

High School Course of Study 2025 – 2026



Dr. Ebony Johnson
Superintendent

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Executive Summary

The Course of Study (COS) is a document that identifies the District's standards-based courses that meet or exceed the state and the district graduation requirements. It reflects the body of courses available to all high schools, as well as courses that are unique to individual sites. During the fall semester of each year, schools have an opportunity to propose new courses for inclusion in the subsequent Course of Study.

The Course of Study, in addition to defining individual course offerings, sets the grade levels at which the courses should be taught as well as enrollment prerequisites. Year-long courses are offered for 1 full Carnegie unit of credit, and semester courses are offered for ½ Carnegie unit. Credit requirements are defined by the state and district graduation requirements. Suggested sequences also appear so that students may differentiate and deepen their learning experiences through enrollment in advanced courses that, in many cases, may lead to the award of college credit or industry certifications upon successful completion of one or more external examinations.

Dear Secondary School Community,

It is with great pleasure and enthusiasm that I present to you the latest edition of Tulsa Public Schools' Secondary School Course of Study. This comprehensive guide serves as a roadmap for our students' academic journeys, outlining the rigorous and enriching educational experiences that await them.

As superintendent, I am deeply committed to providing our students with the highest quality education and preparing them for success in a dynamic world. Our Course of Study reflects this commitment by offering a diverse array of courses to cultivate critical thinking, creativity, and a lifelong love of learning.

Students, I encourage you to embrace the opportunities presented in this Course of Study. Challenge yourself, explore your interests, and seize every opportunity to learn and grow. Your education is the foundation upon which you will build your future, and we are here to support and guide you every step of the way.

In today's rapidly evolving global landscape, it is essential that our students graduate with the knowledge, skills, and adaptability to thrive, whether they aspire to pursue higher education, enter the workforce, or become active and engaged citizens. We design our curriculum to empower students to achieve their goals and make meaningful contributions to society.

I would like to extend my sincere appreciation to the dedicated Team Tulsa educators who have worked tirelessly to develop and refine our curriculum. Their commitment and expertise are evident in the breadth and depth of opportunities available to our students.

Together, let us embark on this journey of discovery, innovation, and excellence. With a shared commitment to academic rigor, intellectual curiosity, and compassionate leadership, I am confident that our students will continue to lead through literacy and contribute to their community.

Sincerely,

Superintendent Ebony Johnson, Ed. D.

Graduation Requirements

Graduation Requirements – TPS Regulation 3315-R

All Tulsa Public School students must meet the District’s graduation requirements which may be higher than the state’s graduation plans.

College Preparatory/Work-Ready Curriculum

	Graduates Beginning with the Class of 2026	Graduates Beginning with the Class of 2027
English 4 units	English I: Grammar & Comp. English II: World Literature English III: American Literature English IV: British Literature	English I: Grammar & Comp. English II: World Literature English III: American Literature English IV: British Literature
Social Studies 3 units	U.S. Government ½ unit, Oklahoma History, ½ unit U.S. History, 1 unit 1 additional social studies unit	U.S. Government ½ unit, Oklahoma History, ½ unit U.S. History, 1 unit 1 additional social studies unit
Science 3 units	Three units of laboratory science including: • A physical science (Physical Science, Chemistry, or Physics) • Biology I One additional unit above Biology	Three units of laboratory science including: • A physical science (Physical Science, Chemistry, or Physics) • Biology I • One additional unit above Biology
Mathematics 3 units (earned in High School)	Algebra I Two additional approved Mathematics units above Algebra I	Algebra I Two additional approved Mathematics units above Algebra I
Computer Technology 2 units OR World Language 2 units of the same language	Two units approved Computer Technology OR Two units of the same World Language	Two units approved Computer Technology OR Two units of the same World Language
Additional Unit 1 unit	One additional course from any of the subjects listed above	One additional course from any of the subjects listed above
Fine Arts 1 unit	One unit of approved Fine Arts	One unit of approved Fine Arts
Physical Education 1 unit	Physical Education or Athletics or JROTC or Marching Band or Health	Physical Education or Athletics or JROTC or Marching Band or Health
Electives 5 units	Five units of courses which receive elective credit or additional courses from above categories	Five units of courses which receive elective credit or additional courses from above categories
TOTAL UNITS REQUIRED FOR GRADUATION	23 UNITS	23 UNITS
ADDITIONAL REQUIREMENTS FOR GRADUATION	In order to graduate from an Oklahoma high school, all students: <ul style="list-style-type: none"> • must earn 23 units and take state or federal assessments as specified by district policy • and demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12 • and receive training in CPR. • and complete all components of the 4-year ICAP plan, • and pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA) 	In order to graduate from an Oklahoma high school, all students: <ul style="list-style-type: none"> • must earn 23 units and take state or federal assessments as specified by district policy • and demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12 • and receive training in CPR. • and complete all components of the 4-year ICAP plan, • and pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA)

All students must take all state assessments required by the State Board of Education in order to graduate. Alternatively, these students must take any nationally recognized high school test the District elects to use instead of the state assessments as authorized by federal law. The requirement to take the assessments in order to graduate is subject to all exemptions, conditions, and accommodations authorized by state or federal law.

*In accordance with state law, unless the student’s parent or legal guardian, a student age eighteen (18), or a school counselor submits a signed form authorizing the student to opt out, this is a requirement for a student to graduate high school.

Some high schools may have additional requirements to graduate.

Core Curriculum

	Graduates Beginning with the Class of 2026	Graduates Beginning with the Class of 2027
English 4 units	English I: Grammar & Comp. English II: World Literature English III: American Literature English IV: British Literature	English I: Grammar & Comp. English II: World Literature English III: American Literature English IV: British Literature
Social Studies 3 units	U.S. Government ½ unit Oklahoma History, ½ unit U.S. History, 1 unit 1 additional unit of social studies	U.S. Government ½ unit Oklahoma History, ½ unit U.S. History, 1 unit 1 additional unit of social studies
Science 3 units	1 unit Biology 1 unit of a physical science 1 additional approved lab science unit	1 unit Biology 1 unit of a physical science 1 additional approved lab science unit
Mathematics 3 units (earned in High School)	Algebra I Two additional approved Mathematics units above Algebra I	Algebra I Two additional approved Mathematics units above Algebra I
Computer Technology or World Language 1 unit	1 unit of computer technology or 1 unit of World Language	1 unit of computer technology or 1 unit of World Language
Fine Arts 1 unit	1 unit of approved Fine Arts	1 unit of approved Fine Arts
Physical Education 1 unit	Physical Education or Athletics or JROTC or Marching Band or Health	Physical Education or Athletics or JROTC or Marching Band or Health
Electives 7 units	7 units of courses which receive elective credit or additional courses from above categories	7 units of courses which receive elective credit or additional courses from above categories
TOTAL UNITS REQUIRED FOR GRADUATION	23 UNITS	23 UNITS
ADDITIONAL REQUIREMENTS FOR GRADUATION	<p>In order to graduate from an Oklahoma high school, all students:</p> <ul style="list-style-type: none"> • must earn 23 units, • take state or federal assessments as specified by district policy, • and demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12, • and receive training in CPR, • and complete all components of the 4-year ICAP plan, • and pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA) 	<p>In order to graduate from an Oklahoma high school, all students:</p> <ul style="list-style-type: none"> • must earn 23 units, • take state or federal assessments as specified by district policy, • and demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12, • and receive training in CPR, • and complete all components of the 4-year ICAP plan, • and pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA)

All students must take all state assessments required by the State Board of Education in order to graduate. Alternatively, these students must take any nationally recognized high school test the District elects to use instead of the state assessments as authorized by federal law. The requirement to take the assessments in order to graduate is subject to all exemptions, conditions, and accommodations authorized by state or federal law.

*In accordance with state law, unless the student's parent or legal guardian, a student age eighteen (18), or a school counselor submits a signed form authorizing the student to opt out, this is a requirement for a student to graduate high school.

Some high schools may have additional requirements to graduate.

Oklahoma [HB 1041](#) authorizes school districts to issue alternate diplomas to students in the Oklahoma Alternate Assessment Program. Courses in the core curriculum may be used to substitute for corresponding courses required by the alternate diploma and others as determined by the State Board of Education. Students on the alternate diploma are still required to accumulate 23 credits.

Alternate Curriculum

	Graduates Beginning with the Class of 2026	Graduates Beginning with the Class of 2027
English 4 units	English I: Alternate English II: Alternate English III: Alternate English IV: Alternate	English I: Alternate English II: Alternate English III: Alternate English IV: Alternate
Social Studies 3 units	Social Studies Alternate I Social Studies Alternate II Social Studies Alternate III	Social Studies Alternate I Social Studies Alternate II Social Studies Alternate III
Science 3 units	Life Science Alternate Physical Science Alternate Earth Science Alternate	Life Science Alternate Physical Science Alternate Earth Science Alternate
Mathematics 3 units (earned in High School)	Math I Alternate Math II Alternate Math III Alternate	Math I Alternate Math II Alternate Math III Alternate
Computer Technology or World Language 1 unit	1 Unit of Computer Technology OR 1 Unit of World Language	1 Unit of Computer Technology OR 1 Unit of World Language
Fine Arts 1 unit	1 unit of or set of competencies that may include, but not be limited to courses in Visual Arts and General Music	1 unit of or set of competencies that may include, but not be limited to courses in Visual Arts and General Music
Career Readiness 2 Units	Career Readiness I Career Readiness II Career Readiness III Career Readiness IV	Career Readiness I Career Readiness II Career Readiness III Career Readiness IV
Career Readiness 2 Units	Life Skills I Life Skills II Life Skills III Life Skills IV	Life Skills I Life Skills II Life Skills III Life Skills IV
Electives 4 Units	Students may take up to 4 Electives	Students may take up to 4 Electives
TOTAL UNITS REQUIRED FOR GRADUATION	23 UNITS	23 UNITS
ADDITIONAL REQUIREMENTS FOR GRADUATION	<p>In order to graduate from an Oklahoma high school with an Alternate Diploma, students:</p> <ul style="list-style-type: none"> • must earn 23 units • take state or federal assessments as specified by district policy <p>The following are OPTIONAL:</p> <ul style="list-style-type: none"> • Students are encouraged to participate in and complete all components of the 4-year ICAP plan. • Demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12 • Receive training in CPR • Pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA) 	<p>In order to graduate from an Oklahoma high school with an Alternate Diploma, students:</p> <ul style="list-style-type: none"> • must earn 23 units • take state or federal assessments as specified by district policy <p>The following are OPTIONAL:</p> <ul style="list-style-type: none"> • Students are encouraged to participate in and complete all components of the 4-year ICAP plan. • Demonstrate proficiency on all fourteen (14) modules included in the state mandated Personal Financial Literacy curriculum during grades 9-12 • Receive training in CPR • Pass the Civics Knowledge Assessment (U.S. Naturalization Test) with a score of 60% or better. • and complete and submit a *Free Application for Federal Student Aid (FAFSA)

All students must take all state assessments required by the State Board of Education in order to graduate. Alternatively, these students must take any nationally recognized high school test the District elects to use instead of the state assessments as authorized by federal law. The requirement to take the assessments in order to graduate is subject to all exemptions, conditions, and accommodations authorized by state or federal law.

*In accordance with state law, unless the student's parent or legal guardian, a student age eighteen (18), or a school counselor submits a signed form authorizing the student to opt out, this is a requirement for a student to graduate high school. Some high schools may have additional requirements to graduate.

Oklahoma's Promise

This program, formerly known as OK PROM, was created by the Oklahoma Legislature to provide free Oklahoma college tuition to qualifying students. Upon completion of the program's requirements, a student will earn:

Tuition at an Oklahoma public two-year college or four-year university.

OR a portion of tuition at an accredited Oklahoma private college or university.

OR a portion of tuition for courses at public technology centers that are approved for credit toward an Associate of Applied Science degree at a public college.

Students must apply during their 8th, 9th, 10th, or 11th grade year. To apply, a student must go to <http://www.okhighered.org/okpromise/> and click on *Apply Now* in the upper right corner of the page. To qualify, a student must be an Oklahoma resident, enrolled in 8th, 9th, or 10th grade in an Oklahoma school, and their parents must earn no more than \$60,000 per year with 1 or 2 dependent children **OR** \$70,000 with 3 or 4 dependent children **OR** \$80,000 with 5 or more dependent children.

Students are required to make at least a 2.5 grade point average in both their core required courses and in all of their courses, overall. Students are also required to stay out of trouble, attend school regularly, and to complete the Free Application for Federal Student Aid (FAFSA). (Additional information on [FAFSA](#) is available in the next section.) The information from FAFSA will be used to determine whether students meet the financial requirements to qualify to receive the scholarship payments. It is also important to remember that Oklahoma's Promise will only pay for a portion of total college costs, and students will need additional funds to help pay for completing their degree. The FAFSA may supply these funds.

The required curriculum to be eligible for Oklahoma's Promise match Tulsa Public Schools' College Preparatory/Career-Ready curriculum.

English 4 units	English I English II English III English IV
Social Studies 3 units	U.S. History, 1 unit 2 additional social studies unit
Science 3 units	Three units of laboratory science
Mathematics 3 units (earned in High School)	Algebra I, 1 unit 2 additional approved Mathematics unit above Algebra I
Computer Technology 2 units OR World Language 2 units of the same language	Two units approved Computer Technology OR Two units of the same World Language *May NOT combine 1 Computer Technology with 1 World Language
Additional Unit 1 unit	One additional course from any of the subjects listed above
Fine Arts 1 unit	One unit of approved Fine Arts
TOTAL UNITS REQUIRED FOR OKPromise	17 UNITS
ADDITIONAL REQUIREMENTS FOR OKPromise	17 – unit OKPromise Core GPA must be 2.5 or above Overall GPA must be 2.5 or above

*The College Preparatory/Work-Ready Curriculum meets all of the requirements for OKPromise.

Additional Graduation Requirements:

The following are additional requirements that must be met for graduation. TPS is dedicated to ensuring that students meet or exceed the requirements set forth by the Oklahoma State Department of Education.

Passport to Personal Financial Literacy

70 O.S. § 11-103.6h

House Bill 1476 that created *The Passport to Financial Literacy Act of 2007* became effective July 1, 2007. The law requires that ALL Oklahoma fulfill the requirements for a Personal Financial Literacy Passport in order to graduate from a public high school with a standard diploma. On July 1, 2018, House Bill 1694 altered the requirements of this law requiring all students to complete the components of personal financial literacy in high school (grades 9-12) beginning with the 2019-2020 school year.

The intent of personal financial literacy education is to inform students how individual choices directly influence occupational goals and future earnings potential. Successful money management is a disciplined behavior and much easier when learned earlier in life. The fourteen areas of instruction designated in the *Passport to Financial Literacy Act of 2007* (70 O.S. § 11-103.6h) are designed to provide students with the basic skills and knowledge needed to effectively manage their personal finances. These standards of learning are priority, essential, and necessary for all Oklahoma students. Learning the ideas, concepts, knowledge, and skills will enable students to implement personal financial decision-making skills; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit, money managers, and to be participating members of a global workforce and society.

Students shall fulfill the requirements for a Personal Financial Literacy Passport in order to graduate from a public high school with a standard diploma. Requirements for a Personal Financial Literacy Passport shall be “satisfactory completion and demonstration of satisfactory knowledge in each of the 14 areas of instruction” during Grades 7-12. Those 14 areas include:

- Earning an income
- Understanding state and federal taxes
- Banking and financial services
- Managing a bank account
- Savings and investing
- Planning for retirement
- Understanding the Free Application for Federal Student Aid (FAFSA) loans and borrowing money, including predatory lending and payday loans
- Understanding interest, credit card debt, and online commerce
- Identity fraud and theft
- Rights and responsibilities of renting or buying a home

- Understanding insurance
- Understanding the financial impact and consequences of gambling
- Bankruptcy
- Charitable giving

Instruction in these 14 areas may be taught in a single Personal Financial Literacy course or be integrated into other coursework, Grades 7 through 12, as decided by the local district. Instruction must align and meet the *Priority Academic Student Skills (STATE)* for Personal Financial Literacy as adopted by the Oklahoma State Board of Education. These *STATE* standards are available on the Oklahoma State Department of Education Web site

<https://oklahoma.gov/education/services/standards-learning/personal-financial-literacy.html>

District Requirements:

Districts shall maintain a Personal Financial Literacy Passport cumulative record for each student. The Personal Financial Literacy Passport cumulative record shall be a uniform document used by all school districts within the state. The State Department of Education has provided an electronic version of the Personal Financial Literacy Passport cumulative record on the Department's Web site at

<https://oklahoma.gov/content/dam/ok/en/osde/documents/services/standards-learning/personal-financial-literacy/Passport%20Cumulative%20Record%20Form.pdf>

Completion of the areas of instruction of Personal Financial Literacy shall be documented on the student's high school transcript. Upon completion of the 14 *Priority Academic Student Skills* for Personal Financial Literacy, the student's transcript shall state, “The student has satisfactorily completed the 14 areas of instruction for Personal Financial Literacy.” The Personal Financial Literacy Passport cumulative record shall accompany the student when transferring to a new district.

Helpful Links:

Oklahoma State Department of Education:
<https://sde.ok.gov/>.

Personal Financial Literacy Passport:
<https://oklahoma.gov/education/services/standards-learning/personal-financial-literacy.html>

Dustin Rhodes and Lindsay Steed CPR Training Act

70 O.S. § 1210.199

House Bill 1378 became effective July 1, 2015. The law requires that ALL Oklahoma students receive instruction in cardiopulmonary resuscitation and be made aware of the purpose of an automated external defibrillator at least once between 9th grade and graduation from high school. This training is provided by all high schools in Tulsa Public Schools. Once a student completes training, it is documented on the student's permanent record in PowerSchool.

Parents/Guardians may choose to exclude their student from this training. In order to do so, the form available at the TPS Teaching and Learning website must be completed. The school will ensure the form is submitted to Accountability no later than May 15 of each school year.

Individual Career and Academic Plan (ICAP)

70 O.S. § 1210.508-4

House Bill 2155 requires that all students, beginning with the freshman class of 2019-2020, complete the process of the Individual Career and Academic Plan in order to graduate from high school. The plan is designed to help students establish personalized academic and career goals, explore postsecondary career and educational opportunities, align coursework and curriculum, apply to postsecondary institutions, secure financial aid, and ultimately enter the workforce.

The ICAP requires five components. It also requires students to update their ICAPs at least once a year. The components are Career- and college-interest surveys, Written postsecondary and workforce goals and information of progress toward these goals, Intentional sequence of courses that reflect progress toward the postsecondary goal, The student's academic progress, including courses taken, assessment scores, and remediation or credit recovery and any Advanced Placement, International Baccalaureate, or concurrent enrollment credits earning and/or career certificate(s), Certification(s), or endorsements, and Experience in service learning and/or work environment activities.

For additional information, please visit the Oklahoma State Department of Education website with ICAP information at: [Individual Career Academic Planning - Oklahoma Edge](#)

The Free Application for Federal Student Aid (FAFSA) Graduation Requirement

70 O.S. § 1210.508-6

The FAFSA, officially known as the Free Application for Federal Student Aid, is the form that families fill out to apply for federal grants, loans, and work-study funds for college students. It is administered by the U.S. Department of Education, which provides more than \$150 billion in student aid each year. Most TPS high schools hold FAFSA nights where parents and students can come to the school and complete the online form with the help of counselors and staff. It is important for students to check with counselors about deadlines for application.

Beginning with the 2024-2025 school year, all Tulsa Public Schools students will be required to complete and submit a Free Application for Federal Student Aid (FAFSA) in order to graduate.

In accordance with state law, unless the student's parent or legal guardian, a student age eighteen (18), or a school counselor submits a signed form authorizing the student to opt out, this is a requirement for a student to graduate high school.

Civics Knowledge Assessment

70 O.S. § 11-103.6v2

HB 2030, requires all Oklahoma public school students, beginning with the Class of 2025, to take an assessment based on the 2008 version of the U.S. Naturalization Test. Tulsa Public Schools calls this requirement the Civics Knowledge Assessment. Students in Tulsa Public Schools are administered the assessment in the first semester of their 9th grade year. Students with disabilities who are assessed through the Oklahoma Alternate Assessment Program (OAAP) are exempt from this requirement.

In accordance with state law, students are required to earn a passing score of 60 out of 100 questions on the Civics Knowledge Assessment to graduate high school.

NCAA Eligibility Requirements and Registration

Students planning to compete in collegiate athletics must meet minimum NCAA initial eligibility standards for GPA, Core Course Completion, and ACT/SAT scores. It is the responsibility of parents and students to track progress toward meeting the NCAA requirements. Consult with the school counselor for a list of approved NCAA courses. For more information, please visit the NCAA website at: <https://www.ncaa.org/>.

Oklahoma's Academic Scholars

The purpose of the Oklahoma Academic Scholar program is to recognize the outstanding academic achievement of graduating seniors. Oklahoma Academic Scholars receive a certificate of recognition from the State Board of Education and the local high school, a gold seal affixed to their diploma, and the honor recorded on their official transcript.

Graduating seniors who meet all of the requirements listed below shall be recognized by the local school district and the State Board of Education as an Oklahoma Academic Scholar:

- Accumulate over Grades 9, 10, 11 and the first semester of Grade 12, a minimum grade point average of 3.7 on a 4.0 scale or be in the top 10% of their class.
- Complete (or will complete) the curricular requirements for a standard diploma.
- Achieve a 27 composite score on the ACT or 1220 combined reading and mathematics score on the SAT. The ACT or SAT must have been taken on a national test date.

Advanced Placement/ Advanced Courses

Advanced courses are offered at the high school level to prepare students for the rigor of the Advanced Placement (AP) courses. These courses cover the same standards as their non-AP counterparts (i.e., English I or Advanced English I); however, Advanced courses are taught to a higher level of rigor and utilize techniques and practices that will help students develop the skills for success in AP coursework. Advanced courses are open to all students who are willing to apply themselves to the higher level of rigor present in these courses.

The Advanced Placement program, sponsored by the College Board, is offered at high school campuses to students in 10th through 12th grades. Typically, students enroll in Advanced at the early grade levels, moving to AP courses in grades 10, 11, and 12. Curriculum is integrated from grade to grade culminating with an opportunity to earn college credit after successfully completing an exam at the end of the AP course.

AP exams are an essential part of the AP experience, enabling students to demonstrate their mastery of college-level work. Many colleges award college credit, advanced placement, or both on the basis of successful AP exam scores. Taking AP exams is highly recommended and encouraged.

Enrollment in Advanced Placement is open to all students who have successfully completed the

prerequisite courses and are committed to performing at the level required for success in the rigorous program.

Beginning with the 2024-2025 school year, all public high schools in the state shall make a minimum of four (4) Advanced Placement courses available to students.

These courses can be made available through:

- A school site or sites within the district,
- A career and technology institution within the district,
- A program offered by the Statewide Virtual Charter School Board or one of its vendors, or
- A school site or sites in another school district.

Tulsa Achieves

Tulsa Achieves will pay for three years of tuition and fees to attend Tulsa Community College after high school graduation. To qualify, students must have an overall 2.0 grade point average and be a resident of Tulsa County. More information can be found at

<https://www.tulsacc.edu/paying-college/tulsa-achieves-scholarship>

Concurrent Enrollment Opportunities

Juniors and seniors who meet admission and enrollment requirements may take college courses while still in high school. Tulsa Community College offers four programs. Tuition is free for up to six credit hours per semester for juniors and nine credit hours per semester for seniors. If students take courses designated for dual or concurrent enrollment, fees will be paid by the Assistance League of Tulsa and textbooks will be paid for by Tulsa Public Schools. Tulsa Public Schools will also provide round-trip transportation from the high school to the college campus for select class times.

Face to Face Embedded TCC courses on high school campuses – General education college courses are offered on select high school campuses.

Online Embedded Courses on High School Campuses – Online TCC classes embedded into the school day with dedicated support by high school teachers are offered on select high school campuses.

Traditional TCC Campus enrollment – These courses meet on the Tulsa Community College campuses. Four programs are offered: on campus; online with a dedicated time, completely online, and blended (part on campus and part online).

Concurrent courses are also available at other area colleges. Check those college websites for admission requirements. See the section on Concurrent Enrollment for a complete list of courses.

It is essential that students understand that the grade(s) they receive for concurrent coursework appear on both their high school and college transcripts. These grades will affect their high school GPA. Successful completion for college credit requires a C or better grade. Excessive withdraws, academic withdraws, Ds, or Fs may affect future financial aid and college admittance.

Students are recommended to take the courses listed in the TPS Course of Study. If a student wishes to take a course not on this list, he or she must complete the Request for Addition of a Concurrent Enrollment Course form from the high school counselor. Students may not enroll in courses not listed in the Course of Study without the approval and signature of the Manager of Postsecondary Access on the [Proposed Course Addition for Concurrent Enrollment](#) form. Students should be aware that it is the hope of the district that they will take courses which will transfer to another college or university. To ensure that a course will transfer, students may check the [Course Transfer Matrix](#) provided by the Oklahoma State Regents for Higher Education. Preference for approval will be given to courses that are on the matrix.

The TPS Concurrent Enrollment Procedures are included in this document under the [Postsecondary Opportunities – Colleges and Universities](#) section.

EDGE (Earn a Degree Graduate Early)

The EDGE program (Earn a Degree Graduate Early) allows students to graduate with their high school diploma and an Associate's degree from Tulsa Community College. EDGE is available to any rising ninth grader. Students must apply in the spring of their 8th grade year. Thirty students are selected each year and they become part of a cohort that takes advanced courses and college classes with support at their home school. Students may attend either McLain or Memorial High Schools. Students begin taking college classes as sophomores. All tuition, fees, books, and transportation are paid for these students.

Tulsa Tech

Academically qualified students in their junior or senior year may take courses at Tulsa Tech. Tulsa Tech offers a wide range of opportunities to prepare students for success in a career. Students can choose from programs including health sciences, aerospace, pre-engineering, automotive/alternative fuels, and information technology. A detailed list of courses offered is available in the Tulsa Tech section.

Weighted Grades

To encourage and recognize enrollment and achievement in academically challenging subjects, weighted grade points will be assigned to high school courses carrying the designation of AP or IB. Weighted grades are also offered for core courses through concurrent enrollment. Weighted status will not be given to courses designated as Advanced or IBMYP. Additionally, high school credit earned during grades 6, 7, or 8 will count for high school graduation requirements but will be excluded from the high school cumulative GPA calculations. Point values are as follows:

<u>Regular Courses</u>	<u>Weighted Courses</u>
A - 4 points	A - 5 points
B - 3 points	B - 4 points
C - 2 points	C - 3 points
D - 1 point	D - 1 point
F - 0 point	F - 0 point
I - N/A	I - N/A

Transfer Students

According to the Oklahoma State Department of Education's School Law Book, Section 424, part A, students who transfer into an Oklahoma school district from out of state after the student's junior year of high school shall not be denied, due to differing graduation requirements, the opportunity to be awarded a standard diploma.

Oklahoma's administrative rules (210:35-25-2, 4) add that, "A student entering an accredited school in Oklahoma who previously attended an accredited or similarly qualified school outside Oklahoma shall receive credit for courses completed at any previous schools that are correlated with the academic content of courses required for graduation in Oklahoma. Credit for a course shall only be transcribed as elective credit if there is no correlation between the academic content of the course and a course required for graduation in Oklahoma."

When a student transfers to a Tulsa Public Schools' high school from out of state, the counselor will examine the student's transcript for courses that meet TPS College Preparatory/Work-Ready requirements. If there are questions concerning courses, the counselor will contact the Teaching and Learning Department for guidance on course applicability.

Tulsa Public School Courses

Courses are listed in order of graduation requirements.

Not all courses are offered at all Tulsa Public School individual sites. Students should check with the school counselor to determine available courses at their school.

Language Arts

ELA					
	College Preparatory Program	AP Academic Program	TCC Program	Optional Program (Intensive Supports)	
6th grade	Reading 1	Advanced Reading 1	Reading 1	Reading Intervention + Reading 1	Students meeting reading goals will exit Reading Intervention
7th grade	Reading 2	Advanced Reading 2	Reading 2	Reading Intervention + Reading 2	
8th grade	Reading 3	Advanced Reading 3	Reading 3	Reading Intervention + Reading 3	
9th grade	English I	English I	English I	Reading Intervention + English I	
10th grade	English II	English II	English II	Reading Intervention + English II	
11th grade	English III <i>ACT</i>	AP Language and Composition <i>ACT</i>	TCC Composition I <i>ACT</i>	English III <i>ACT</i>	
12th grade	English IV	AP Literature and Composition	TCC Composition II	English IV	

34011 English I
Credit: 1 **Grades:** 9 **OK Prom:** Yes
Credit Type(s): ENG1
Prerequisite(s): None

Students will apply a variety of strategies to comprehend, interpret, evaluate, appreciate, and respond to various 9th grade texts – both fictional and informational. They will express ideas effectively in writing for a variety of purpose and audiences. Through their writing, student will practice, enhance, and maintain many different skills – including sentence-building and paragraph development vocabulary and word choice, grammar and mechanics, and editing and revision. Students will conduct research and organize information. They will demonstrate listening and speaking skills. Work in the 9th grade English class will build on and deepen the skills that were practiced in previous language arts work at the elementary level.

34001 Advanced English I
Credit: 1 **Grades:** 9 **OK Prom:** Yes
Credit Type(s): ENG1
Prerequisite(s): None

Students in Advanced English I practice the same skills as students in English I, with a deeper level of complexity and a focus on preparation for an AP course. Students will engage with complex texts, write for various purposes and audiences, conduct research, and practice listening and speaking skills. The expectation is that the reading and writing of Advanced students will increase in complexity as part of a continuum of skills that lead to successful participation in AP courses and other challenging work. Any student willing to make the commitment to this level of work is welcome to enroll in the course.

34031 English I IBMYP**34061 English II IBMYP****Credit:** 1 **Grades:** 9, 10 **OK Prom:** Yes**Credit Type(s):** ENG1; ENG2**Prerequisite(s):** MYP Participant

The International Baccalaureate Middle Years Program in English, grades 9 & 10, uses a thematic, multidisciplinary approach to teaching which incorporates five Areas of Interaction across the curriculum. These are: Health & Social Education, Community & Service, Environment, Homo Faber, and Approaches to Learning. English skills are developed by use of the language both oral and written as well as the study of literature. Research skills are emphasized. In grade 10, composition is the major emphasis. Literary analysis is used to develop essays and explore literature of various world cultures. Students will also complete a required Middle Years project.

34041 English II**Credit:** 1 **Grades:** 10 **OK Prom:** Yes**Credit Type(s):** ENG2**Prerequisite(s):** None

Students will engage with various 10th grade texts—both fictional and informational—and work to comprehend, interpret, evaluate, and respond to those texts. As they express ideas in writing for a variety of purposes and audiences, students will practice paragraph development, word choice, editing, and revision. Students will also conduct research, organize information, and demonstrate listening and speaking skills. Work in the 10th grade English class will build on and deepen the skills that were practiced in previous language arts classes.

34004 Advanced English II**Credit:** 1 **Grades:** 10 **OK Prom:** Yes**Credit Type(s):** ENG2**Prerequisite(s):** None

Students in Advanced English II practice the same skills as students in English II, with a deeper level of complexity and a focus on preparation for an AP course. Students will engage with complex texts, write for various purposes and audiences, conduct research, and practice listening and speaking skills. The expectation is that the reading and writing of Advanced students will increase in complexity as part of a continuum of skills that lead to successful participation in AP courses and other challenging work. Any student willing to make the commitment to this level of work is welcome to enroll in the course.

34071 English III**Credit:** 1 **Grades:** 11 **OK Prom:** Yes**Credit Type(s):** ENG3**Prerequisite(s):** None

Students will engage with various 11th grade texts—both fictional and informational—and work to comprehend, interpret, evaluate, and respond to those texts. As they express ideas in writing for a variety of purposes and audiences, students will practice paragraph development, word choice, editing, and revision. Students will also conduct research, organize information, and demonstrate listening and speaking skills. Work in the 11th grade English class will build on and deepen the skills that were practiced in previous language arts classes.

34091 *AP English Language and Composition**Credit:** 1 **Grades:** 11 or 12 **OK Prom:** Yes**Credit Type(s):** ENG3 or ENG4**Prerequisite(s):** None

Students will become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. They will become skilled writers, aware of the interactions among purpose, audience, and subject. They will analyze rhetorical devices and their impact on meaning in another writer's work, and they will learn how to use rhetorical devices in their own writing. The course will emphasize analysis, argument, and synthesis, as well as some personal and reflective writing. The student may earn college credit for a qualifying score on the Advanced Placement Examination. Weighted credit is available for this course for all students who pass both semesters of the course with a "C" or higher.

34057 *English IBHL I**Credit:** 1 **Grades:** 11 **OK Prom:** Yes**Credit Type(s):** ENG3**Prerequisite(s):** English II Advanced or English II IBMYP

This course is the first in a two-year course of study for the IB English A1 Higher Level. This course focuses on the study of literature in all its forms. The major objectives of the course are to develop techniques of literary criticism, to foster an appreciation of literature and a greater understanding of the human condition, and to stimulate critical thinking.

34121 English IV**Credit:** 1 **Grades:** 12 **OK Prom:** Yes**Credit Type(s):** ENG4**Prerequisite(s):** None

Students will engage with various 12th grade texts—both fictional and informational—and work to comprehend, interpret, evaluate, and respond to those texts. As they express ideas in writing for a variety of purposes and audiences, students will practice paragraph development, word choice, editing, and revision.

Students will also conduct research, organize information, and demonstrate listening and speaking skills. Work in the 12th grade English class will build on and deepen the skills that were practiced in previous language arts classes.

34141 *AP English Literature and Composition

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): ENG 3 or ENG4

Prerequisite(s): None

Students will become skilled in the careful reading and critical analysis of nonfiction and fiction literature. Through the close reading of selected texts, students will understand how writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes, as well as stylistic devices such as the use of figurative language, imagery, symbolism, and tone. They will learn how to implement the same devices in their own writing. The student may earn college credit for a qualifying score on the Advanced Placement Examination. Weighted credit is available for this course for all students who pass both semesters of the course with a "C" or higher.

34054 *English IBHL II

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): ENG4

Prerequisite(s): English IBHL I

In this second year of the IB English A1 Higher-Level sequence, students will continue to read and analyze all genres of literature written in English and translated into English from other cultures. Assessment includes essays, oral and written commentaries, discussions, and oral presentations. College credit may be earned for successful scoring on the International Baccalaureate Examination.

Social Studies

Social Studies courses include concepts that incorporate the Oklahoma State Department of Education mandated standards and practices from the Oklahoma Academic Standards (OAS). Content from the areas of history, economics, geography, government, psychology, sociology, and multicultural awareness are necessary for effective citizenship in a country that values the inalienable right of individual choice as a primary goal. Practice in respect for individual differences and logical thinking provide the student with the competence to meet the daily problems of American citizenship.

State law (70 O.S. 2011, Section 11-103.6) requires all students graduating from Oklahoma high schools to have Oklahoma History, government, and U.S. History, plus a third full unit of social studies.

The following sequences will allow students to meet the graduation requirement for Social Studies.

Social Studies				
	College Preparatory Program	AP Academic Program	TCC Program	BTW IB Program
9th	Oklahoma History (.5) Civics (.5) - <i>Civics Knowledge Assessment</i>	Oklahoma History (.5) Civics (.5) - <i>Civics Knowledge Assessment</i>	Oklahoma History (.5) Civics (.5) - <i>Civics Knowledge Assessment</i>	Oklahoma History (.5) Government (.5) <i>Civics Knowledge Assessment</i>
10th	World History Survey or World Human Geography	AP World History: Modern	AP World History: Modern or AP Human Geography	US History 1878-Present or AP US History
11th	US History 1878- Present <i>11th grade USH test</i>	AP US History <i>11th grade USH test</i>	TCC US History Civil War Era to the Present/TCC Intro to Psychology or Intro to Psychology TCC Transition .5/TCC Intro to Psychology and AP US History <i>11th grade USH test</i>	IB World History <i>11th grade USH test</i>
12th	Government (.5)/SS Elective (<i>Economics, Street Law, Sociology, Psychology, African American Studies, Multicultural Studies, Military History Survey</i>) Government (1.0)	AP US Government and Politics <i>Optional SS Elective* in: AP African American Studies, AP Psychology, AP Comparative Government & Politics, AP Micro/Macro Economics, AP European History *must have 5 Government</i>	American Federal Government TCC Transition .5/TCC American Federal Government or TCC American Federal Government/TCC Principles of Macroeconomics	IB Psychology Other IB courses available

37411 Oklahoma History

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): OKHIS
Prerequisite(s): None

This is a one-semester course covering the economy, government and politics, demographics, geography, culture, and history of Oklahoma in greater depth than the one-semester course. The timeline of Oklahoma development will be compared to that of United States and World History. This study should provide students with an understanding of how Oklahoma is similar to and different from the rest of the country.

37454 United States History 1878 to Present

Credit: 1 **Grades:** 11 **OK Prom:** Yes
Credit Type(s): USHIS
Prerequisite(s): None

This course will explore the development of the United States since 1878. Students will describe and analyze effects of the Reconstruction Era amendments to the United States Constitution, examine the impact of immigration and the settlement of the American West on American society, and evaluate the economic effects of the industrialization and the changing role of the United States in world affairs at the turn of the twentieth century. The student will also describe the social, cultural, and economic events between the World Wars, investigate and analyze the Great Depression, identify the causes, events, and effects of World War II, and assess the

foreign and domestic policies of the United States since World War II. The student will also examine the 9/11 attacks on New York City and Washington, DC. Throughout the course, the student will analyze primary and secondary sources and interpret timelines, charts, maps, graphs, pictures, photographs, and political cartoons. Historical research and writing narrative elements effectively into arguments and informative texts will be required.

37231 United States Government

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): GOV

Prerequisite(s): None

This one-semester course has students compare and examine the formation of contemporary governments in terms of access, use and justification of power. It explores the philosophical foundations of our government and influences on our founding documents. It evaluates the changes that have occurred in the relationship between the states and the national government over time. It examines the Constitution of the United States with in-depth study of the legislative, executive, and judicial branches of government. In this course, students evaluate the significance of civic duty and learn how policy is created and impacts our daily lives.

37251 *AP United States Government and Politics (.5)

37252 *AP United States Government and Politics (1)

Credit: .5 or 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): GOV, SSFC, AU, ELEC

Prerequisite(s): None

The United States Government and Politics AP course gives students a more in-depth analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37471 *AP United States History

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): USHIS, AU

Prerequisite(s): None

The United States History AP course provides students with the analytic skills and factual knowledge necessary to critically analyze problems and materials in United States History. Students will assess historical materials and weigh the evidence and interpretations presented. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

Science

Every student will be required to take three lab-based units of science to meet graduation requirements for either the College -Work Ready or the Core Curriculum plan. Biology I and a physical science (such as Chemistry, Physics, or Physical Science) are two basic requirements for the College Prep/Work Ready Curriculum. Upon written approval of the parent or legal guardian of the student, in lieu of the College Prep/Work Ready curriculum plan, a student may follow the Core Curriculum plan for high school graduation. In this case the student may enroll in Biology I and two other science courses at a level equal to or higher than Biology I.

State graduation law requires students to take three units of laboratory science in high school to graduate with either a College- and Career-Ready or Core diploma. One of these three credits **must** be a life science; one **must** be a physical science; the third may be a life, physical, or earth and space science.

The following sequences are among possibilities that will allow students to meet the graduation requirement for Science.

College Preparatory Program		AP Academic Program/ TCC Program*		
		*students may "double up" science courses in HS to accelerate further if their schedule allows and math courses align.		
8th	Science 3 <i>OSTP Science Test</i>	Advanced Science 3 <i>OSTP Science Test</i>		
9th	Physical Science (pre-algebra)	Biology (algebra I)	Advanced Physical Science (pre-algebra)	Advanced Biology (algebra I)
10th	Biology (algebra I)	Chemistry (algebra II)	Advanced Biology (algebra I)	Advanced Chemistry (algebra II)
11th	Chemistry (algebra II) <i>CCRA Science Test</i>	Physics (algebra II) <i>CCRA Science Test</i>	Advanced Chemistry/ AP Physics 1/ OSSM/ AP Biology (algebra II) <i>CCRA Science Test</i>	AP Physics 1/ OSSM/ AP Biology (algebra II) <i>CCRA Science Test</i>
12th	Physics or science elective (algebra II)	Science elective (algebra II)	AP Physics 1/ AP Chemistry/ AP Biology/ AP Physics 2 / OSSM/TCC (algebra II) AP Physics C: Mechanics / OSSM/TCC (calculus)	

PHYSICAL SCIENCE	LIFE SCIENCE	EARTH & SPACE SCIENCE
Chemistry	Anatomy/Physiology	Astronomy
AP Chemistry	Biology	Earth and Space Science
Chemistry of Food and Medicine	AP Biology	Meteorology
Environmental Chemistry	Ecosystems of NE OK	
Physical Science	Environmental Science	
Physics	AP Environmental Science	
AP Physics I	Forensic Science	
AP Physics II	Marine Biology	
AP Physics C	Zoology	

36717 Advanced Anatomy and Physiology

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology

This course is an in-depth study to provide understanding of the human body and the accompanying physiological process that allows for its optimal functioning. This course engages students in foundational knowledge essential for pursuing health careers. This course includes high-level content and practices such as administering first aid and CPR. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies. The culminating project for this course includes providing a course of action to address a medical issue.

36108 Advanced Biology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): BIO
Prerequisite(s): None

This course covers all Oklahoma Standards for Biology at a faster-pace, in greater depth, and with more complex coursework. Students learn about our living world as they engage in lab investigations, data analysis, and complex problem solving. Topics of study include biological chemistry, cells, energy transformation, molecular genetics, heredity, evolution, organisms and populations, ecology, and biogeochemical cycles. This course is designed to prepare students for AP Biology.

36314 Advanced Chemistry

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CHEM, PHYSC, SFC, AU
Prerequisite(s): Algebra I and Biology I

This course covers all Oklahoma Standards for Chemistry at a faster-pace, in greater depth, and with more complex coursework. Students developing a deep conceptual understanding of matter and energy at the molecular level by explaining their macroscopic observations using particulate-level reasoning. This course emphasizes inquiry-based laboratory investigations to explore the structure of atoms and chemical compounds, the relationships among the elements on the periodic table, chemical and physical transformations, and the measurement and calculations of chemical quantities, the use of the periodic table as an important tool for the study of chemistry, and the development of skills, techniques, and attitudes essential for young scientists.

36711 Anatomy and Physiology

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology

This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies.

36111 Biology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): BIO
Prerequisite(s): None

In this course, students will explore the Oklahoma Standards for Biology through developing an understanding of the basic principles that govern life on the earth. Topics covered in this course include scientific skills, ecology, biochemistry, cellular processes, genetics, evolution, classification of organisms, as well as plant and human body systems. Laboratory investigations are a significant portion of this course and are used to build knowledge through evaluating scientific data, developing skills in techniques, developing, and refining problem-solving skills through inquiry, and sharing/presenting findings.

36131 *Biology AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): BIO, SFC, AU
Prerequisite(s): Biology and Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

While acceptance varies by university, students may earn college credit by taking the College Board AP Biology Exam.

36141 *Biology IBHL I

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): BIO, SFC, AU, ELEC
Prerequisite(s): Biology and Chemistry I

This course helps students develop a conceptual framework for modern biology. Primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than an accumulation of facts; personal experience in scientific inquiry;

recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Biology IBHL I stresses the following concepts: general chemistry, organic chemistry, energy and enzymes, respiration, photosynthesis, molecular biology, evolution, viruses to plants, and ecology. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36151 *Biology IBHL II

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): BIO, SFC, AU, ELEC

Prerequisite(s): Biology IBHL I

This course is the second year of the Biology IBHL course. Biology IBHL II stresses the following concepts: science as inquiry, cellular basis of life, mitosis/meiosis, heredity, Kingdom Animalia, animal tissues and body systems. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36311 Chemistry

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): Algebra I and Biology I

Chemistry is a lab-based physical science that examines matter and the changes it undergoes. Experiments and activities are used to introduce concepts including the structure of atoms and chemical compounds, the relationships among the elements on the periodic table, chemical and physical transformations, and the measurement and calculations of chemical quantities.

36341 *Chemistry IBSL

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): Chemistry I or Advanced Chemistry I

This course helps students attain a depth of understanding of fundamentals and a reasonable competence in working with chemical problems. The content of the course includes laboratory safety, dimensional analysis in problem solving, matter and energy, atomic structure, inorganic nomenclature, balancing equations, stoichiometry, gas laws, electron configuration, the periodic table, chemical bonding, molecular structure, solutions, reaction rates, thermodynamics, equilibrium, acids and bases, and oxidation/reduction. It contributes to the student's ability to use critical thinking and to express ideas, orally and in writing, with clarity and logic. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36351 *Chemistry IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): Chemistry IBSL

This course is the second year of the Chemistry IBSL course. The content of the course reflects a survey of the topics covered in college freshman chemistry: matter and measurements, atomic structure, inorganic nomenclature, stoichiometry, reactions in aqueous solutions, gas laws, electron configurations, the periodic table, chemical bonding, molecular structure, thermodynamics, states of matter, solutions, reaction kinetics, equilibrium, electrochemistry, and organic chemistry. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36314 *Chemistry AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): Chemistry I and Algebra II

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

While acceptance varies by university, students may earn college credit by taking the College Board AP Chemistry Exam.

36411 Earth and Space Science

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): Biology

In this course, students explore the interconnections between the land, ocean, atmosphere, and life of our planet. These include the cycles of water, carbon, rock, and other materials that continuously shape, influence, and sustain Earth and its inhabitants.

36657 *OSSM Hybrid AP Physics 1

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): PHY, PHYSC, SFC, AU

Prerequisite(s): Geometry, Algebra II (concurrent enrollment accepted)

Tulsa Public Schools has partnered with the Oklahoma School of Science and Math to offer hybrid courses to create more equitable course offerings across the district. These courses will take place online with monthly in-person sessions. Students will work at their home school in a designated space.

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their

understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque, and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. AP Physics 1 is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics.

In this course, students explore the interconnections between the land, ocean, atmosphere, and life of our planet. These include the cycles of water, carbon, rock, and other materials that continuously shape, influence, and sustain Earth and its inhabitants.

36511 Physical Science

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): PHYSC, SFC, AU, ELEC

Prerequisite(s): None

In this course, students explore matter and energy through the lenses of chemistry and physics. It is a basis for the further study of chemistry and physics.

Inquiry-based labs and investigations are used to give students hands-on learning and real-world applications.

Topics that will be studied include matter, the periodic table, elements, mixtures, compounds, chemical reactions, light and electromagnetic spectrum, energy, heat, motion, Newton's laws, and momentum.

36611 Physics

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): PHY, PHYSC, SFC, AU

Prerequisite(s): Completion or concurrent enrollment in Algebra II

This course uses inquiry-based lab investigations to explore real-world problems enabling students to recognize the nature and scope of physics and its relationship to the other sciences. Students will learn about foundational topics such as motion, forces, energy, momentum, heat and heat transfer, waves, electricity, and magnetism.

36641 *Physics IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): PHY, PHYSC, SFC, AU

Prerequisite(s): *Physics IBHL

This course provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36654 *Physics IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): PHY, PHYSC, SFC, AU

Prerequisite(s): *Physics B AP

This course serves as the foundation in physics for students intending college majors in the physical sciences or engineering. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on using critical thinking skills to solve a variety of challenging problems, some requiring calculus. The subject matter is principally either mechanics, or electricity and magnetism. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

36620 *Physics 1 AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): PHY, PHYSC, SFC, AU

Prerequisite(s): Algebra II or concurrent enrollment

AP Physics I is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. AP Physics 1 is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics.

While acceptance varies by university, students may earn college credit by taking the College Board AP Physics I Exam.

Mathematics

In accordance with state law (SB 1380), all students must complete three units of mathematics at and above the rigor of Algebra I, all students must also complete three units of mathematics during grades 9–12. While students may take Algebra I in middle school for high school credit, this does not count toward the required three high school math courses.

Students who complete Algebra I in middle school must still take three additional math courses during high school. Of these, at least two must be at a level above Algebra I, such as Geometry or Algebra II. The third required math course can be any mathematics class, including courses that are not above the rigor of Algebra I, such as Math of Finance or another Core Mathematics course.

This distinction often causes confusion because students who complete Algebra I in 8th grade have technically met the rigor requirement for two of the three required courses before finishing high school. However, they still need to take a third math course during high school to fulfill the three high school math courses requirement, even if that course is not above the level of Algebra I.

A table with examples of course progressions can be found below:

Scenario	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	Additional Notes
Student takes Algebra I in 9th grade	N/A	Algebra I	Geometry	Algebra II	Optional	All three math courses meet both requirements.
Student take Algebra I in 8th grade	Algebra I	Geometry	Algebra II	Any Math Course	Optional	Since Algebra I was taken in middle school, the third math can be any level.

College Prep Diploma Requirements

Students pursuing the College Prep diploma must complete:

- Algebra I
- Two additional mathematics courses above the level of Algebra I

These may include, but are not limited to: Algebra II, Geometry, Trigonometry, Math Analysis or Pre-Calculus, Calculus, and Statistics and/or Probability.

Core Diploma Requirements

Students on the Core Diploma must also complete:

- Algebra I
- Two additional mathematics courses above the level of Algebra I

To fulfill this requirement, students may take courses designated as Core Mathematics. Certain Tulsa Tech courses that meet Core Mathematics criteria may count as a third math credit, provided the course is taught by a highly qualified mathematics teacher. Not all students attending Tulsa Tech are required to be on the Core Diploma, only students who are meeting the third math requirement with a Core Mathematics course.

For students whose parent or guardian has opted them out of the College Preparatory/Work Ready Curriculum for the Core Diploma, Math of Finance and Intermediate Algebra may be used as a third math credit.

Mathematics courses should integrate the Actions and Processes standards. The increasing role of technology in instruction will alter the teaching and learning of mathematics. Calculators and computers should integrate throughout the curriculum so that the students can concentrate on the problem-solving process as well as the calculations associated with problems. Three units of math are required to be taken in high school.

Math

	College Preparatory Program (Meets OK Promise)	AP Academic Program AP Precalculus	AP Academic Program AP Calculus	AP Academic Program AP Statistics	TCC Programming	Core*
7 th grade	Mathematics 2	Mathematics 2	Pre-Algebra	Mathematics 2	Pre-Algebra	Mathematics 2
8 th grade	Pre-Algebra	Pre-Algebra	Advanced Algebra 1	Pre-Algebra	Algebra 1 or Advanced Algebra 1	Pre-Algebra
9 th grade	Algebra 1	Advanced Algebra 1	Advanced Geometry	Algebra 1 or Advanced Algebra 1	Geometry or Advanced Geometry	Algebra 1
10 th grade	Geometry	Advanced Geometry	Advanced Algebra 2	Geometry or Advanced Geometry	Algebra 2 or Advanced Algebra 2	Choose 1: Geometry, Intermediate Algebra, Math of Finance, Statistics & Probability
11 th grade	Algebra 2 ACT	Advanced Algebra 2 ACT	AP Precalculus ACT	Algebra 2 or Advanced Algebra 2 ACT	Concurrent ACT	Choose 1: Geometry, Intermediate Algebra, Math of Finance, Statistics & Probability ACT
12 th grade	(Option) Algebra 3, Stats & Probability, Concurrent	AP Precalculus	AP Calculus AB or AP Calculus BC	AP Statistics	Concurrent	

SB 1370 allows students on Core Diplomas to count certain Tulsa Tech courses for a mathematics credit. The courses which can count are listed in the Postsecondary Opportunities section under [Tulsa Tech](#). To receive this credit, the student must fill out and submit the Core Math Credit Request for Tulsa Tech Course Completion form listed in [Appendix B](#). A pdf version can be downloaded [HERE](#).

35011 Algebra I

Credit: 1 **Grades:** 9, 10 **OK Prom:** Yes
Credit Type(s): ALG1
Prerequisite(s): None

This course is a study of the most common types of relationships; linear (change at a constant rate), exponential (change by a constant factor), and quadratic (models of motion affected by gravity). These relationships will be used to make decisions between various real-world settings in order to make decisions. Students will learn how to make comparisons as the relations are presented in various forms (equations, graphs, tables, etc.). They will be required to manipulate expressions and equations into specific forms in order to expose qualities about the situations they represent. Additionally, students will expand on their work in Pre-Algebra concerning statistics to understand the influence of other factors on data. Specifically, they will understand how to read and make inferences from two-way tables, determine which statistical models are best model and predict outcomes based upon data, and understand the role of independence in probability models.

The course also sets students up for success in future math courses by providing a basic introduction to work around polynomials, solving compound equations, and graphs that are broken into pieces.

35016 Advanced Algebra I

Credit: 1 **Grades:** 9, 10 **OK Prom:** Yes
Credit Type(s): ALG1
Prerequisite(s): None

This course is a study of the most common types of relationships; linear (change at a constant rate), exponential (change by a constant factor), and quadratic (models of motion affected by gravity). These relationships will be used to make decisions between various real-world settings in order to make decisions. Students will learn how to make comparisons as the relations are presented in various forms (equations, graphs, tables, etc.). They will be required to manipulate expressions and equations into specific forms in order to expose qualities about the situations they represent.

Additionally, students will expand on their work in Pre-Algebra concerning statistics to understand the influence of other factors on data. Specifically, they will understand how to read and make inferences from

two-way tables, determine which statistical models are the best model and predict outcomes based upon data, and understand the role of independence in probability models.

The course also sets students up for success in future math courses by providing a basic introduction to work around polynomials, solving compound equations, and graphs that are broken into pieces.

As part of the Advanced coursework line, students will be presented with additional instruction that prepares them for topics in the Advanced Placement courses from the College Board.

35031 Algebra II

Credit: 1 **Grades:** 9, 10,11, 12 **OK Prom:** Yes

Credit Type(s): ALG2, MFC, AU

Prerequisite(s): Algebra I; Geometry highly recommended

This course is a study of more advanced types of relationships, the manipulations of the expressions and equations associated with them, and the various representations of those relationships. The types of relationships in the course include polynomial, rational, root, exponential, logarithmic, and trigonometric. In this course students also develop a geometric and algebraic connection between a function and its inverse if it has one. From this course the student will be expected to be able to read an equation as a set of instructions for taking the basic graph of the relations listed above, move it, and stretch or shrink it by a factor.

Students grow their understanding of what happens in solving equations to include the possibility that some techniques for solving equations can create extraneous solutions. They will understand why these solutions arise in certain types of equations and not others.

Students also complete their studies of numbers by studying what are called imaginary numbers, numbers that arise from taking the square root of a negative one. They learn how to perform operations on these types of numbers as well as what they mean graphically.

The course concludes with a final look at statistics as data is normalized and placed on a bell-shaped curve called a normal curve. They use this normal curve in making decisions and determining the validity of outcomes of studies.

35041 Advanced Algebra II

Credit: 1 **Grades:** 9, 10,11, 12 **OK Prom:** Yes

Credit Type(s): ALG2, MFC, AU

Prerequisite(s): Algebra I; Geometry highly recommended

This course is a study of more advanced types of relationships, the manipulations of the expressions and equations associated with them, and the various

representations of those relationships. The types of relationships in the course include polynomial, rational, root, exponential, logarithmic, and trigonometric. In this course students also develop a geometric and algebraic connection between a function and its inverse if it has one. From this course the student will be expected to be able to read an equation as a set of instructions for taking the basic graph of the relations listed above, move it, and stretch or shrink it by a factor.

Students grow their understanding of what happens in solving equations to include the possibility that some techniques for solving equations can create extraneous solutions. They will understand why these solutions arise in certain types of equations and not others.

Students also complete their studies of numbers by studying what are called imaginary numbers, numbers that arise from taking the square root of a negative one. They learn how to perform operations on these types of numbers as well as what they mean graphically.

The course concludes with a final look at statistics as data is normalized and placed on a bell-shaped curve called a normal curve. They use this normal curve in making decisions and determining the validity of outcomes of studies.

As part of the Advanced coursework line, students will be presented with additional instruction that prepares them for topics in the Advanced Placement courses from the College Board.

35111 Geometry

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): GEOM

Prerequisite(s): Algebra 1, credit for both first and second semesters

This course is a continued study of shapes and their connections to motions and distortion. Students will learn how to provide detailed mathematical descriptions of these motions to build an understanding of theorems. This helps reinforce the logic of the theorems and connect to their understandings established in Pre-Algebra.

Students visually establish the properties of shapes and are taught how to reconstruct formulas from patterns so that they rely less on memorization and become more intuitive.

Students will use their work from middle school in conjunction to their work in similarity to build special ratios called sine, cosine, and tangent. They will build an understanding why their ratios stay fixed despite the enlarging and shrinking of a right triangle. Students learn how to use these ratios to solve problems where an indirect measurement must be used.

Additionally, students build upon their work with shapes that have straight segment sides to relationships

between parts of circles, they use the tools of geometry and constructions to make the theorems they study more relevant and apparent, and they use a grid as a measuring tool.

35121 Advanced Geometry

Credit: 1 **Grades:** 9, 10, 11 **OK Prom:** Yes

Credit Type(s): GEOM

Prerequisite(s): Algebra 1, credit for both first and second semesters

This course is a continued study of shapes and their connections to motions and distortion. Students will learn how to provide detailed mathematical descriptions of these motions to build an understanding of theorems. This helps reinforce the logic of the theorems and connect to their understandings established in Pre-Algebra.

Students visually establish the properties of shapes and are taught how to reconstruct formulas from patterns so that they rely less on memorization and become more intuitive.

Students will use their work from middle school in conjunction to their work in similarity to build special ratios called sine, cosine, and tangent. They will build an understanding why their ratios stay fixed despite the enlarging and shrinking of a right triangle. Students learn

how to use these ratios to solve problems where an indirect measurement must be used. Additionally, students build upon their work with shapes that have straight segment sides to relationships between parts of circles, they use the tools of geometry and constructions to make the theorems they study more relevant and apparent and use a grid as a measuring tool.

As part of the Advanced coursework line, students will be presented with additional instruction that prepares them for topics in the Advanced Placement courses from the College Board.

World Languages

Communication is at the heart of second language study, whether the communication takes place face-to-face, in writing, or through reading. Through the study of other languages, students gain a knowledge and understanding of the cultures that use the language. Learning languages provides connections to additional bodies of knowledge that are unavailable to monolingual English speakers. Through comparisons and contrasts with the language studied, students develop greater insight into their own language and culture and realize that multiple ways of viewing the world exist. Together, these elements enable the student of languages to participate in multilingual communities at home and around the world in a variety of contexts and in culturally appropriate ways (National Standards in Foreign Language Education Project, 1996, p. 27). Students learn a language best when they are provided opportunities to use the target language to communicate in a wide range of activities. The more learners use the target language in meaningful situations, the more rapidly they achieve competency. Active use of language is central to the learning process; therefore, learners must be involved in generating utterances for themselves. They learn by doing, by trying out language, and by modifying it to serve communicative needs (National Standards in Foreign Language Education Project, 1996, p 37).

World Languages 9-12th

	Traditional	AP	IB	Online Partnership	Heritage
Spanish	I-VII, Adv. I-II, CCC III-VI	Lang & Cult., Lit & cult.	IBSL I, IBSL II, IBHL I		I-II
French	I-VI, Adv. I-II, CCC III	Lang & Cult.	IBSL I, IBSL II, IBHL I		
German	I-V, Adv. I-II	Lang & Cult.	IBSL I, IBSL II, IBHL I		
Russian	I-V		IBSL I, IBSL II, IBHL I		
Chinese	I - VI	Lang & Cult.	IBSL I, IBSL II		
Japanese	I-V		IBSL I, IBSL II, IBHL I		
Latin	I-V, Adv. I-II		IBSL I, IBSL II, IBHL I		
Choctaw				I	
Cherokee				I	
Muscogee				I	

34501 American Sign Language I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This course, designed for students with no or minimal sign language skills, presents the fundamentals of American Sign Language (ASL) whereby students develop expressive and receptive language skills through learning basic vocabulary, grammatical structures, and cultural awareness, with a major emphasis place on receptive skills. This course emphasizes the cultural practices distinct to those who approach the world from a visual perspective. Students will learn how to use complete sentences to describe objects and express likes, dislikes, and preferences.

They will learn how to follow simple signed messages and short conversations.

34503 American Sign Language II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): American Sign Language I

is course is a continuation of ASL I and gives students continued practice of the communication mode most used by the deaf community in the United States. This course emphasizes the cultural practices distinct to those who approach the world from a visual perspective. Upon completing the course, students will be proficient enough in expressive sign language to be able to carry

on a conversation with a native signer with some experience conversing with non-native signers.

34700 Ancient Greek I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This course will focus on the basic Introduction of classical Ancient Greek vocabulary and grammar. From the very beginning students will be introduced to Greek narratives interwoven with ancient Greek history and culture.

Also included is a study of English derivatives of the Greek language and their relevance to government, medicine, logic, science, and the arts.

34507 Arabic I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34695 Cherokee I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, will cover the world language standards applicable to Cherokee. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior.

34511 Chinese I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural

understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34531 Chinese II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34541 Chinese III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34551 Chinese IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways.

Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34561 Chinese V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34567 Chinese VI

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese V

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34544 *Chinese IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events,

make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34547 *Chinese IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese III or Chinese IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34569 *Chinese Language and Culture AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Chinese III or Chinese IBSL I

In this course by the AP College Board, students will develop their target language skills and learn about the cultures in target language-speaking parts of the world. Students will practice communicating in the target language, holding conversations in real-life situations, and study real-life materials such as newspaper articles, films, music, and books, exploring concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students will also practice writing stories, letters, emails, essays, and other texts. This course is equivalent to an intermediate level college course in the target language and is designed to prepare students to take the AP Language and Culture Exam, which will test their ability to apply communication and language skills developed in the course and ask them to demonstrate their understanding

of target language-speaking cultures. Students may earn college credit for successful scoring on the Advanced Placement Examination.

34697 Choctaw I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, will cover the world language standards applicable to Choctaw. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior.

34571 French I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34577 Advanced French I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level I classes. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34581 French II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34594 Advanced French II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level II classes. Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34611 French III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication

exploring themes that provide opportunities to utilize a full range of structure and skills

34621 French III CCC

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Previous year of study needs to be completed successfully

This course is designed to give students an emphasis on the study of culture, civilization, and conversation. Students will explore the target language world through the study of geography, history, traditions, art, cultural projects, and culinary experiences. Students will develop conversation skills through vocabulary based on everyday situations.

34586 *French Language and Culture AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French III

In this course by the AP College Board, students will develop their target language skills and learn about the cultures in target language-speaking parts of the world. Students will practice communicating in the target language, holding conversations in real-life situations, and study real-life materials such as newspaper articles, films, music, and books, exploring concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students will also practice writing stories, letters, emails, essays, and other texts. This course is equivalent to an intermediate level college course in the target language and is designed to prepare students to take the AP Language and Culture Exam, which will test their ability to apply communication and language skills developed in the course and ask them to demonstrate their understanding of target language-speaking cultures. Students may earn college credit for successful scoring on the Advanced Placement Examination.

34631 French IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social and professional topics in mostly informal and some formal settings.

34641 French V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social and professional topics in mostly informal and some formal settings.

34644 French VI

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French V

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social and professional topics in mostly informal and some formal settings.

34614 *French IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to

participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34617 *French IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French III or French IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34634 *French IBHL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): French IV or French IBSL II or AP French course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination

34651 German I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency. Focus is placed on comprehension and beginning communication in the language.

34654 Advanced German I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level I classes. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency. Focus is placed on comprehension and beginning communication in the language.

34661 German II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world

community. Focus remains on oral proficiency, while reading and writing are emphasized.

34664 Advanced German II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German I

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34671 German III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German II

This course builds on existing knowledge from previous courses in this sequence to advanced vocabulary and grammar, aiming to improve communication skills across interpersonal, interpretive, and presentational modes. It also continues exploring the cultural aspects of the target language-speaking community, deepening students' understanding of cultural products, practices, and perspectives. Students engage in oral and written communication, exploring various themes to utilize a wide range of linguistic structures and skills in both creative and real-life contexts.

34679 Advanced German III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level III classes. The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34681 German IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34691 German V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34677 *German Language and Culture AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): German III

In this course by the AP College Board, students will develop their target language skills and learn about the cultures in target language-speaking parts of the world. Students will practice communicating in the target language, holding conversations in real-life situations, and study real-life materials such as newspaper articles, films, music, and books, exploring concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students will also practice writing stories, letters, emails, essays, and other texts. This course is equivalent to an intermediate level college course in the target language and is designed to prepare students to take the AP Language and Culture Exam, which will test their ability to apply communication and language skills developed in the course and ask them to demonstrate their understanding

of target language-speaking cultures. Students may earn college credit for successful scoring on the Advanced Placement Examination.

34674 *German IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): German II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination

34669 *German IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): German III or German IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34684 *German IBHL

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): German IV or German IBSL II or AP German course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34991 Heritage Spanish I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): Oral proficiency in Spanish

This beginning course is designed to meet the language needs of students who are heritage speakers of Spanish with strong listening and speaking skills, but no previous study of the language. The course will enhance reading and writing, emphasizing interpersonal, presentational, and interpretive proficiency and intercultural communication at a more accelerated pace than traditional Spanish I classes.

34870 Heritage Spanish II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): Oral proficiency in Spanish

This course reinforces and expands the fundamental language acquired by students in Heritage Spanish I and introduces more vocabulary and grammatical structures. This course is designed to meet the language needs of students who are heritage speakers of Spanish with strong listening and speaking skills. The course will enhance reading and writing, emphasizing interpersonal,

presentational, and interpretive proficiency and intercultural communication at a more accelerated pace than traditional Spanish II classes.

34721 Italian I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34725 Italian II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Italian I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34731 Japanese I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community.

Focus is placed on comprehension and beginning communication in the language.

34741 Japanese II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34758 Japanese III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34767 Japanese IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and

professional topics in mostly informal and some formal settings.

34771 Japanese V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34751 *Japanese IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34754 *Japanese IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese III or Japanese IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings

of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34761 *Japanese IBHL

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Japanese IV or Japanese IBSL II or AP Japanese course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34773 Korean I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of

communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34775 Korean II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Korean I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34776 Korean III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Korean II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34777 Korean IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Korean III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational).

Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social and professional topics in mostly informal and some formal settings.

34781 Latin I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This course introduces the student to the language, culture, and history of ancient Rome and its people. Vocabulary will be emphasized throughout this course, so the students can gain valuable linguistic knowledge, tools, and techniques that will support the preparation for the SAT/ACT College entrance exams. Students will participate in daily discussions concerning Latin translation, Greco-Roman mythology, and the sociopolitical makeup of the ancient Mediterranean world to learn how these constructs affect our modern world.

34786 Advanced Latin I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This course engages the student in the study of the Latin language with emphasis on pronunciation, vocabulary, grammatical constructions, and English derivatives. The study of Roman culture is integrated into an emphasis on reading and interpreting classical literature. The course prepares students for Advanced Placement courses in Latin.

34791 Latin II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin I

This course intensifies the student's grammatical skill by introducing finer points of Latin grammar and composition. Vocabulary lessons will be augmented greatly in order to provide a basis for successful translation. In-depth discussions and compositions will address the history and legacy of the Roman Empire as well as the influence of the Romans upon western civilization. Students will gain understanding of ancient Mediterranean life, and its legacy in the modern world.

34801 Advanced Latin II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin I

This course engages the student in the study of the Latin language with emphasis on pronunciation, vocabulary, grammatical constructions, and English derivatives. The

study of Roman culture is integrated into an emphasis on reading and interpreting classical literature. The course prepares students for Advanced Placement courses in Latin.

34811 Latin III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin II

This course continues the enhancement of Latin grammar and vocabulary skills through an intensive study of Latin literature and history. With daily exercises in Latin translation, the linguistic and artistic aspects of advanced Latin poetry and prose will be explored. Students will begin to evaluate literature interpretively with attention paid to secondary sources of criticism. The course will provide an extensive review of Latin grammar and idiom, which will begin to solidify the student's mastery of the Latin language. Students successfully completing the course will be prepared for collegiate Latin study.

34821 Latin IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin III

This course expands the student's exposure to various genres and authors of Latin literature. Daily translation and sight-reading passages will allow mastery of Latin grammar and vocabulary. The various authors studied will include selections from Virgil Cicero, Julius Caesar, Catullus, Ovid, and Sallust. The study of these authors will allow students to develop fully their abilities to read, translate, and analyze advanced pieces of Latin prose and poetry. In addition, discussion will focus on the historical and cultural legacy of these Latin authors. Students successfully completing the course may earn college credit through a successful performance on college placement examinations or the AP Latin examination.

34827 Latin V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin IV

This course will provide advanced students with a complete review of all Latin grammar utilized by ancient Roman authors. Idiom and poetic constructions will be emphasized.

34814 *Latin IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized

into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34817 *Latin IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin III or IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34824 *Latin IBHL

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin IV or IBHL II or AP Latin course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive

skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34794 Latin-Virgil AP*

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Latin III

The AP Latin course provides an in-depth study of the two major works of classical Latin literature that are featured on the AP Latin Exam: Vergil's Aeneid and Caesar's Gallic War. Students will translate major excerpts of each work, focusing on Latin vocabulary, literary techniques and character analysis, recognition of motif and theme, the Roman concepts of leadership, war, and conquest, Roman history, and Greco-Roman mythology. In addition to translation, students will study essay composition in both Latin and English to produce well-structured literary analyses of the texts. Sight-readings of additional Latin authors also are featured in the course.

34701 Modern Greek I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34699 Muscogee Language I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, will cover the world language standards applicable to Muscogee I. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior.

34698 Osage Language I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This Native American language course will teach beginning fundamentals of the Osage language. This course will enhance sounds, alphabets, rules, noun phrases, colors, subjects, numbers, past tense, future tense, pronoun learning to read, write and speak in the language, ask questions, and respond in answers, correct grammatical structure.

34831 Russian I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34841 Russian II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target

language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34851 Russian III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34863 Russian IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34865 Russian V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and

professional topics in mostly informal and some formal settings.

34854 *Russian IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34859 *Russian IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Russian III or IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34861 *Russian IBHL I**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** WL, AU, ELEC**Prerequisite(s):** Russian IV or IBSL II or AP Russian course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34871 Spanish I**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** WL, AU, ELEC**Prerequisite(s):** None

This beginning course, designed for students with no previous study of the language, emphasizes the initial development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational). Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34874 Advanced Spanish I**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** WL, AU, ELEC**Prerequisite(s):** None

This beginning course, designed for students with no previous study of the language, emphasizes the initial

development of survival level communication skills. Students begin development in all 3 modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level I classes. Students gain awareness of the target language cultures as well as cross-cultural understanding of other people's worldviews, their ways of life, and their patterns of behavior. Students will develop a basic level of proficiency by using the language both in school and in the world community. Focus is placed on comprehension and beginning communication in the language.

34881 Spanish II**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** WL, AU, ELEC**Prerequisite(s):** Spanish I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34887 Advanced Spanish II**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** WL, AU, ELEC**Prerequisite(s):** Spanish I

This course reinforces and expands the fundamental language acquired by students in Level I and introduces more vocabulary and grammatical structures. The course offers students opportunities to continue developing improved communication skills in all three modes of communication (Interpersonal, Interpretive, and Presentational) at a more accelerated pace than traditional Level II classes. Students increase cultural appreciation and understanding of other people's worldviews, ways of life, and patterns of behavior as well as their knowledge and understanding of cultural products, practices, and perspectives of the target language-speaking world. Students are encouraged to create with language both in school and in the world community. Focus remains on oral proficiency, while reading and writing are emphasized.

34891 Spanish III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish II

This course builds on previously learned material and develops more complex vocabulary and grammatical structures to further enhance communication skills to a functional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). The cultural survey of the target language-speaking people is continued as students enhance their knowledge and deepen their understanding of the relationship of cultural products, practices, and perspectives of the target language-speaking world. Students comprehend and produce oral and written sentences and paragraphs and participate in creative and real-life communication exploring themes that provide opportunities to utilize a full range of structure and skills.

34911 Spanish III CCC

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish II

This course is designed to give students an emphasis on the study of culture, civilization, and conversation. Students will explore the target language world through the study of geography, history, traditions, art, cultural projects, and culinary experiences. Students will develop conversation skills through vocabulary based on everyday situations.

34914 *Spanish Language and Culture AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish II

In this course by the AP College Board, students will develop their target language skills and learn about the cultures in target language-speaking parts of the world. Students will practice communicating in the target language, holding conversations in real-life situations, and study real-life materials such as newspaper articles, films, music, and books, exploring concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students will also practice writing stories, letters, emails, essays, and other texts. This course is equivalent to an intermediate level college course in the target language and is designed to prepare students to take the AP Language and Culture Exam, which will test their ability to apply communication and language skills developed in the course and ask them to demonstrate their understanding of target language-speaking cultures. Students may earn college credit for successful scoring on the Advanced Placement Examination.

34916 *Spanish Literature and Culture AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish III or AP Spanish Language

In this course by the AP College Board, students continue to develop their interpretive, interpersonal, and presentational skills in the target language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry by authors from the target language-speaking world, along with other non-required texts. This course is equivalent to a college-level introductory survey course of literature written in the target language. Students may earn college credit for successful scoring on the Advanced Placement Examination.

34921 Spanish IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish III

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34927 Spanish IV CCC

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish III CCC

This course is designed to give students an emphasis on the study of culture, civilization, and conversation. This course is a continuation of Spanish III CCC. This course is designed to give students an emphasis on the study of culture, civilization, and conversation. Students will explore the target language world through the study of geography, history, traditions, art, cultural projects, and culinary experiences. Students will broaden their cultural perspective of the target language and their conversational skills.

34931 Spanish V

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication

(Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social and professional topics in mostly informal and some formal settings.

34937 Spanish V CCC

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish IV CCC

This course is designed to give students an emphasis on the study of culture, civilization, and conversation. This course is a continuation of Spanish IV CCC. Students will continue to explore the Hispanic world through the study of famous Spanish artists and their work. The texts develop topics of deeper discussion about the Hispanic culture within the United States and abroad.

34979 Spanish VI

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish IV

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34977 Spanish VI CCC

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish V CCC

This course is designed to give students an emphasis on the study of culture, civilization, and conversation. This course is a continuation of Spanish V CCC. Students will continue to explore the Hispanic world through the study of famous Spanish artists and their work. The course will emphasize discussion about the Hispanic culture within the United States and abroad.

34981 Spanish VII

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish VI

This course builds on previously learned materials and expands specialized vocabulary and grammatical structures to further develop communication skills to a professional level in all three modes of communication (Interpersonal, Interpretive, and Presentational). Students explore global issues with deepened reflection on cultural values and attitudes and become more proficient in interacting in culturally appropriate ways. Students comprehend and produce oral and written paragraphs dealing with concrete and factual topics of public interest as well as practical, social, and professional topics in mostly informal and some formal settings.

34894 *Spanish IBSL I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish II

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34897 *Spanish IBSL II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WL, AU, ELEC
Prerequisite(s): Spanish III or Spanish IBSL I

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are

appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

34924 *Spanish IBHL

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WL, AU, ELEC

Prerequisite(s): Spanish IV or Spanish IBSL II or AP Spanish Course

In this course, students will develop the ability to communicate in the target language through the study of language, themes, and texts. The course is organized into five prescribed themes: identities, experiences, human ingenuity, social organization, and sharing the planet. Students will develop conceptual understandings of how language works, and communication is

evidenced through receptive, productive, and interactive skills across a range of contexts and purposes that are appropriate for the level of the course. The development of international-mindedness is one of the key aims of the course. Students describe situations, narrate events, make comparisons, explain problems, and state and support their personal opinions on a variety of topics relating to course content. Students produce a wide variety of oral and written texts for audiences, contexts, and purposes associated with academic and personal interests. At HL (Higher Level), students are required to study two literary works originally written in the target language and are expected to extend the range and complexity of the language they use and understand in order to communicate.

This course is for students who wish to participate in the International Baccalaureate program and will consist of rigorous preparation for the IBSL test. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

Computer Technology Education and Computer Science

Students are required to take either Computer Technology Education/Computer Science OR World Language courses as a graduation requirement. This section provides specific course information for Computer Technology Education (CTE) and Computer Science (CS) courses offered at TPS.

Computer Technology Education

Computer Technology Education (CTE) credit is one component of the State of Oklahoma's high school graduation requirements. Students can earn CTE credit by taking [Career Tech](#) courses that count for the CTE credit. While not all Career Tech courses count for CTE credit, many of them do. You can find all the Career Tech courses in the Career Tech section. You can identify Career Tech courses that count for CTE credit by looking for CTE on the Credit Type(s) line below the course name.

Computer Science

30245 Advanced Programming

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Students will be able to demonstrate an understanding of programming languages by implementing and writing programs employing various techniques.

30143 Computer Repair and Troubleshooting I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Students will prepare for positions related to the maintenance of computers and computer-related equipment through hands-on and project-based learning, textbook assignments, and Internet research. The focus of this course is in the hardware area. This course meets the computer technology graduation requirement.

30145 Computer Repair and Troubleshooting II

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Computer Repair and Troubleshooting I

Students will continue in preparation for employment related to the maintenance of computers and computer-related equipment through hands-on and project-based learning, textbook assignments, and Internet research. This course provides advanced skills in troubleshooting, repair, maintenance, and upgrading of systems, applications, software programs and

hardware. This course meets the computer technology graduation requirement.

35611 Computer Science I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, **COREMTH, CS
Prerequisite(s): Geometry

This course, which requires no previous computer experience, introduces students to problem solving in computer programming. It will present programming concepts through the study of a high-level language. Students will learn the language syntax, modular programming concepts, data types, loops, arrays, and branching. A second semester may include records, file handling, sorting, searching, and additional topics. **COREMTH credit if taught by a math-certified teacher.

35621 Computer Science II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, **COREMTH, CS
Prerequisite(s): Computer Science I

This course offers students an Introduction to a disciplined approach to problem solving and application development using an object-oriented computer programming language (JAVA) and a complete software development environment. Topics will include design, coding, debugging, and testing. **COREMTH if taught by a math-certified teacher

30152 Computer Science Discoveries

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Computer Science Discoveries takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

30155 Computer Science Essentials

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): None

This course is an excellent entry point for high school students interested in computer science. It introduces

students to programming through an approachable block-based programming language which will allow students to have early success in creating usable apps. They will transition to text-based programming and be introduced to the computer language Python.

30151 Computer Science A (CTE) AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

This course builds on the basic skills taught in AP Computer Science Principles – CTE (PLTW) to teach students authentic Android™ app development. Topics include Java, Vanilla Android™ development, advanced Android™ features, games and algorithms, and the LibGDX Game development framework.

35631 *Computer Science IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Geometry

This course emphasizes programming methodologies with a concentration on problem solving and algorithm object-oriented programming, arrays and vectors, searching and sorting. The language used for this course must be a high-level language that supports modular programming. Recommended languages include C++, JAVA, and Visual Basic. The International Baccalaureate syllabus requires a dossier (documentation of a program's design). The student may earn college credit for successful scoring on the International Baccalaureate Examinations. This course meets the computer technology graduation requirement.

35651 *Computer Science IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Geometry and Computer Science A IBSL

This course includes all the topics studied in IBSL and also includes Boolean Logic, advanced data structures (including stacks and queues, trees, and heaps), algorithm analysis including big-Oh, System Life Cycle, and File Organization. This course emphasizes programming methodologies with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first and second semester course in Computer Science. The course includes these topics: data types, loops, decisions, functions (including recursive), object-oriented programming, arrays, vectors, linked lists, searching and sorting, abstract data types (including stacks and queues, trees, and heaps), and algorithm analysis including big-Oh. The language used for this course is JAVA. Students may earn college credit for successful scoring on the International Baccalaureate Examination. This course meets the computer technology graduation requirement. (Available at Washington only)

30153 Computer Science Principles

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): None

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

35641 Computer Science A AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Geometry

This course emphasizes programming methodologies with a concentration on problem solving, object-oriented design, and algorithm development; and is meant to be the equivalent of a first semester college course in Computer Science. The course includes these topics: data types, loops, decisions, methods (including recursive), object-oriented programming, inheritance (including abstract classes and interfaces), one-dimensional arrays, standard algorithms (including traversing, inserting, deleting, searching, and sorting), testing and error handling. Students should be able to keyboard. The student may earn college credit for successful scoring on the Advanced Placement Examination. The language used for this course is consistent with the AP Exam (currently JAVA).

30150 Computer Science Principles AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Algebra I

Students are provided with learning opportunities that focus on the 6 Computational Thinking Practices defined by the College Board; connecting computing, creating computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. In addition, the content will focus on the big ideas of Computer Science: creativity, abstraction, data and information, algorithms, programming, the Internet, and global impact.

The specific enduring understandings, learning objectives, and essential knowledge can be found in the AP Computer Science Principles Curriculum Framework Guide.

30398 Cybersecurity Basics

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC, CS
Prerequisite(s): None

This course uses the concepts learned from Course 1 to further develop students' problem-solving strategies and skills needed by the 21st-century workforce. Students will continue to explore emerging technologies and techniques in the context of addressing authentic projects. Key concepts introduced in this course include sustainability and environmental trends, systems thinking, and trend analysis and prediction. Through engagement, students will experience the necessary connection between literacy, mathematics, and science in a variety of hands-on, real-world projects requiring them to apply academic and technical concepts and skills and technology to complete.

30156 Cybersecurity (PLTW)

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): None

This course gives students broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially "outside the box" thinking. Topics include personal security, system security, network security, and applied cybersecurity.

30185 Internet of Things (IoT) Fundamentals

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Cisco Networking Academy's IoT Fundamentals curriculum provides students with a comprehensive understanding of the Internet of Things (IoT). It develops foundational skills using hands-on lab activities that stimulate the students in applying creative problem-solving and rapid prototyping in the interdisciplinary domain of electronics, networking, security, data analytics, and business. The student-centric approach translates into the student being able to ideate, design, prototype and present an IoT solution for an identified business or society need.

30497 Introduction to Data Science and AI

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): COMPSCI, ELEC, CS
Prerequisite(s): None

This course is designed to integrate with the other courses in the Engineering Academy at Memorial. The field of engineering is very diverse. Other courses at Memorial focus on the principles of the field and may emphasize mechanical and civil components. The intent of this course is to look at the brains of mechanical and information systems, artificial intelligence (AI). It seems that AI is being implemented everywhere right now, and the field will continue to grow. If you are looking to have a career in a STEM field, you need to develop a basic understanding of AI: what it is, how it is trained, and what it can (and cannot) do. The goal of this course is to introduce you to the area, develop skillsets that will help you understand the field, and even construct our own AI models. To achieve these goals, we need to build a toolbox of skills that we can utilize. This includes programming in Python, statistical analyses, visualization of data, and the basics of machine learning. Over the course of the school year, we will develop these tools by completing projects along the way. By the end of the school year, we will be actively programming and training our own AI. We will also continue previous activities within the engineering academy such as drone training and flying, robotics activities, and VR simulations.

30221 Routing and Switching I

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Students will cover curriculum pertaining to networking basics and routers/routing basics, which is the first half of four courses leading to the Cisco Certified Network Associate (CCNA) designation. This course meets the computer technology graduation requirement.

Career & Technology Education

Tulsa Public Schools offers a wide variety of Career Technology (CT) courses at the middle school and high school level. Courses are available in technology, family and consumer sciences, culinary arts, business, agriculture, STEM, broadcasting, and marketing. These courses are open to any student who has completed the required prerequisite courses. Through these courses, students have the opportunity to earn certifications that will assist them in their professional lives.

Agriculture

30030 Agricultural Power and Technology

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science and Introduction to Agricultural Power and Technology

This is a one-credit course that builds upon the Introduction to Agricultural Power and Technology course. It is for students who wish to develop knowledge and skill in tractors, implements, engines, and related technologies. Major content includes meaning and use of agricultural power; personal and occupational safety; kinds, uses, and maintenance of agricultural tractors; kinds and uses of crop production equipment (including tillage, planting, application, and harvesting equipment); internal combustion engine principles and maintenance, including those using gasoline, diesel, and alternative fuels; tractor power trains; electronics, including sensors, controllers, and onboard computers; and electric motors. FFA and supervised experience will also be included as appropriate.

30033 Agricultural Structures

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This is a one-credit course that develops knowledge and skill in planning, constructing, and maintaining agricultural structures. Content includes the kinds and importance of structures; personal and occupational safety; sketching, drawing, and plan reading; selection, use, and maintenance of power tools; laying out structures; placing and finishing concrete and masonry units; lumber and other wood building materials, including fasteners and hardware; using metal and plastics in construction; framing agricultural buildings; installing plumbing and electrical systems; roofing and ventilation systems; and applying paint and other coatings. FFA and supervised experience will be included as appropriate.

30014 Agriscience II

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

Building on skills developed in Introduction to Agricultural sciences, students will develop a greater depth of knowledge in animal science, plant science, agriculture mechanics, record keeping, public speaking, and leadership. Students have the opportunity to compete in activities through the Future Farmers of America (FFA).

30396 Aviation I

Credit: 1 **Grades:** 9

OK Prom: No

Credit Type(s): ELEC

Prerequisite(s): None

This course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also learn about the wide variety of exciting and rewarding careers available to them. The ninth-grade course will inspire students to consider aviation and aerospace careers while laying the foundation for continued study.

30041 Equine Science

Credit: 1 **Grades:** 10, 11, 12

OK Prom: No

Credit Type(s): ELEC

Prerequisite(s): None

This course is designed for students with an interest in horses and careers associated with the field of equine management. Content includes the importance of equine, breeds, anatomy, and physiology, nutrition and feeding, facilities, production practices and disease and pest control. It also provides grooming, equitation, tack, and safety.

30036 Greenhouse Production and Floral Design

Credit: 1 **Grades:** 10, 11, 12

OK Prom: No

Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science and Introduction to Horticulture

This is a one-credit course for students with interests in acquiring knowledge and skill in greenhouse plant production and floral design. Content includes the role and importance of greenhouse production and floral

design, safety, plant anatomy and growth, plant propagation, growing structures, climate control, automation, media and plant nutrition, watering, disease and pest management, and cultural practices with bedding plants, including cuttings, and layering, bulbs, corms, tubers, and seed-borne flowering crops. Content also includes importance of floral design, care and handling of fresh flowers, principles of design, floral tools and supplies, containers, corsages, boutonnieres, centerpieces, and holiday arrangements. FFA and supervised experience will be included as appropriate.

30019 Introduction to Agricultural Communications

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

This course introduces the broad field of agricultural communications and provides for the development of knowledge and skill in specific areas related to communications theory and practice. Content includes the meaning and process of communication, the role and history of print and electronic media, legal aspects of agricultural communications, news and feature writing in agriculture, news photography, layout and design, and ethics in agricultural communications. May also include web design and broadcast journalism in agriculture.

30028 Introduction to Agricultural Power and Technology

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

This is a course to develop knowledge and skill in the fundamentals of agricultural mechanics and power equipment. Physical science and mathematics principles will be integrated throughout the course. Major areas of content include the meaning and importance of agricultural mechanics and power; personal and employability safety; identifying, using, and maintaining common hand and power tools; planning and organizing facilities and shops; using measuring devices; selecting and using wood and metal materials; using fasteners and hardware; preparing and using simple project plans; metal fabrication; and machinery and engines. FFA and supervised experience will also be included as appropriate.

30021 Introduction to Agricultural Science

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): None

This course is designed to introduce students to the world of agriculture. Upon completing this course, students will be able to understand and apply basic concepts in animal science, plant science, agriculture mechanics, record keeping, public speaking, and leadership. It will also give students the opportunity to

compete in activities through the Future Farmers of America (FFA).

30037 Introduction to Animal Science

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

The Introduction to Animal Science course is a one-unit course structured to provide a sound foundation for advanced courses. The course is designed for students interested in learning the fundamentals of science-based animal agriculture. The content includes the importance and scope of agricultural animals, taxonomy, anatomy, physiology, reproduction, nutrition, health and disease management, facilities and equipment, and production practices of popular species. Evaluation, fitting, showing, and marketing are included. Animal ethics and safety are also included. FFA and supervised experience are integral in the course, as appropriate.

30789 Introduction Construction

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): None

Also known as Construction II. Students will explore how to safely use manual and power tools. They will build a knowledge of the skills for entry-level positions in a variety of construction occupations. This course will offer hands-on activities to allow a student to build experience in construction trades.

30017 Introduction to Food Science

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

This course is intended for students who are interested in the food industry. Content includes the meaning and importance of food, careers in the food industry, food safety principles, food and nutrients, world hunger, microbiology, food processing and preservation, transportation, storage and merchandising, the food service industry, and product development. Students will be eligible to be part of FFA.

30031 Introduction to Horticulture

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Introduction to Agricultural Science

This course is designed to introduce students to horticulture as a field of study. Students will learn to apply scientific principles and concepts through classroom and hands-on experiments. This course will also strengthen the students' knowledge of science and given them a better understanding of the environment, plant growth, plant classification and identification, and the importance of soil. It will also introduce the students

to the careers and opportunities available in the field of horticulture.

30029 Small Animal and Veterinary Assisting

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Introduction to Agricultural Science

This course focuses on animals kept as service, companion, and laboratory animals, including dogs and cats. Content includes species and importance of small animals, anatomy and physiology, nutrition and feeding, disease and health management, reproduction, facilities, and wellbeing. Content areas related to veterinary assisting include asepsis, animal restraint and safety, animal positions and terminology, vital signs, equipment, laboratory testing, and administration of medications. FFA and supervised experience will be included as appropriate.

30038 Wildlife Science and Management

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Introduction to Agricultural Science

Wildlife Science and Management is a one-credit course for students interested in wildlife and its conservation and ecology as well as enjoying wildlife through sport hunting and fishing. Course content includes meaning and importance of wildlife species, history of wildlife conservation, safety with wildlife, species identification, endangered species, wildlife biology and ecology, habitat protection and establishment, protection of wildlife (animals, plants, and other species), legal regulations, and hunter safety. FFA and supervised experience will be included as appropriate.

Business, Marketing, and Information Technology (BMITE)

30125 Accounting I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology

This course will provide students with a strong foundation in generally accepted accounting principles and techniques needed for success in careers in accounting or other business-related fields.

30128 Accounting II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Accounting I

This course will provide students with a strong foundation in advanced accounting principles and techniques needed for success in careers in accounting or other business-related fields.

30332 Advanced Design Techniques

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Web Design, Design Tools and Electronic Marketing, or Non-linear Digital Production

In this course, students will enhance web design and animation skills while mastering design techniques and methods. The goal for students is to become highly skilled web designers.

30112 Advanced Digital Video Tools and Techniques

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Digital Media Production

Students will be exposed to emerging technology as they utilize digital video equipment and software to enhance productions. Students will generate/package projects for a wide degree of playback compatibility.

30245 Advanced Programming

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Students will be able to demonstrate an understanding of programming languages by implementing and writing programs employing various techniques.

30325 Advanced Technology for Design Production

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): None

This course will engage students in the use of modern technologies in the design and improvement of products. Students will use three-dimensional CAD software in the creation and analysis process. Students will document designs using standards set by industry for design documentation. Students will implement methods of green production and just-in-time component supply which allow for the lowest cost and highest quality products. Students will design and troubleshoot data acquisition, programmable logic control, process monitoring, automation and robotic systems. Students will incorporate sensing and vision systems, utilizing cameras and sensors to control automated systems.

30305 Advertising Strategies

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology

This is a course of study in the basic functions of advertising; its role in marketing communications mix; economics, consumer behavior, and social influence. Students will explore advertising techniques and the technology used in advertising institutions and media; campaigns and appropriations; retail and business-to-

business aspects to develop and implement a promotional plan. Students will participate in career development and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

30425 Applied Sciences of Aircraft Maintenance

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): CTE, ELEC

Prerequisite(s): Aircraft Materials and Corrosion Control and Regulations and Ground Operations

Upon completion of this course, students will understand the various tools and measuring devices used daily by aviation technicians during routine and special maintenance tasks. Students will gain a basic understanding of the different measurement and marking tools for performing fabrication, maintenance, and installation accurately and without causing collateral damage. Students will gain an understanding of fluid mechanics and aerodynamics to properly maintain an aircraft. This course offers multimedia learning tools covering critical topics such as type certificate data sheet, weight and balance data, procedures for weight and aircraft, weight and balance equipment, and terminologies. Learners are guided in understanding and exploring these concepts through various multimedia elements, interactivity, testing, and evaluation designed to engage throughout the learning process.

30326 Architectural Computer-Aided Drafting and Design

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CTE, ELEC

Prerequisite(s): None

This course is a basic Architectural Drafting course utilizing Computer-Aided Drafting and Design (CADD) software that develops computer skills and electronic skills and applications within the field of architectural drafting. Topics covered are advanced computer operations, introduction to residential architecture drafting, CADD application software, site conditions/plot plans, lettering and tools, residential design/room layout, structural systems and building materials, working drawings/floor plans and details, dimensioning, foundations, electrical/mechanical/plumbing, presentation drawings, interior and exterior elevations, roof plans, commercial architectural drafting, structural steel framing plans, pre-cast concrete, framing plans, foundations and walls and structural wood.

30115 Audio Production

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Fundamentals of Technology

Students will become familiar with professional audio editing software that can be used to edit, mix, and produce quality sound effects for video presentations.

30426 Basic Electricity

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): CTE, ELEC, AU

Prerequisite(s): Aircraft Materials and Corrosion Control and Regulations and Ground Operations

The course addresses the fundamental concepts that are the building blocks for advanced electrical knowledge and practical troubleshooting. Some of the questions addressed are: How does energy travel through a copper wire and through space? What is an electric current, electromotive force, and what makes a landing light turn on or a hydraulic pump motor run? Each of these questions requires an understanding of many basic principles. By adding one basic idea on top of other basic ideas, it becomes possible to answer most of the interesting and practical questions about electricity or electronics. Technicians need to be able to practically apply these concepts to be successful in the field of aviation maintenance.

30116 Broadcast Production

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Digital Media Production or Multimedia and Image Management Techniques

This course emphasizes customer service, marketing, project management techniques and professionalism as students complete video-based projects for broadcast production. Students complete numerous projects that will be included in their portfolios as they acquire skills in advanced video editing and production. (This course is suggested for Video Editor and Video Production Assistant programs.)

30329 Business and IT Capstone

Credit: 1 **Grades:** 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): 3 Courses in BMITE

Internships, project-based instruction, and additional industry certifications will be utilized in this course to reinforce skills obtained within any Business and Information Technology Career Major. Students will make final preparations for industry certifications as they master outlined competencies. Students will select from various project options to finalize portfolios that highlight skills and certifications. Students may also undertake special projects, cross-train, or participate in workplace learning opportunities to enhance skills in accordance with industry demands.

30308 Business and IT Internship

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Fundamentals of Technology

This course provides students with the opportunity for a business/information technology internship that aligns with their BITE program of study. Students must have

completed or be currently enrolled in a minimum of 120 clock hours (1 unit or credit) of CareerTech business/information technology curriculum to be eligible for the internship. Students must maintain employment at an approved worksite that is in direct relation to the business/information technology courses the student has taken or those in which the student is currently enrolled. Students will develop leadership skills and identify their leadership potential through participation in the CareerTech student organization, Business Professional of America (BPA).

31111 Business Communication

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Fundamentals of Technology

This course is an introduction to the principles of letter and report writing and activities, which provide the student with a general background for all aspects of communication in business. The skills of listening, speaking, reading, writing, and interpreting directions are stressed.

30438 Career Major Capstone

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Completion of all courses within a Business, Marketing, and Information Technology Education (BMITE) state program area

Internships, project-based instruction and additional industry certifications will be utilized in this course to reinforce skills obtained within any Science, Technology, Engineering, and Math Career Major. Students will make final preparations for industry certifications as they master outlined competencies. Students will select from various project options to finalize portfolios that highlight skills and certifications. Students may also undertake special projects, cross-train, or participate in workplace learning opportunities to enhance skills in accordance with industry demands.

30143 Computer Repair and Troubleshooting I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): AU, ELEC, CS

Prerequisite(s): Fundamentals of Technology

Students will prepare for positions related to the maintenance of computers and computer-related equipment through hands-on and project-based learning, textbook assignments, and Internet research. The focus of this course is in the hardware area. This course meets the computer technology graduation requirement.

30145 Computer Repair and Troubleshooting II

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): AU, ELEC, CS

Prerequisite(s): Computer Repair and Troubleshooting I

Students will continue in preparation for employment related to the maintenance of computers and computer-related equipment through hands-on and project-based learning, textbook assignments, and Internet research. This course provides advanced skills in troubleshooting, repair, maintenance, and upgrading of systems, applications, software programs and hardware. This course meets the computer technology graduation requirement.

30152 Computer Science Discoveries

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): AU, ELEC, CS

Prerequisite(s): Fundamentals of Technology

Computer Science Discoveries takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

30155 Computer Science Essentials

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): AU, ELEC, CS

Prerequisite(s): None

This course is an excellent entry point for high school students interested in computer science. It introduces students to programming through an approachable block-based programming language which will allow students to have early success in creating usable apps. They will transition to text-based programming and be introduced to the computer language Python.

30153 Computer Science Principles

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): AU, ELEC, CS

Prerequisite(s): None

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

30150 Computer Science Principles AP***Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** AU, ELEC, CS**Prerequisite(s):** Algebra I

Students work in teams to develop computational thinking and solve problems in areas such as algorithms, graphics, and graphical user interfaces; agile development; mobile app design; algorithms in Python; images and object-oriented libraries; GUIs in Python; the Internet; the Internet and the web; shopping and social on the web; security and cryptography; mining data; discovering knowledge from data; intelligent behavior; Moore's law and modeling; and intelligent agents.

31311 Customer Assistance**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC**Prerequisite(s):** Fundamentals of Technology or Business and Computer Technologies

This course is designed to help students gain a greater understanding of themselves and the world of work by facilitating the development of exploratory and decision-making skills. The course concerns itself with the whole life pattern of the individual as it relates to work. Students gain understanding in entry-level job opportunities, career paths, job search procedures, job applications and the interview process, employer/employee relationships, and current job issues and concerns.

30148 Computerized Accounting**Credit:** 1 **Grades:** 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** CTE, AU, ELEC**Prerequisite(s):** Accounting I

This course is designed to integrate accounting principles using computerized accounting system(s). This course meets the computer technology graduation requirement.

30157 Creativity and Innovations**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC**Prerequisite(s):** None

This course focuses on the three dimensions of technology literacy: knowledge, ways of thinking and acting, and capabilities. Students will examine technology through the lenses of construction, energy and power, manufacturing, and transportation. They will also engage in advanced design application, conducting research on real-world uses of remotely operated vehicles.

30398 Cybersecurity Basics**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC, CS**Prerequisite(s):** None

This course uses the concepts learned from Course 1 to further develop students' problem-solving strategies and skills needed by the 21st-century workforce. Students will continue to explore emerging technologies and techniques in the context of addressing authentic projects. Key concepts introduced in this course include sustainability and environmental trends, systems thinking, and trend analysis and prediction. Through engagement, students will experience the necessary connection between literacy, mathematics, and science in a variety of hands-on, real-world projects requiring them to apply academic and technical concepts and skills and technology to complete.

30168 Core Applications of Science and Technology**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** CTE, AU, ELEC**Prerequisite(s):** None

This course is an introduction to cybersecurity which introduces students to broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially "outside the box" thinking. Topics include personal security, system security, network security, and applied cybersecurity.

30230 Desktop Publishing and Graphic Design**Credit:** 1 **Grades:** 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** CTE, AU, ELEC**Prerequisite(s):** Fundamentals of Technology

Students will acquire skills related to communicating through visual design with the primary emphasis of this course being desktop publishing and working with graphics. This course meets the computer technology graduation requirement.

30335 Digital Editing & Production Photography**Credit:** 1 **Grades:** 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC**Prerequisite(s):** Multimedia and Image Management Techniques

Students will acquire skills in digital photography. Additionally, students will study certification standards, and copyright basics. Students below 11th grade may be admitted with instructor approval.

30339 Digital Marketing

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Technology (required); Multimedia and Image Management (preferred)

Students will become proficient in the use of leading-edge tools designed to create graphically rich and intuitive web sites, productions, and publications. The primary focus of this course includes layout and marketing strategies, accessibility, animation, and interactivity. This course meets the computer technology graduation requirement.

30113 Digital Media Production

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Technology

Students will prepare for careers in digital communication as they learn to develop personal and professional videos applying appropriate certification and copyright standards.

30327 Design Production Advanced Products

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Students will create plant designs to process and automatically assemble materials into new products. Students follow the process of developing and producing a new product from prototype to final product. They will accomplish this by creating a production flow plan that allows for the mass production of the product. Students will analyze and evaluate all aspects of the design and production processes with an emphasis on clean, lean, and green production. Students will utilize data acquisition, quality control processes and Six Sigma methodology to control production.

30234 E-Commerce Marketing

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This is a course of study in the development of communication and marketing strategies for effective electronic commerce to take place. The primary focus is how to: market products/services, use the Internet, identify markets, and communicate with them. This course provides an overview of the marketing activities businesses need to perform in order to maximize return and meet customer expectations with electronic purchases. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

30205 Employment Essentials

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students develop soft skills, personality traits, personal management, and basic technology skills desired by employers.

30238 Entrepreneurship: Business Development

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Introduction to Entrepreneurship

This course is designed for the study of all aspects of starting a business. The course includes advanced skills in marketing and business operations. Through self-assessment activities, students will identify their potential for creating a business or marketable product/idea. Students will apply what they learn by developing their own business plan. Self-employment is presented as a viable career option.

30251 Ethical Leadership

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course teaches professionalism and ethics as they relate to the workplace in employment preparation, employability skills and team building. Job interview skills and retention skills are developed. Students also cover legal and ethics issues related to television.

30333 Fundamentals of 2D Motion Graphics

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Multimedia and Image Management Techniques

This course will provide students with the opportunity to utilize digital animation software to create finished animations, cartoons, and other short movies that utilize animated text, character movements that include walk cycles, turnarounds, voice (lip syncing), background sound, sound effects, camera movements, and include multiple scenes.

30334 Fundamentals of 3D Motion Graphics

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, ELEC
Prerequisite(s): 2D Motion Graphics

This course will provide students with the opportunity to utilize animation and storyboarding techniques to plan the production of an animation project. Students will learn to design production steps from script and storyboard actions in the pre-production planning process.

30200 Fundamentals of Administrative Technology
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Technology

This course will provide students with the concepts, principles, and attitudes needed to understand how an office is operated and managed in a rapidly changing global environment. The integration of state-of-the-art personal computing is done throughout the course. This course meets the computer technology graduation requirement.

30225 Fundamentals of Game Design
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): AU, CTE, ELEC
Prerequisite(s): Fundamentals of Technology

Students will be introduced to the concepts and methods for the design and development of computer games. Topics include history of games, 2D graphics and animation, sprites, 3D animation, binary space partitioning, software engineering, game design, interactive fiction, user interfaces, artificial intelligence, game SDK's, networking, multi-player games, game development environments, and commercialization of software.

30140 Fundamentals of Technology
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): None

This course will provide the basis for preparing students for Business and IT positions through hands-on and project-based learning, textbook assignments, and internet research. It is a core course for students who want to obtain basic literacy to understand key computer concepts, applications, and the internet. The course provides a foundation for achieving application-specific computer certifications. This course meets the computer technology graduation requirement.

30337 Fundamentals of Web Design
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): None

Students will acquire fundamental web authoring skills and design strategies through the application of XHTML incorporating Cascading Style Sheets and future trends in web programming. Once XHTML foundation skills are achieved, students will utilize a WYSIWYG editor and graphics package for application of design principles. This course meets the computer technology graduation requirement.

30186 Google Tools
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): None

This course will teach students how to effectively use Google products and services. Students will learn how to create a Google account and learn its many benefits. Students will practice navigating through the general interface of Google products. The searching, organizational, communication, and collaboration components of Google products will be highlighted to help students develop a deeper understanding of how Google can enhance learning.

30397 Impacts of Science and Technology
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

In this course, students develop opinions, attitudes, and positions, and then use these to inform their designs of products, systems, and services. Students acquire abilities to study and decide the appropriateness of a recommended technological solution.

30306 International Business Marketing
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course of study includes the basic fundamentals of marketing and business operations with emphasis on the economic advantages and disadvantages of international trade, importance of understanding cultures and customs, interdependence of nations, and trade balances. Students will gain an understanding of opportunities available in international business and required skills to succeed. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization. GRADES

30185 Internet of Things (IoT) Fundamentals
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Cisco Networking Academy's IoT Fundamentals curriculum provides students with a comprehensive understanding of the Internet of Things (IoT). It develops foundational skills using hands-on lab activities that stimulate the students in applying creative problem-solving and rapid prototyping in the interdisciplinary domain of electronics, networking, security, data analytics, and business. The student-centric approach translates into the student being able to ideate, design, prototype and present an IoT solution for an identified business or society need.

30236 Introduction to Entrepreneurship

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Fundamentals of Technology

This course will provide students with an in-depth study on creating, owning, and maintaining their own business. They will also analyze personal interests, skills, and abilities related to career planning and beverage service. Throughout the program there is a focus on customer relations and working with people.

30224 Introduction to Programming

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): AU, CS, ELEC

Prerequisite(s): Fundamentals of Technology

Students will be able to demonstrate an understanding of programming languages by implementing and writing programs employing various techniques. This course may utilize Basic or Liberty Basic programming language.

30233 Marketing Fundamentals (1)

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This is a course of study in the basic marketing concepts and foundations with an emphasis on the application of technology to perform marketing duties/tasks and software applications including the use of word processing, databases, spreadsheets, and graphics. Course content includes topics related to human relations, math, communication, economics, selling, promotion, risk management, distribution, and marketing trends. Students learn office and job-safety, competencies required to secure and hold jobs. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization.

30318 The Nature of Science and Technology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This is a contextual-based course that introduces students to the core fundamental concepts of science and technology through authentic projects. Through these projects, students will develop an understanding of the relationship between the physical, biological, and social world. Students will gain an understanding of the differences between science and technology and learn that technology is a process for applying science. Students will develop a deeper understanding of scientific inquiry and the engineering design process when solving real-world problems. Students will experience the interaction of science, technology, engineering, math and literacy through a problem-based

learning environment. Finally, the process will require students to use mathematics to analyze costs, develop budgets and make precise measurements to successfully implement project goals.

30124 Personal Finance (1)

30127 Personal Finance (.5)

Credit: .5 or 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PFL

Prerequisite(s): None

This course is designed to provide the knowledge and skills necessary to make wise decisions for financial planning. Students will analyze choices and develop tools to assist them in wise money management. The standards set forth in the Passport to Financial Literacy Act of 2007 (70 O.S. 11—103.6h) will be taught in conjunction with the competencies listed.

31321 PLTW Introduction to Engineering Design

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Fundamentals of Technology

This introductory engineering course teaches the basics of computer-aided design: creating geometric forms, interpreting 2D and 3D drawing of objects, and editing isometric and perspective drawing in a 3D CAD environment. As students create a diverse portfolio of projects, they will gain the foundation needed to translate abstract concepts into functional designs. Throughout the course, students will use CAD Standard Lite and Google Ketchup software, two versatile free alternatives to more expensive CAD software such as AutoCAD.

30139 Principles of Animation

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

In this course students will utilize animation and storyboarding techniques to plan the production of an animation project. Students will learn to design production steps from script and storyboard the actions in the preproduction planning process. (This course can be substituted with Advanced Design Techniques in the Graphic Design Specialist, Animator, 3D Animator, 3D Modeler, Motion Graphics Artist, Video Editor, Video Producer, Web Producer, and Webmaster programs).

30307 Marketing Capstone

Credit: 1 **Grades:** 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): 3 Courses in marketing

Internships, project-based instruction and additional industry certifications will be utilized in this course to reinforce skills obtained within any Marketing Career Major. Students will make final preparations for industry certifications as they master outlined competencies.

Students will select from various project options to finalize portfolios that highlight skills and certifications. Students may also undertake special projects, cross-train, or participate in workplace learning opportunities to enhance skills in accordance with industry demands.

30341 Multimedia and Image Management Techniques

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Technology

Students will acquire fundamental skills in image management procedures and techniques; video presentation skills; methods for print and web publishing; and certification standards and copyright basics as they develop an electronic portfolio. This course meets the computer technology graduation requirement.

30114 Non-Linear Digital Editing

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Multimedia & Image Management Techniques or Digital Media Production

Students will master real-time editing for professional digital video productions.

31514 Office Administration and Management

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Fundamentals of Administrative Technology and Administrative Technologies II (recommended)

This course builds on the Fundamentals of Administrative Technologies. It focuses on higher-level content and strategies necessary to effectively engage students in technology and managerial skills needed for success in competitive business careers. This course is designed to enhance administrative support and management skills needed in the workplace.

30118 Remote/Field Production

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology

This course introduces the students to all aspects of the remote or field production environment, from preproduction, to "live" production, and post-production, gaining hands-on experience in various remote or field production roles.

36288 Renewable Energy

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): None

An introduction to energy systems and renewable energy resources, with a scientific examination of the energy field and an emphasis on alternate energy sources and their technology and application.

30221 Routing and Switching I

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Students will cover curriculum pertaining to networking basics and routers/routing basics, which is the first half of four courses leading to the Cisco Certified Network Associate (CCNA) designation. This course meets the computer technology graduation requirement.

30162 Space Engineering Concepts

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): None

Space Engineering Concepts uses it to expose students to the basic principles involved with space and learn some of the academic basis of space operations. Topics include space in our lives, exploring space, space environment, understanding and describing orbits, maneuvering in space, interplanetary travel, getting to orbit, returning from space (re-entry), and rockets and launching vehicles. Students will also learn to use STK to do the following: semi-major axis, inclination, right ascension of the ascending node, argument of perigee, true anomaly, and alternative orbital elements.

30117 Studio Production

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Digital Media Production

This course introduces the students to all aspects of the studio production environment, from content creation to distribution.

30164 Systems of Advanced Technology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

In this course, students will apply the technologies that are found in modern clean, production environments. Students study effective and energy efficient control of pumping, conveyors, piping, pneumatic and hydraulic control systems. Students apply total quality management to production design to assure quality. Students also focus on properties of materials and material testing, creating documentation to support designs, examining properties, and justifying material

selections based on properties. Students learn that old products become the new raw materials for new products.

30249 TWHTV Studios: Backlots & Beyond

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV Studios: Sets & Soundstages and Instructor Approval and Interview

Backlots & Beyond takes students through the film, television, and video making process with an emphasis on remote/on-location production techniques used by film and television professionals and digital content creators. Students will learn to adapt and adjust to the challenges faced in a variety of filming and recording conditions that extend beyond the controlled environment of the studio or soundstage (Available at Webster only).

30346 TWHTV Studios: Cuts & Continuity - Editing

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV Studios: Backlots & Beyond, Instructor Approval, and Student Interview

Cuts & Continuity explores the art of film and video editing and its influence on the overall look and feel of a film, television show, or digital media content. Students go beyond the basics of digital editing and are introduced to the advanced concepts and techniques used by industry professionals (Available at Webster only).

30060 TWHTV Studios: Ready, Set, Film

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): ELEC, CTE

Prerequisite(s): Fundamentals of Technology

Ready Set Film is the entry-level course in the TWHTV STUDIOS | Television Film & Digital Media Program and introduces students to the fundamental skills, procedures, and practices necessary for working in the film, television, and digital content creation industries. Students will explore career possibilities as they experience all aspects of content creation from start to finish using the latest industry-based technology, techniques, and standards (Available at Webster only).

30247 TWHTV Studios: Script to Screen

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV Studios: Ready Set Film, Instructor Approval, and Student Interview

Script to Screen builds on the knowledge and training students received in the entry-level course, Ready Set Film by providing opportunities for increased mastery of the skills, procedures, and practices used by industry professionals. Students will identify personal talents and interests that align with career pathways for employment

in the film, television, and digital content creation industries as they create more advanced projects and productions from beginning to end using industry-based techniques and technology (Available at Webster only).

This course may be taken concurrently with: TWHTV Studios | Ready Set Film (30060) or TWHTV Studios | That's A Wrap (30034) with instructor approval and student interview.

30223 TWHTV Studios: Set Ready - Capstone

Credit: 1 **Grades:** 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV STUDIOS | Courses (30034), (30035), (30249), (30346), OR (30344); Must Be A Senior Wanting To Work in TV/Film Industry; Instructor Approval & Student Interview

This course is the culmination of a student's time and efforts in the TWHTV STUDIOS Television, Film and Digital Media program. Internships in the television and film industry and additional industry certifications will be utilized to allow students to demonstrate mastery and reinforcement of the skills, procedures, and set etiquette necessary for successful employment in the industry. The internships will serve as opportunities to network with professionals in the TV and film industry and as a springboard for employment. Students will finalize portfolios that highlight skills and certifications. Students may also undertake special projects, cross-train, or participate in industry-based learning opportunities to enhance skills in accordance with industry demands. Students who successfully complete TWHTV STUDIOS | SET READY-CAPSTONE and receive FEIO certification and endorsement will be eligible for employment in the Oklahoma television and film industry upon graduation (Available at Webster only).

30035 TWHTV Studios: Sets & Soundstages

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV Studios: That's a Wrap, Instructor Approval, and Student Interview

Sets & Soundstages focuses on the production process from beginning to end for television, film, and digital media content with an emphasis on the studio and soundstage procedures and techniques. Students will experience a range of opportunities to demonstrate continued mastery of the skills and procedures utilized in the television and film industry (Available at Webster only).

30034 TWHTV Studios: That's A Wrap

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): TWHTV Studios: Script to Screen, Instructor Approval, and Student Interview

That's A Wrap gives students the chance to showcase their talents and abilities as they dive deeper into the filmmaking, television, and digital content creation

processes. Mastery and proficiency of all aspects of the production environment, as well as the essential skills and procedures, required to work in the television and film industry are on display. For many students, this course may signify the conclusion of their experiences in the TWHTV STUDIOS | Television Film and Digital Media Program, signifying the industry term “That’s a wrap”. (Available at Webster only)

30344 TWHTV Studios: VFX Tricks & Techniques
Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): TWHTV Studios: Cuts & Continuity – Editing; Instructor Approval & Student Interview

VFX Tricks & Techniques takes the mystery out of “How’d they do that?” as students focus on the visual and practical effects, tools and techniques used in the film, television, and digital content industries. Students learn how and when to use visual and practical effects to create compelling stories and digital content audiences will enjoy (Available at Webster only).

Family and Consumer Sciences

30421 Community Partnership I
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Family and Consumer Science (1)

The School and Community Partnership I course provides a method of instruction which requires alternating study within the school setting and on-the-job training in the occupational career area of Family and Consumer Science (FACS). The student earns two units of credit for the course. One unit of credit is earned for the period of classroom study at the school site. One additional unit of credit is earned for qualified on-the-job training. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

30422 Community Partnership II
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Community Partnership I

The Family and Consumer Sciences School and Community Partnership II course provides an instructional program designed to further develop employability and customer service skills to the senior level student within the school setting and on-the job training. School and Community Partnership I is a prerequisite for the course. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

30082 Culinary Advanced Skills
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Culinary Basic Skills

Culinary Advanced Skills is the final year of a two-year industry-based curriculum that prepares high school students for careers in the restaurant and food services industry. The second year focuses on food service history, the lodging industry, the art of service, purchasing and inventory control, and communicating with customers. Food preparation is continued so that students have a well-rounded experience in all areas.

30080 Culinary Basic Skills
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Culinary Basic Skills is the first year of a two-year industry-based curriculum that prepares high school students for careers in the restaurant and food services industry. The first year focuses on customer relations, preparing safe food, preventing accidents and injuries, kitchen basics, equipment, nutrition, and working with people. Other skills include business math and cost controlling measures. Food preparation is also introduced.

30089 FACS Capstone
Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Culinary Advanced Skills

This course includes a specialized internship in the area of interest in culinary arts. This course will allow the students to apply skills learning in an external internship.

30079 Family Consumer Science (1)
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. Emphasis is given to development of competences related to health and safety procedures related to childcare, family and individual health, nutrition and food selection, meal planning, preparation, and service, and career skills. Upon completion of this course, the student will have developed basic life skills that promote a positive influence on the quality of life. Student leadership through Family, Career and Community Leaders of America (FCCLA), is an integral part of this course.

30096 Food Science

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Culinary Advanced Skills

Food Science is an in-depth course designed to increase knowledge and skills in nutrition, consumer food planning, purchasing, preparation, and preservation. Eating disorders and special diets are supplemental areas. Attention is also focused on employment in food-related occupations and developing social and entertainment skills. Science concepts and theories are applied throughout the course.

30420 Human Growth and Development

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

In this course, students examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

30092 Introduction to Hospitality

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course will help students understand the basic structure of the hospitality industry. Students will receive information on the many levels of leadership, management, communication, technology, and they will develop a career plan for this hospitality industry.

Healthcare Career Education

30463 Biomedical Technology

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Foundations of Healthcare Professions AND Essential Healthcare Practices

This course provides an introduction to the biomedical sciences through hands-on projects and problems. Biomedical Technology will challenge students to use 21st Century skills to investigate current medical and health care practices using computerized databases, the Internet, media, and visiting health team professionals. Student work involves the study of Biomedical Technology, the language of medicine, present and evolving biomedical specialties, biomedical ethics: crises and alternatives, and health career development and research processes.

30461 Essential Healthcare Practices

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Foundations of Healthcare Professions

Builds on curriculum introduced in Foundations of Healthcare Professions. Develops enhanced written and oral communication skills and medical math principles. Introduces basic medical terminology roots, prefixes, and suffixes to communicate body systems, diseases, and disorders. Identifies how key systems affect services performed and quality of care. Defines legal responsibilities, limitations, and implications on healthcare worker actions. Investigates accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment. Instructs technical skills for measuring and recording vital signs.

30464 Exercise Science

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Foundations of Healthcare Professions AND Essential Healthcare Practices

This course takes an in-depth examination of the effects of exercise on the body. Through this course, students will learn basic anatomy, biomechanics, and physiology, as well as proper principles and techniques to design an effective exercise program. The study of nutrition and human behavior will also be integrated into the course to enhance the student's comprehension of this multifaceted subject.

30460 Foundations of Healthcare Professions

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Develops professional written and oral communication plans and addresses the foundation standards including health maintenance, employability skills, teamwork, and safety practices to ensure effective patient-centered outcomes between healthcare professionals, patients, and caregivers.

30465 Health Careers Capstone

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Foundations of Healthcare Professions, AND Essential Healthcare Practices AND, Anatomy and Physiology

This is the final course in the Career Tech Healthcare Education pathway. It serves as the culmination of the pathway and covers materials taught in all the prerequisite courses in an overarching project format.

30462 Human Structure, Function, and Disease
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Essential Healthcare Practices

Builds on the knowledge and skills of Human Structure, Function, and Disease (A) concentrating on the remaining systems, Nervous, Endocrine, Urinary, Reproductive and Digestive. Explores information technology in healthcare. Medical terminology and medical math are integrated throughout.

STEM

30166 Advanced Biotechnology
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Biotechnology II

This is a course that is intended for students who have excelled in Biotechnology I and II and have taken Advanced Biotechnology I. This course encompasses upper-level biochemistry, microbiology, and lab techniques. Lab reports are an integral part of this course, as well as bio-informatics. Students will be expected to do independent research projects.

30167 Advanced Biotechnology II
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Biotechnology

This is a course that is intended for students who have excelled in Biotechnology I and II and have taken Advanced Biotechnology I. This course encompasses upper-level biochemistry, microbiology, and lab techniques. Lab reports are an integral part of this course, as well as bio-informatics. Students will be expected to do independent research projects.

30322 Advanced Design Applications
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This is an advanced Engineering design course for upper-level high school students. This course allows students to research and apply technology principles to a hands-on project.

30159 Advanced Robotics Engineering
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): CTE, AU, ELEC
Prerequisite(s): Robotics Engineering

This is an advanced robotics engineering and automation course that delivers thorough and engaging STEM education. This course should deliver comprehensive, standards-based instruction through relevant activities and engagement. This introduces the
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design method in C programming software and robotics hardware building. It ultimately teaches science, technology, engineering, and math in a robotics-based, exciting, refreshing and engaging environment for students.

30324 Advanced Technological Applications
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Advanced Technological Applications is a 36-week course that presents four nine-week learning units. The course is standards-based, with engineering-related curricula designed for upper-level high school students. The goal is to provide an engineering or technical base for high school students who plan to continue their education in technical or engineering programs at the community college or university level. There are eight separate learning units that include both instructor and student guides.

30018 Aeroponics/Hydroponics/Aquaponics
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course includes past, present and future of Controlled Environment Agriculture (CEA), aeroponics and hydroponics, basic plant anatomy and physiology as well as cultural practices, plant protection (insects & diseases), pollination/fertilization and bee management, plant nutrition and disorders, irrigation systems and nutrient solutions, transplant production, greenhouse site selection, structures, control systems and energy conservation, fruit harvesting, grading and storage as well as marketing and economics of CEA and hydroponics. Study of how aeroponics/hydroponics will be used to help supplement traditional farms and gardens to produce sustainable food supply for the next 30 years.

30424 Aircraft Materials and Corrosion Control
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Upon completion of this course, students will understand what corrosion is and how it occurs. Students will learn the two main types of corrosion, the various forms it commonly takes, and the areas of aircraft that are particularly susceptible. For each metal used in aircraft structures, the student will learn about removal of, and treatment for, corrosion. Since regular and comprehensive cleaning is critical to controlling corrosion, the methods and tools of interior and exterior aircraft cleaning are explored. Students will identify different materials and hardware used in the fabrication and maintenance of aircraft. They will become proficient in identifying acceptable hardware, control cable components as well as their installation and safety.

Students will identify satisfactory solder and weld joints and demonstrate an understanding of various non-destructive inspection processes, as well as properly use and interpret measurement tools.

30396 Aviation I

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also learn about the wide variety of exciting and rewarding careers available to them. The ninth-grade course will inspire students to consider aviation and aerospace careers while laying the foundation for continued study.

30360 Biotechnology I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This is a course that will familiarize the student with common laboratory glassware, utensils, and equipment. They will become skillful at using micropipettes, centrifuges, autoclaves, pH meters, and microscopes. Laboratory safety and precision/accuracy with equipment will be emphasized. The course will provide students with applicable knowledge of the scientific method, preparation and staining of microscope slides, cell structure and identification, and preparation of chemical solutions. Aseptic technique will be covered as well as preparation of culture media and specimen handling protocols. The students will also be able to maintain a pure cell culture and test for microbial sensitivity. Isolation, amplification, and characterization of DNA and proteins will be covered. Throughout the course, advanced math skills will be used for scientific notation, significant figures, conversion factors, percentages, and creating and integrating graphs for laboratory analysis and reporting.

30361 Biotechnology II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Biotechnology I

This course is an advanced continuation of Biotechnology I. It will provide the student with practice in invitro DNA synthesis reactions, programming, and use of thermal cyclers for PCR reactions, utilization of real time PCR, Southern and Western blotting techniques, protein extraction and analysis, ELISA technology, and maintenance of animal cell lines.

30151 Computer Science A (CTE) AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

This course builds on the basic skills taught in AP Computer Science Principles – CTE (PLTW) to teach students authentic Android™ app development. Topics include Java, Vanilla Android™ development, advanced Android™ features, games and algorithms, and the LibGDX Game development framework.

30194 Computer Science Principles (CT) AP*

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): None

Students work in teams to develop computational thinking and solve problems in areas such as algorithms, graphics, and graphical user interfaces; agile development; mobile app design; algorithms in Python; images and object-oriented libraries; GUIs in Python; the Internet; the Internet and the web; shopping and social on the web; security and cryptography; raining reigning data; discovering knowledge from data; intelligent behavior; Moore's law and modeling; and intelligent agents.

30156 Cybersecurity (PLTW)

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): None

This course gives students broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially "outside the box" thinking. Topics include personal security, system security, network security, and applied cybersecurity.

30274 Digital Electronics

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Digital Electronics™ is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discreet voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world electronics. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high-definition televisions, etc.

30266 Engineering Design & Development

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Students identify a real-world challenge, then research, design, and test a solution, ultimately presenting their unique solution to a panel of engineers.

30319 Mechatronics Systems for Advanced Production

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Systems of Advanced Technology

Students will design cost-effective work cells incorporating automation and robotics to improve quality of final products. The advanced production in this course depends on the use and coordination of information, automation, network systems, vision and sensing systems. Students will design and create mechatronic systems and automated tooling to accomplish these advanced tasks. Students produce authentic documentation about their cyber-mechanical systems and the integration with data to control and monitor processes.

36286 PLTW Environmental Sustainability

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, SFC*

Prerequisite(s): Hydroponics/Aquaponics OR another STEM course within the Career Tech pathway; *If taught by a certified science instructor

Students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy.

30272 Principles of Engineering

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, SFC*

Prerequisite(s): None; *If taught by a certified science instructor

Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation. Then, they apply what they know to take on challenges like designing a self-powered car.

36287 Python

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, CS
Prerequisite(s): Fundamentals of Technology

Python is a general-purpose programming language used to build just about anything. Python is key for backend web development, data analysis, artificial intelligence and scientific computing.

30455 Regulations and Ground Operations

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course will help you learn the important safety policies and procedures for ground operations of and servicing of aircraft. You will learn safety procedures in the areas of the shop, flight line, and fire protection. You will also learn proper tiedown procedures for multiple types of aircraft. Ground movement of aircraft, such as engine starting and towing/taxiing, is also reviewed. Finally, you will learn about servicing the various systems in an aircraft such as air, oil, fluids, and fuel. It is noted that information in this course is a general guide for safety, ground operations, and servicing. All manuals for specific aircraft, equipment, and machine tools should be reviewed and understood prior to any operations. Students will understand the FAA regulations that govern the aviation maintenance industry. Students will learn about the privileges and limitations afforded to an FAA certificated airframe and powerplant mechanic, required maintenance and inspection actions, how to use required maintenance publications and documentation, and how the regulations are applied to all aviation products and parts. The student will also learn about human factors that introduce safety risks and ways to mitigate those risks.

35398 Robotics Engineering

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC, CTE
Prerequisite(s): Introduction to Engineering Design

In this course, students will compete in a variety of national design competitions in which they will apply knowledge of engineering design. In addition, students will create and deliver multimedia presentations, apply computer-aided design and animation, maintain a website with latest developments, and write technical reports. Students will also be involved in fundraising and promoting the various competitions to the community.

30154 Robotics Engineering & Automation

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Introduction to Engineering Design

This is an advanced robotics engineering and automation course that delivers thorough and engaging STEM education. This course should deliver comprehensive, standards-based instruction through relevant activities and engagement. This course is for 20 or fewer students in a classroom. This is a 36-week or 120-hour course building on the entry course and introduces the design method in C programming software and robotics hardware building. It ultimately teaches science, technology, engineering, and math in a robotics-based, exciting, refreshing and engaging environment for students.

30262 STEM Capstone

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Completion of 360 hours of courses within a Science, Technology, Engineering, and Math education (STEM) state program area.

Internships, project-based instruction and additional industry certifications will be utilized to reinforce skills obtained within any Science, Technology, Engineering and Math Education (STEM) state program area. Students will make final preparations for industry certifications or college as they master competencies. Students will select from various project options to finalize portfolios that highlight skills and/or certifications. Students may also undertake special projects, cross-train or participate in workplace learning opportunities to enhance skills in accordance with industry demands.

30386 Science and Technical Visualization I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course focused on the principles, concepts, and use of complex graphic and visualization tools as applied to the study of science and technology. Students use complex 2D graphics, 3D Animation, editing, and image analysis tools to better understand, illustrate, explain, and present technical, mathematical, and/or scientific concepts and principles. Emphasis is placed on the use of computer-enhanced images to generate both conceptual and data-driven models, data-driven charts, and animations. Science, math, and visual design concepts are reinforced throughout each course.

30387 Science and Technical Visualization II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Science and Technical Visualization I

This course includes design and problem-solving concepts, visualization principles, and the application of visualization principles. Students learn about the nature of data and various tools and techniques used in different industries to retrieve, render, and display 2-D and 3-D data. Students are provided instruction in the concepts and techniques associated with rendering dynamic or changing data as animation. They are also introduced to various imaging techniques used in different industries, their implications, applications, and challenges.

30163 Survey of Biotechnology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course is designed to introduce students to areas and concepts involved in Biotechnology. Students will

learn to apply scientific methods of study and concepts through research and hands-on experiments. This course will strengthen the students' knowledge of science and give them a better understanding of various biology, chemistry, and botany concepts. Students will attend field trips and seminars that will reinforce the need for biotechnology in today's workforce. They will also explore the ethics involved concerning biotechnology.

30065 Technological Design

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

Engineering scope, content, and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and innovate designs. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics.

30399 Technology and Society

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course allows students to develop skills for analyzing technology and science issues such as the human-technical paradox, change by design, contemporary issues in science and technology, and transportation and space - reuse and recycle.

30437 Technology Foundations

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course will focus on the three dimensions of technological literacy: knowledge, ways of thinking and acting, and capabilities with the goal of students developing the characteristics of a technologically literate citizen. It will employ teaching/learning strategies that enable students to build their own understanding of new ideas. It is designed to engage students in exploring and deepening their understanding of "big ideas" regarding technology and makes use of a variety assessment instruments to reveal the extent of understanding.

Trade and Industrial Education

will develop essential skills and enhance their employability, preparing them for future career success.

30323 Architecture and Construction Exploration

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

Also known as Construction I. Students in architecture and construction learn and practice skills that prepare them for diverse post-high school education and training opportunities, from apprenticeships and two-year college programs to four-year college and graduate programs.

They will be introduced to a variety of interesting careers including:

- Architectural and civil drafter or engineer
- Environmental designer
- Residential or commercial carpenter
- Construction worker
- Systems configuration manager
- Electrical design engineer
- Electrician
- HVAC/HVACR technician
- Building services technician
- Painter
- Sheet metal technician

30317 Introduction to Construction

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

Also known as Construction II. Students will explore how to safely use manual and power tools. They will build a knowledge of the skills for entry-level positions in a variety of construction occupations. This course will offer hands-on activities to allow a student to build experience in construction trades.

30503 Introduction to Manufacturing

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

In this course, students will examine the world of manufacturing with hands-on activities, visualize products and apply proven techniques to create them from raw materials, and explore electronics, drafting, machining, robotics, and welding to create and build materials.

37283 Workforce Connection

Credit: .5 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): At least 2 Career Tech T&I courses in a program sequence

This internship course will provide students with expanded opportunities to gain hands-on experience in various industries. Through on-the-job training, students

Fine Arts

The visual and performing arts are at the core of learning and of life. A quality fine arts program will provide students with opportunities to create and produce or perform work across fine arts disciplines (visual and media arts, drama, dance, choir, orchestra, band) as well as to respond to teacher and peer feedback and connect learning in fine arts classrooms to contemporary and historical contexts. Additionally, the fine arts improve student academic achievement across content areas and prepare students for college and career by developing important skills including critical thinking, creative problem solving, confident and clear communication, collaboration, empathy, and work ethic.

The Tulsa Public Schools fine arts offerings augment the state standards for teaching visual arts, ensemble music (band, orchestra, choir), drama, dance and media arts. All students will be required to take one unit of fine arts to satisfy graduation requirements. This credit may be earned at any time during the high school tenure.

Performing/Music and Dance

32011 Advanced Band I

32005 Advanced Band II

32007 Advanced Band III

32009 Advanced Band IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, PE, ELEC

Prerequisite(s): Instructor approval and/or preceding course(s) in sequence.

In this course, emphasis is on development of performance and listening skills at an advanced technical and artistic level. Music for study and performance is selected from standard and contemporary band literature representing many styles and periods. Opportunities for performance include school assemblies, evening concerts, assemblies for feeder schools, as well as contests and civic activities approved by the administration. Marching band activities will occur during the first semester and will include practices and activities outside of the school day. Students will be encouraged to audition for Tulsa Metro Honor Band. Attendance, participation, marching band activities, and concert performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

32141 Advanced Chorus I

32144 Advanced Chorus II

32146 Advanced Chorus III

32148 Advanced Chorus IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding course(s) in sequence.

Advanced Chorus is open to students who are capable of performing difficult music at a high artistic level. Attention is placed on individual voice development, increased mastery of ear training, part-singing, reading skills, listening, and performance skills as well as opportunities for solo performance. Opportunities for performance include school assemblies, evening concerts, assemblies for feeder schools as well as

contests and civic activities approved by the administration. Attendance, participation, and performance will constitute a major portion of the grade. Students will be encouraged to participate in district choral events. State standards for ensemble music will be incorporated into this class.

32174 Dance I

32179 Dance II

32183 Dance III

32184 Dance IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): None for Dance I; instructor approval or preceding course(s) in sequence for Dance II, III, and IV

This course may cover a variety of dance forms or focus on one in particular: modern, jazz, ballet, tap, contemporary, hip hop, ballroom, etc. Students will learn and practice dance techniques, create their own choreography, and study dance history and choreographers. Attendance, participation, and performance is a major component of the grade, and state standards for dance and physical education will be incorporated into this class.

32124 Advanced Orchestra I

32115 Advanced Orchestra II

32117 Advanced Orchestra III

32119 Advanced Orchestra IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding course(s) in sequence.

In this course, emphasis is on the development of performance and listening skills at an advanced technical and artistic level. Opportunities for individual improvement are provided through the variety of music selected for study and performance, and music materials will include selections from standard orchestral literature of many styles and periods, as well as contemporary works. Opportunities for performance include school assemblies, evening concerts, assemblies for feeder

schools, as well as contests and civic activities approved by the administration. Students will be encouraged to audition for the Tulsa Metro Honor Orchestra. Attendance, participation, and performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

32021 Band I

32024 Band II

32026 Band III

32028 Band IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding course(s) in sequence.

This course provides an opportunity for individual improvement through the variety of music selected for study and performance that challenges the technical skill of each student. Emphasis is on individual performance and listening skills through ensemble playing and a program of individual testing. Music for study and performance is selected to provide a variety of musical experiences as well as to challenge the ability of each student. Attendance, participation, marching band activities, and concert performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

32131 Chorus I

32134 Chorus II

32136 Chorus III

32138 Chorus IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): None for Chorus I; Instructor approval and/or preceding course(s) in sequence.

Chorus is open to all high school vocalists. Emphasis is placed on voice development, ear training, and independence in part singing, music reading skills, listening, and performance skills. Music materials will include choral literature of many styles and periods as well as contemporary works. Opportunities for performance include school assemblies, evening concerts, assemblies for feeder schools, as well as contests and civic activities approved by the administration. Attendance, participation, and performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

32077 Digital Music Technology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): None

This course provides a study of electronic music with the utilization of computer software, synthesizers, and other digital music devices and technology. Students will learn to manipulate this technology in order to compose new

music using various electronic platforms. Basic instruction in live and recorded audio production will be provided. Students will be required to observe mechanical and print copyrights. State standards for secondary music will be incorporated into this class.

32032 Ensemble (.5)

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding Course(s) in sequence.

This course is for students involved in a specific music ensemble. The specific ensemble course titles will be added at the site where the course is offered. This course will consist of preparation and performance of music in specific musical groups such as a guitar or piano class, wind ensemble, barbershop quartet, vocal duet, trio, larger ensemble, or string trio. Attendance, participation, and performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

32033 Ensemble I

32031 Ensemble II

32035 Ensemble III

32037 Ensemble IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding Course(s) in sequence.

This course is for students involved in a specific music ensemble. The specific ensemble course titles will be added at the site where the course is offered. This course will consist of preparation and performance of music in specific musical groups such as a guitar or piano class, wind ensemble, barbershop quartet, vocal duet, trio, larger ensemble, or string trio. Attendance, participation, and performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class. Subsequent courses are a continuation in preparation and performance.

32046 Jazz Lab I

32048 Jazz Lab II

32050 Jazz Lab III

32051 Jazz Lab IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or preceding course in sequence

This course involves advanced students in the preparation and performance of jazz, gospel, and rhythm and blues styles. The history of these forms will be an integral part of the course. Emphasis will be on the refinement of skills and improvisation. Attendance, participation, and performance will constitute a major portion of the grade. State standards for jazz lab will be

incorporated into this class. Subsequent courses are a continuation in preparation and performance.

32218 The Music Industry

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

The class will give students an opportunity to explore careers in fields such as the record business, music publishing, artist management, radio, concerts, and music for film and television. For performers, it provides the practical knowledge needed to protect their rights, maximize opportunities, and understand the dollars and cents of the music business. Students will explore the roots of contemporary/popular music and the art of songwriting. State standards secondary music will be incorporated into the class.

32221 Music History

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course is designed for students who are interested in an in-depth study of musical composers and artists. It examines not only the lives, but also the works of famous musicians from various styles and periods. Emphasis is placed on the musical contributions of the artists influenced by historical events of their eras and the impact of their works on world cultures. Materials will consist of written and recorded musical literature of artists from various eras and cultures. State standards for secondary music will be incorporated into the class.

32227 Music Theory

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Current enrollment or previous successful completion of a musical performance course

This course introduces students to musicianship, theory, musical materials, Multicultural and procedures. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and music history and style. It includes musicianship skills such as dictation and other listening skills, sight singing, and keyboard harmony. The course prepares students for Advanced Placement Music Theory.

32241 *Music Theory AP

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Current enrollment or previous successful completion of a musical performance course and instructor approval

This course will continue to develop students' ability to recognize, understand, and describe the basic elements and processes of music that are heard or presented in a score. Students will develop aural, sight-reading,

performance, written, compositional, and analytical skills. Students may earn college credit for successful scoring on the Advanced Placement Examination. State standards for secondary music will be incorporated into this class.

32121 Orchestra I

32109 Orchestra II

32111 Orchestra III

32113 Orchestra IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Instructor approval and/or preceding course(s) in sequence

This course provides an opportunity for orchestra students to develop their technical and artistic skills. Emphasis is on development of performance and listening skills. Music materials will include selections from standard orchestral literature of many styles and periods as well as contemporary works. Opportunities for performance include school assemblies, evening concerts, assemblies for feeder schools, as well as contests and civic activities. Attendance, participation, and performance will constitute a major portion of the grade. State standards for ensemble music will be incorporated into the class.

32071 Piano Lab I

32072 Piano Lab II

32073 Piano Lab III

32074 Piano Lab IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None for Piano Lab I; instructor approval and/or preceding course(s) in sequence for Piano Lab II-IV

In this course, students will learn the skills necessary to play the piano. Special attention is given to the reading of conventional music notation. Emphasis is on individual achievement. Piano Lab II-IV students will learn the more advanced skills necessary to play piano music beyond the basic levels. Special attention is given to the reading of conventional music notation. Emphasis is on individual achievement. State standards for secondary music will be incorporated into this class.

32161 Show Choir I

32163 Show Choir II

32164 Show Choir III

32165 Show Choir IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Instructor approval and/or completion of preceding course(s) in sequence

In this course, students will learn and perform simple to advanced choreography while singing. This class develops skills that are necessary for a stage show. Attendance, participation, and performance will

constitute a major portion of the grade. State standards for ensemble music will be incorporated into this class.

Performing/Speech & Theatre

32300 Acting I

32302 Acting II

32304 Acting III

32305 Acting IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): None for Acting I; Instructor approval and/or preceding course(s) in sequence for Acting II-IV

In this course, students will develop individual skills and discipline in the presentation of dramatic material as actors. Attendance, participation, and performance will constitute a major portion of the grade. State standards for drama/theatre will be incorporated into this class.

32328 Advanced Drama Performance I

32330 Advanced Drama Performance II

32347 Advanced Drama Performance III

32348 Advanced Drama Performance IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Audition

This course is for students who want to perform in school plays and/or musicals through an audition process. Students will study acting techniques, blocking, staging, and other essential topics in order to present live performances. Attendance, participation, and performance constitute a major portion of the grade. State standards for drama/theatre will be incorporated into the class.

32014 Musical Theatre

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Acting I or Drama I

This course is an examination of the history of American musical theatre through an in-depth study of representative works. Students will analyze works to see how song, dance, drama, and art all combine to tell a story. State standards for drama/theatre, music, and dance will be incorporated into this class. Performance may be a part of this class and count toward the final grade.

32344 Competitive Speech & Acting

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): None

This course is designed for students interested in competing in individual events at speech tournaments throughout the school year. These individual events include: Original Oratory; Standard Oratory; Foreign

Extemporaneous Speaking; Domestic Extemporaneous Speaking; Prose Interpretation; Poetry Interpretation; Humorous Duet Acting; Dramatic Duet Acting; Humorous Interpretation of Literature; Dramatic Interpretation of Literature; and Monologue Acting. Students will learn to select, edit, and prepare literary materials for performance; to research and organize extemporaneous files; to practice performance skills; and to write, edit and deliver an original oration for competition. State standards for drama/theatre will be incorporated into this class and performance/competition constitutes a major portion of the grade.

32346 Competitive Speech and Acting II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Competitive Speech and Acting

This course is designed for students who have successfully completed Competitive Speech and are still interested in competing in individual events at speech tournaments throughout the school year. These individual events include Original Oratory; Standard Oratory; Foreign Extemporaneous Speaking; Domestic Extemporaneous Speaking; Prose Interpretation; Poetry Interpretation; Humorous Duet Acting; Dramatic Duet Acting; Humorous Interpretation of Literature; Dramatic Interpretation of Literature; and Monologue Acting. Students will learn to select, edit and prepare literary materials for performance; to research and organize extemporaneous files; to practice performance skills; and to write, edit and deliver an original oration for competition. State standards for drama/theatre will be incorporated into this class and performance/competition constitutes a major portion of the grade.

32158 Directing

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): FA, ELEC

Prerequisite(s): Acting I or Drama I and Acting II or Drama II

This course will be scheduled at the same time as a drama or acting class in order to give directing students an opportunity to direct student actors. The intent of Directing is to study the principles, procedures, and practices of stage direction. Ultimately, directing students will produce their own short work using student actors. This course is highly interactive and requires a strong commitment to attendance and participation. State standards for drama/theatre will be incorporated into this class.

32311 Drama I
32321 Drama II
32323 Drama III
32349 Drama IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): None for Drama I; Instructor approval and/or preceding course(s) in sequence for Drama II-IV
This course constitutes an exploration of drama and the skills needed to perform in dramatic works. All class members are involved in -group or individual participation in pantomime, improvisation, scenes, oral interpretation, characterization, makeup, dramatic criticism, and movement. Advanced students will have more opportunities for performance and will study in-depth plot analysis, characterization, and blocking. Attendance, participation, and performance will constitute a major portion of the grade, and state standards for drama/theatre will be incorporated into this class.

32379 Lighting and Sound Design

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): Instructor approval and/or Tech Theatre I and II

This course provides advanced lighting and sound design experience for the serious technical theatre student. Students will gain both theory and practical experience in lighting and sound, including sound waves, sound mixing, color theory, light-throw theory, and hanging and focusing lighting instruments.

32157 Playwriting and Production

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): Acting I or Drama I

This course will introduce the traditional approach to theatre which is rooted in character and narrative structure, with emphasis on a play's arc through its beginning, turning point, and ending. In this class, students will write and produce their own work. Students will also participate in exercises to write both visually and concretely, to understand elements of the craft, understand high and low context dialogue, how to reveal action, and the power of the unspoken word. The final project is the performance of a completed play. State standards for drama/theatre will be incorporated into this class.

32152 Stage Design and Production

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): Tech Theatre I

This course is designed for technical theatre students interested in developing a play from a concept into reality. Students will analyze a script to determine their own creative vision, and develop scene sketches, white

models, and computer drawn models of their vision. Students will further develop scene painting abilities. State standards for drama/theatre will be incorporated into this class.

32471 Tech Theatre I

32481 Tech Theatre II

32484 Tech Theatre III

32485 Tech Theatre IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): None for Tech Theatre I; Instructor approval and/or preceding course(s) in sequence for Tech Theatre II-IV

Students gain firsthand experience in the methods of lighting, sound, construction, painting, assembly, and set building techniques used in the theatre. Students perform all tasks associated with theatre production including operating the sound system, lighting system, stage rigging, curtains, spotlight, and scenery changes. In addition to application of skills, this course includes lighting, sound, and set design, theatre history, and aesthetic analysis. State standards for drama/theatre will be incorporated into this class and after school rehearsals and performances may be required.

Visual & Media Arts

32424 2-D Art & Design AP*

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): 2 years/full credits of art classes or instructor approval

This course engages students in a broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. Students will develop a 2-D Design portfolio for evaluation according to specific guidelines established by the AP program and may earn college credit for successful scoring on the Advanced Placement examination. State standards for visual art will be incorporated into the class.

32427 3-D Art and Design AP*

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC

Prerequisite(s): 2 years/full credits of art classes or instructor approval

This course engages students in a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. Such elements and concepts may be articulated through additive, subtractive, and/or fabrication processes. Students will develop a 3-D Design portfolio for evaluation according to specific guidelines established by the AP program and may earn college credit for

successful scoring on the Advanced Placement examination. State standards for visual art will be incorporated into the class.

32251 Art I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course will introduce students to a variety of techniques they will use to create works of art in various media. Students will gain a beginning understanding of the principles and elements of design and will be presented with an overview of art history. State standards for visual art will be incorporated into this class.

32254 Art II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I or Art I - Advanced

This is a continuation of Art I and will provide students with a wider range of techniques to create works of art with an expanded variety of media. Understanding of the principles and elements of design will be heightened. Specific styles of art will be explored. State standards for visual art will be incorporated into this class.

32401 Art I – Advanced

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course is for students committed to serious study in art. Students will develop their technical and creative abilities through artmaking in a variety of media and study historical and cultural contexts of artwork and artistic movements. The course prepares students for Advanced Placement courses in Art History and Studio Art and includes state standards for visual art.

32404 Art II – Advanced

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I or Art I – Advanced

This course is for students committed to serious study in art. Students will continue to develop their technical and creative abilities through artmaking in a variety of media and study historical and cultural contexts of artwork and artistic movements. The course prepares students for Advanced Placement courses in Art History and Studio Art and will incorporate state standards for visual art.

32444 Art History

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course may be specified as an in-depth study of one or more art eras or as a survey course to encompass a greater period of time. Art from various places and periods will be incorporated into the curriculum, and the study of art will be related to the development of the societies and cultures studied. Textbooks, slide presentations, lectures, discussions, and field trips to local galleries and museums may be used as instructional devices. State standards for visual art will be incorporated into the class.

32454 Art History AP*

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course promotes an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. Students examine major forms of artistic expression from the past as well as the present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. Students may earn college credit for successful scoring on the Advanced Placement examination. State standards for visual art will be incorporated into the class.

32464 Digital Photography I

32466 Digital Photography II

32468 Digital Photography III

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None for Photography I; Preceding course(s) in sequence

In this course, students will study the mechanics of digital photography and begin to learn about composing photographs. State standards for visual art will be incorporated into the class. Digital Photography II and III are a continuation of Digital Photography I. Emphasis will be placed on refining skills and exploring various techniques for enhancing prints. State standards for visual art will be incorporated into this class.

32262 Drawing and Painting I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I or Art I - Advanced

This course offers a varied, challenging, and logical sequence of studies which stress an understanding of the basic principles of 2-dimensional design, in-depth knowledge and experience with various media and techniques, and an introduction to art history. Specific

concepts covered include fundamentals of composition, drawing, painting, two-dimensional design, printmaking, and art appreciation. State standards for visual art will be incorporated into the class.

32291 Drawing and Painting II

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Drawing and Painting I

This course is a continuation of in-depth two-dimensional artmaking. Students will explore a variety of expressive methods and techniques in drawing, painting, printmaking, etc. State standards for visual art will be incorporated into this class.

32421 Drawing AP*

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): 2 years/full credits of art classes or instructor approval

This course engages students in an in-depth study of drawing and composition. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth will be addressed through a variety of means. Students will develop a drawing portfolio for evaluation according to specific guidelines established by the AP program and may earn college credit for its successful scoring. State standards for visual art will be incorporated into the class.

32396 Film Production

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

In this course, students will learn the principles of film writing, directing, producing, and editing. Students will study a variety of film types and create their own productions. State standards for media arts will be incorporated into this class.

32399 Film IBHL II*

Credit: 1 **Grades:** 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Film IBHL I

Through the study and analysis of film texts and exercises in filmmaking, the Diploma Programme film course explores film history, theory, and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories, and ideas from the points of view of different individuals, nations, and cultures. State standards for media arts will be incorporated into this class.

32398 Film IBHL I

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course is the study and analysis of film text and exercises in filmmaking. The Diploma Programme film course explores film history, theory, and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. Students will consider film text, theories, and ideas from the points of view of different individuals, nations and cultures. State standards for media arts will be incorporated into this class.

32451 Graphic Design and Illustration

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I or Art I Advanced

This course is designed to provide experience in dealing with techniques and media unique to the commercial applications of art in the fields of advertising, fashion design, interior design, package design, and typography. Emphasis is placed upon the development of expertise in the handling of commercial media and a thorough understanding of the language and terminology unique to the fields studied. State standards for visual and media arts will be incorporated into this class.

32272 Sculpture I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I or Art I - Advanced

This course focuses on three-dimensional art activities and stresses basic principles of design. Emphasis is placed on various media and techniques within the realm of 3-D design. Concepts covered may be presented in any variety of media to include pottery, jewelry, sculpture and/or fiber arts. Sculpture and 3-D art will also be examined from cultural and historic perspectives. State standards for visual art will be incorporated into the class.

32281 Sculpture II

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Sculpture I

This course is for students who have completed Sculpture I. Students apply skills learned in the previous course to further explore the principles of 3-D design. Techniques and skills will be further developed in three-dimensional areas such as ceramics, sculpture, assemblage, fiber, and jewelry. Historic and cultural perspectives will be explored further. State standards for visual arts will be incorporated into the class.

32411 Studio Art**Credit:** 1 **Grades:** 11, 12 **OK Prom:** Yes**Credit Type(s):** FA, ELEC**Prerequisite(s):** 2 previous art courses

This course is designed for students who have successfully completed four semesters of high school art. The student will have the opportunity to do research and to develop artistically using advanced techniques. Since the student will be in an individualized course of study, the techniques and media are unlimited. Emphasis will be directed toward the completion of quality works that will have drawn upon all previously acquired knowledge. Assistance will be given in preparing a college portfolio, competing in scholarship contests, and preparing work for exhibit. Students enrolled in Studio Art experience growth in aesthetic awareness and technical skills that will prepare them for post-secondary art studies. State standards for visual art will be incorporated into this class.

32431 Visual Art IBHL I***Credit:** 1 **Grades:** 11, 12 **OK Prom:** Yes**Credit Type(s):** FA, ELEC**Prerequisite(s):** None

This course is an individual exploration by the student artist. The studio projects are done predominately in class; however, the student is expected to work at home to some degree as well. Preliminary assignments should be followed by the student choosing his/her own projects thereafter. The workbook includes planning and reflection on the student's own creative process as well as extensive examination and critiques of the work of other artists. State standards for visual art will be incorporated into the class, and students may earn

college credit for successful scoring on the International Baccalaureate Examination.

32461 Visual Art IBHL II***Credit:** 1 **Grades:** 12 **OK Prom:** Yes**Credit Type(s):** FA, ELEC**Prerequisite(s):** Visual Art IBHL I

This course continues the development of the creative and evaluative processes that were begun in the first year of the program. The time commitment varies according to the student's level of expertise and the scope of the individual's work. In addition to planning a senior IB art exhibit, students will submit workbook pages and studio work for assessment. State standards for visual art will be incorporated into this class, and students may earn college credit for successful scoring on the International Baccalaureate Examination.

Physical Education and Athletics

Physical Education in Tulsa Public Schools is that phase of the general educational program that contributes to the total growth and development of each student, primarily through movement experiences. Physical Education objectives help achieve the following unique outcomes:

- development and refinement of motor skills and movement competence
- personal health and wellness skills
- understanding of human movement principles and safety implications
- lifetime activity skills
- attainment of positive Career Readiness

Tulsa Public Schools requires 1 unit (2 semesters) of physical education for graduation. Junior ROTC and marching band may substitute for physical education. Driver education may not substitute for physical education. Medical and religious exemptions will be considered.

Physical Education

33767 Archery I

33780 Archery II

33781 Archery III

33782 Archery IV

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): Previous Archery Course Level

In this course, students will study the history of archery, develop the physical and mental skills of archery, and participate in the health and social benefits of archery. Students have the opportunity to participate in local, regional, state and national competitions in the individual and team categories. There is a K-12 Curriculum developed and in use nationwide as part of the National Archery in the Schools Program (NASP).

33701 Athletic Training

Credit: .5 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): Physical Education I

Athletic Training is a broad-based one-semester course dedicated to the prevention, management, and rehabilitation of injuries in sports and physical activity. The primary focus is the application of sports medicine principles.

33644 Cardio Conditioning I

Credit: 1 **Grades:** 9 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): None

The cardio conditioning program is designed to work on increasing cardio endurance in a fun and energetic atmosphere. A variety of activities will be incorporated into the curriculum including: Zumba, Kick Boxing, Urban Rebounding, Resistance Training, HOPSports, and Dance Revolution.

33645 Cardio Conditioning II

Credit: 1 **Grades:** 9 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): Cardio Conditioning I or PE I

This course is a continuation of Cardio Conditioning I designed to increase cardio endurance.

33505 Dance Ensemble (.5)

32185 Dance Ensemble (1)

Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): Physical Education I

This is a dance group that performs publicly with marching band. Students must audition to enroll in this course. Attendance, participation, and performance will constitute a major portion of the grade. This course is not designed to meet the PASS objectives in any of the fine arts that are needed for graduation.

33741 Health Education

Credit: .5 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): Physical Education I

Health Education is a comprehensive course based upon the skills and knowledge needed to help one maintain a healthy life. The primary focus areas are: communicable and chronic diseases, consumer and community health, environmental health, family living, growth and development, injury prevention and safety, mental and emotional health, nutrition, personal health, and substance use and abuse.

33650 Health and Nutrition

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC, PE

Prerequisite(s): None

Health and Nutrition is a comprehensive course based upon the skills and knowledge needed to help one maintain a healthy life. The primary focus areas are communicable and chronic diseases, consumer and

community health, environmental health, family living, growth and development, injury prevention and safety, mental and emotional health, nutrition, personal health, and substance use and abuse. The course will also encompass thematic elements of the aviation sciences, robotics, environmental and health sciences that are practical lessons and activities that students are able to relate to daily. This course follows the physical education PASS objectives and may be used to meet the physical education graduation requirement.

33768 Outdoor Adventure

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Physical Education I

Outdoor Adventure focuses on popular adventure activities that are challenging and provide a sense of risk and adventure. The primary focus for instruction is on individual Career Readiness development and group initiatives.

33614 PE I IBMYP

Credit: 1 **Grades:** 9, 10 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): None

This is a two-semester introductory course emphasizing the refinement of intermediate skills introduced in the middle school physical education program. Curricular activities include: 1) Aquatics; 2) Specialized Motor Skills (rhythms, combative activities, stunts/tumbling); 3) Mini Units (recreational activities, juggling, jump rope); 4) Sports Related Activities (individual lifetime sports, dual sports, team sports); 5) Health Enhancing Activities (aerobic activities, physical fitness components activities, performance component activities, first aid); 6) Health Education (nutrition and personal health); 7) Outdoor Adventure; 8) Technology Application. Participation in the intramural program is encouraged. Physical fitness tests are given each semester. Cardio-Pulmonary Resuscitation (CPR) training is offered to students in the ninth grade, with refresher courses in the tenth, eleventh, and twelfth grades as needed.

33611 Physical Education I/Activity for Life

Credit: 1 **Grades:** 9, 10 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): None

This is a two-semester introductory course emphasizing the refinement of intermediate skills introduced in the middle school physical education program. Curricular activities include: 1) Aquatics; 2) Specialized Motor Skills (rhythms, combative activities, stunts/tumbling); 3) Mini Units (recreational activities, juggling, jump rope); 4) Sports Related Activities (individual lifetime sports, dual sports, team sports); 5) Health Enhancing Activities (aerobic activities, physical fitness components activities, performance component activities, first aid); 6) Health Education (nutrition and personal health); 7) Outdoor

Adventure; 8) Technology Application. Participation in the intramural program is encouraged. Physical fitness tests are given each semester. Cardio-Pulmonary Resuscitation (CPR) training is offered to students in the ninth grade, with refresher courses in the tenth, eleventh, and twelfth grades as needed.

33621 Physical Education II/Fitness for Life

Credit: 1 **Grades:** 9, 10 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Physical Education I

This course reinforces earlier physical education instruction with continued emphasis on physical fitness and opportunities for students to pursue instructional areas of interest. Primary focus is on advanced skills and knowledge development in individual and lifetime activities, physical fitness, and aerobic exercise. Instructional activities will vary somewhat from school to school.

33551 Sports Officiating

Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Physical Education I

This course implements the principles of sports officiating. It is a study dedicated to ensuring the safety of the athletes and promoting sportsmanship during athletic competition. The course will include classroom and on-field/court experiences. Focus will include, but not be limited to, the sports of football and volleyball.

33552 Sports Officiating II

Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Physical Education I

This course implements the principles of sports officiating. It is a study dedicated to ensuring the safety of the athletes and promoting sportsmanship during athletic competition. The course will include classroom and on-field/court experiences. Focus will include, but not be limited to, the sports of basketball and baseball.

33776 Strength Training & Core

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Cardio Conditioning I or Physical Education I

This course is designed for individuals of all levels of fitness and provides a total body workout stimulating cardiovascular fitness through ball and circuit activities. Muscular strength and endurance will be targeted through resistance training and plyometrics. Core stability will be enhanced using Bosu Balls, Balance Balls, Free Weights, and bands. This course was designed for the health and fitness program at Nathan Hale.

33547 Unified Sports I**Credit:** 1 **Grades:** 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** Physical Education I

Students with and without disabilities will have opportunities to participate together in sports training and competition experiences, through Special Olympics Unified Sports Programs. Unified Sports competitions are offered year-round and include basketball, bocce, bowling, flag football, horseshoes, soccer, softball, and volleyball.

33548 Unified Sports II**Credit:** 1 **Grades:** 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** Physical Education I

Students with and without disabilities will have opportunities to participate together in sports training and competition experiences through the Special Olympics Unified Sports Programs. Unified sports competitions are offered year-round and include basketball, bocce, bowling, flag football, horseshoes, soccer, softball, and volleyball.

33545 Walking and Jogging (.5)**33546 Walking and Jogging (1)****Credit:** .5 or 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** Physical Education I

This course is an individualized, concepts-based one-semester course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness. Walking and jogging will utilize a combination of classroom and activity-based learning activities with a focus on the mastery of skills and concepts necessary for students to become accomplished monitors of their personal lifetime fitness. Emphasis will be placed on improving the individual fitness levels of students and on helping students gain the cognitive and affective skills necessary to take responsibility for their own fitness level, now and throughout their lives. Students will develop a greater understanding of the role fitness components play in managing overall health-related fitness.

33771 Weight Training and Conditioning**Credit:** .5 **Grades:** 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** Physical Education I

Weight Training and Conditioning I emphasizes general conditioning using resuscitative equipment. The primary focus is on muscle toning, body composition and enhancement of performance. This course is not designed for athletes.

33626 Wellness I**Credit:** 1 **Grades:** 9**OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** None

This is a two-semester introductory course emphasizing the refinement of intermediate skills introduced in the middle school physical education program. Curricular activities include: 1) Aquatics; 2) Specialized Motor Skills (rhythms, combative activities, stunts/tumbling associated with work related activities for aircraft services, health and environmental sciences and robotic technology; 3) Mini Units (recreational activities, juggling, jump rope); 4) Sports Related Activities (individual lifetime sports, dual sports, team sports, etc. in work-related environments); 5) Health Enhancing Activities (aerobic activities, physical fitness components activities, performance component activities, first aid as it pertains to the aviation industry, health related fields and the environment); Health Education (nutrition and personal health); 7) Outdoor Adventure; 8) Technology Application. Participation in the intramural program is encouraged. Physical fitness tests are given each semester. Cardio- Pulmonary Resuscitation (CPR) training is offered to students in the ninth grade, with refresher courses in the tenth, eleventh, and twelfth grades as needed. This course includes the physical education PASS objectives and meets the physical education graduation requirement.

33627 Wellness II**Credit:** 1 **Grades:** 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** Wellness I or Physical Education I

This course reinforces earlier physical education instruction with continued emphasis on physical fitness and opportunities for students to pursue instructional areas of interest that may include aviation, robotics, health, and environmental sciences. Primary focus is on advanced skills and knowledge development in individual and lifetime activities, physical fitness, and aerobic exercise. Instructional activities include physical preparation for flight training, environmental exploration, and work assignments in related locations that may include hospitals, nursing homes, manufacturing plants, and airports.

33540 Yoga, Pilates, and Aerobic Dance**Credit:** .5 **Grades:** 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC, PE**Prerequisite(s):** None

This one-semester course is a concepts-based course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness. This class will utilize a combination of classroom and activity-based learning activities with a focus on the mastery of skills and concepts necessary for students to become accomplished monitors of their personal lifetime fitness.

Emphasis will be placed on improving the individual fitness levels of students and on helping students gain the cognitive and affective skills necessary to take responsibility for their own fitness level. Students will develop a greater understanding of the role fitness components play in managing overall health-related fitness, how to assess personal fitness levels, experience a variety of physical activities, all of which aim to improve fitness, and design a prudent personal fitness program. PASS objectives for physical education are incorporated into this class.

Varsity Athletics

Students, who are skilled and proficient in various sports and meet scholastic and training regulations, have an opportunity to participate in varsity athletics. The competitive sports program offers a variety of sports to boys and girls. These are the only courses that can be taken multiple times for credit. Each course is worth .5 credit, but it can be taken both semesters. Below are courses offered at TPS for varsity athletics.

Course Name	Credit Type	Course Number	State Course Code
Academic Bowl (.5)	PE, ELEC	37274	2735
Academic Bowl (1)	PE, ELEC	37284	2735
Varsity Athletics – Trainer (.5)	PE, ELEC	33701	3330
Varsity Baseball (.5)	PE, ELEC	33801	3330
Varsity Basketball (boys) (.5)	PE, ELEC	33811	3330
Varsity Basketball (girls) (.5)	PE, ELEC	33821	3330
Varsity Basketball (boys, 9th grade) (.5)	PE, ELEC	33831	3330
Varsity Basketball (girls, 9th grade) (.5)	PE, ELEC	33841	3330
Varsity Cheerleading, Drill Team, Pom Pon (.5)	PE, ELEC	33731	3330
Varsity Cross Country (.5)	PE, ELEC	33851	3330
Varsity Football (.5)	PE, ELEC	33861	3330
Varsity Football (9th grade) (.5)	PE, ELEC	33871	3330
Varsity Golf (.5)	PE, ELEC	33881	3330
Varsity Powerlifting (.5)	PE, ELEC	33770	3330
Varsity Soccer (boys) (.5)	PE, ELEC	33901	3330
Varsity Soccer (girls) (.5)	PE, ELEC	33911	3330
Varsity Softball (.5)	PE, ELEC	33921	3330
Varsity Swimming (.5)	PE, ELEC	33931	3330
Varsity Tennis (.5)	PE, ELEC	33941	3330
Varsity Track (boys) (.5)	PE, ELEC	33951	3330
Varsity Track (girls) (.5)	PE, ELEC	33961	3330
Varsity Volleyball (.5)	PE, ELEC	33971	3330
Varsity Wrestling (.5)	PE, ELEC	33991	3330
Weight Training/Conditioning for Athletes	PE, ELEC	33774	3330

33731 Varsity Cheerleading, Drill Team, Pom Pom
Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): None

This course provides athletic-based activities that may be counted as physical education credit if taught as a part of a physical education program. This course includes training to lead and direct students and adult fans in support of a school event and to promote a cooperative spirit and good sportsmanship among all present at an event. This course like all other TPS courses may not be taken for "no-credit".

33774 Weight Training/Conditioning for Athletes
Credit: .5 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PE
Prerequisite(s): Physical Education I, Previous or concurrent enrollment in a varsity sport

Weight Training and Conditioning I emphasizes general conditioning using resuscitative equipment. The primary focus is on muscle toning, body composition and enhancement of performance. This course is designed for athletes.

Junior ROTC

Junior ROTC courses are part of the high school elective program. However, the completion of any JROTC course will meet the Physical Education requirement for graduation from the Tulsa Public Schools. Additional JROTC courses may be taken for elective credit. There is no obligation to continue in JROTC after the first course.

Different schools are affiliated with different branches of the armed services.

Air Force Junior ROTC: Booker T. Washington
Army Junior ROTC: East Central, Edison, Hale, McLain, Memorial, Rogers, Webster
Navy Junior ROTC: Central

37711 Junior ROTC I
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): PE, ELEC
Prerequisite(s): None

Air Force Junior ROTC: Booker T. Washington - This first-year leadership course. Studies include leadership, civics, oral communication, physical fitness, aerospace, contemporary aviation, and life skills such as finance management and survival. Co-curricular includes marksmanship, archery, fitness teams, color guard, and drill teams.

Army Junior ROTC: East Central, Edison, Hale, McLain, Memorial, Rogers, and Webster - This is a first-year leadership course. Studies include civics, oral communication, physical fitness, and Career Readiness
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such as first aid and technology. Students will develop a knowledge of citizenship as it relates to the rights and responsibilities of all Americans. Co-curricular includes flag color guards and precision drill teams.

Navy Junior ROTC: Central - This is a first-year leadership course. Studies include civics, oral communication, physical fitness and personal development skills. Students are introduced to the history of maritime events from ancient Greece through 1815 as well as navigation and maritime geography. Co-curricular includes flag color guards and precision drill teams.

37811 JROTC Leadership I
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): PE, ELEC
Prerequisite(s): None

This course is a continuation of the subjects taught in JROTC I with added emphasis on civics, practical leadership, and physical fitness. Available only during the spring term in selected high schools.

37721 Junior ROTC II
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): PE, ELEC
Prerequisite(s): JROTC I or JROTC Leadership I

Air Force JROTC: Booker T. Washington - The second year JROTC leadership course continues to focus on responsible citizenship elements and aerospace fundamentals. Students study effective communication skills, individual and group behavior, and basic leadership concepts. Students are also acquainted with the aerospace environment, human requirements of flight, and principles of flight. Co-curricular includes marksmanship, archery, fitness teams, color guards, drill teams and community service.

Army JROTC: East Central, Edison, Hale, McLain, Memorial, Rogers, Webster - This course provides ongoing instruction in leadership theory, oral and written communication skills, physical fitness, drill, and ceremonies. Students will become more proficient in first aid and cardiopulmonary resuscitation, land navigation (map reading), technology awareness and career planning. Studies include substance abuse prevention and the importance of the constitution. Color guards, precision drill teams, marksmanship, and community service projects are included.

Navy JROTC: Central - This course includes instruction in leadership theory, career planning, US citizenship, oceanography, and maritime history from 1815 through 1930. Cadets will become more proficient in drill, ceremonies, and physical fitness. Cadets are placed in positions of increased responsibility. Color guards, precision drill teams, marksmanship, and community service activities are available.

37821 JROTC Leadership II**Credit:** 1 **Grades:** 10, 11, 12 **OK Prom:** No**Credit Type(s):** PE, ELEC**Prerequisite(s):** JROTC I or JROTC Leadership I

This course is a continuation of the subjects taught in JROTC II with added emphasis on civics, practical leadership, and physical fitness. Available only during the spring term in selected high schools.

37731 JROTC III**Credit:** 1 **Grades:** 11, 12 **OK Prom:** No**Credit Type(s):** PE, ELEC**Prerequisite(s):** JROTC II or JROTC Leadership II

Air Force JROTC: Booker T. Washington - This third year JROTC leadership course is directed toward responsibility with students holding key leadership positions. Subjects taught include cultural studies, researching careers, management, ethics, and physical education. Co-curricular and community service to the school are included.

Army JROTC: East Central, Edison, Hale, McLain, Memorial, Rogers, Webster - In this, course students hold key leadership positions and must demonstrate organizational and planning skills and proficiency in managing individuals and groups in a structured environment. Studies include civics, more speaking and writing requirements, detailed first aid and physical education and Introduction to scholarship application and resume preparation. Co-curricular, school and community service are included.

Navy JROTC: Central - This course provides advanced studies in civics and leadership with students occupying key position in the cadet corps. Students are introduced to meteorology, astronomy, basic electricity, and maritime history from 1930 to the present. Co-curricular, school and community service are included.

37831 JROTC Leadership III**Credit:** 1 **Grades:** 11, 12 **OK Prom:** No**Credit Type(s):** PE, ELEC**Prerequisite(s):** JROTC II or JROTC Leadership II

This course provides a continuation of the subjects taught in JROTC III with added emphasis on civics, practical leadership, and physical fitness. Available only during the spring term in selected high schools.

37741 Junior ROTC IV**Credit:** 1 **Grades:** 12 **OK Prom:** No**Credit Type(s):** PE, ELEC**Prerequisite(s):** JROTC III or JROTC Leadership III

Air Force JROTC: Booker T. Washington - This course provides a study of practical leadership problems. Students hold command and staff positions in the cadet corps and apply leadership skills to include planning and organizing events such as the military ball and awards ceremony. Fourth-year students act as assistant

instructors in some subject areas for other JROTC classes.

Army JROTC: East Central, Edison, Hale, McLain, Memorial, Rogers, Webster - In this course, fourth-year students are responsible for the daily cadet administration and perform as commanders and staff officers. They act as assistant instructors in some subject areas for other JROTC classes. They develop and plan special unit events such as the military ball or awards banquet.

Navy JROTC: Central - This course provides a study of practical leadership problems. Students hold command and staff positions in the cadet corps and are responsible for planning and organizing events such as the military ball and awards ceremony. Fourth-year students act as assistant instructors in some subject areas for other JROTC classes.

37841 JROTC Leadership IV**Credit:** 1 **Grades:** 12 **OK Prom:** No**Credit Type(s):** PE, ELEC**Prerequisite(s):** JROTC III or JROTC Leadership III

This course is a continuation of the subjects taught in JROTC IV with added emphasis on practical leadership and physical fitness. Available only during the spring term in selected high schools.

TBD JROTC Marksmanship/Archery**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC**Prerequisite(s):** Must be concurrently enrolled in JUNIOR ROTC I, II, III, IV or JROTC LEADERSHIP I, II, III, IV

In this course, students will study the history of marksmanship and archery, develop the physical and mental skills for marksmanship and archery while gaining health and social benefits of these sports. Students have opportunities to participate in local, regional, state and national competitions in individual and team categories. Curriculum is developed and in use nationwide as part of the Civilian Marksmanship Program (CMP), National Archery in the Schools Program (NASP), and USA Archery (USA).

Electives

The following courses do not fulfil the core graduation requirements but do count toward graduation elective requirements. Courses are listed by department.

Language Arts Electives

34114 Advanced Composition

Credit: .5 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course includes the analysis of four modes of prose—exposition, description, persuasion, and narration and requires writing assignments based on those analyses.

34024 Bible as Literature

Credit: .5 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course analyzes Biblical material as literature, emphasizing the literary qualities of the Bible in terms of theme, plot, character, setting, and style. It is taught by lecture, reading texts, writing projects, drama, character sketches, newspapers, speaking projects, television, field trips, guest speakers, and films.

34118 College Preparatory Composition

Credit: .5 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

This course prepares students to write coherent compositions and orients them to freshman English in college. Students will read fiction and non-fiction and write papers based on the readings.

34211 Creative Writing I (.5)

34212 Creative Writing I (1)

Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

Creative Writing I builds on the writing and language skills students have acquired through previous Language Arts classes, while focusing on specific skills and knowledge to give students an outlet through which to explore and develop their creativity. Creative Writing I provides an Introduction to the knowledge-base and craft of imaginative personal writing. This course will explore, in depth, the descriptive and narrative writing that forms the basis for poetry and fiction and apply them to the creation of free verse and personal narrative.

34214 Creative Writing II (.5)

34215 Creative Writing II (1)

Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Creative Writing I

Creative Writing II builds on the writing and language skills students have acquired through previous Language Arts classes, while focusing on specific skills and knowledge to give students an outlet through which to explore and develop their creativity. Creative Writing II provides an in-depth exploration of the analysis and writing of poetry, short stories, one act plays, and an Introduction to emerging genres including illuminated texts, graphic fiction, and multimedia texts with the opportunity to pursue individual interests. Students will prepare manuscripts for contests and publication and edit and publish a literary journal.

34216 Creative Writing III (.5)

34217 Creative Writing III (1)

Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Creative Writing II

Creative Writing III builds on the writing and language skills students have acquired through previous Language Arts classes, while focusing on specific skills and knowledge to give students an outlet through which to explore and develop their creativity. Creative Writing III provides an advanced exploration of poetry and prose techniques with the opportunity to pursue individual interests. It includes an exploration of poetic forms, genre fiction (science fiction, fantasy, mystery, young adult, creative nonfiction, etc.), experience editing and publishing a literary journal, and writing one act plays and screenplays. Students will edit and self-publish a “chapbook” of their own work.

34983 English Language Development- Basic Communication

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 1.0-1.5

The course emphasizes beginning vocabulary and literacy skill development through structured lessons that scaffold language acquisition for entering level multilingual learners. Vocabulary and language instruction begin with a survival focus transitioning to common and everyday vocabulary and writing skills with extensions into academic language and literacy as appropriate for student instructional needs. Note:

Students placed in English Language Development-Basic Communication should also be placed in a general education English course to receive English credit.

This course is designed for students identified as multilingual learners who are in their first semester of English Language Development in US Schools entering in the spring semester.

34989 English Language Development- Bridging

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 4.0+; Students must complete English Language Development - Course 3 before enrolling in this course.

This course is designed for students identified as multilingual learners at a proficiency level 4.0 or higher. The course provides academic literacy skills to support the continuing English language development at the higher levels of proficiency. A strong emphasis is placed on academic language and literacy skills required to successfully attain English language proficiency and engage in continued academic achievement. Development of strong reading and writing skills in English for multilingual learners are the primary goals of this course. Note: Students placed in English Language Development- Course 4 should also be placed in a general education English course to receive English credit.

34987 English Language Development- Developing

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 3.5-4.5

This course is designed for students identified as multilingual learners at proficiency levels 3.5 through 4.5 to provide expanding English language development instruction. The course strives to develop the four areas of literacy (reading, writing, speaking, and listening) through a variety of instructional methods. Oral communication, grammar, vocabulary, reading and writing development are emphasized. Note: Students placed in English Language Development- Developing should also be placed in a general education English course to receive English credit.

34986 English Language Development- Emerging

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 2.5-3.5

This course is designed for students identified as multilingual learners at proficiency levels 2.5 through 3.5 to provide intermediate English language development instruction. The course strives to develop the four areas of literacy (reading, writing, speaking, and listening)

through a variety of instructional methods. Oral communication, grammar, vocabulary, reading and writing development are emphasized. Note: Students placed in English Language Development- Course 1 should also be placed in a general education English course to receive English credit.

Suggested: Students should have above a BR Lexile as measured by Achieve3000 or MAP Growth assessment before enrolling in this course.

34985 English Language Development- Entering

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 1.5-2.5

This course is designed for students identified as multilingual learners at proficiency levels 1.5 and 2.5 to provide foundational English language instruction. The course strives to develop the four areas of literacy (reading, writing, speaking, and listening) through a variety of instructional methods. Oral communication, grammar, vocabulary, reading and writing development are emphasized. Note: Students placed in English Language Development- Entering should also be placed in a general education English course to receive English credit. Completion of the Basic Communication or Introduction class is NOT REQUIRED.

34988 English Language Development- Expanding

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 4.0+

This course is designed for students identified as multilingual learners at a proficiency level 4.0 or higher. The course provides academic literacy skills to support the continuing English language development at the higher levels of proficiency. A strong emphasis is placed on academic language and literacy skills required to successfully attain English language proficiency and engage in continued academic achievement. Development of strong reading and writing skills in English for multilingual learners are the primary goals of this course. Note: Students placed in English Language Development- Expanding should also be placed in a general education English course to receive English credit.

34984 English Language Development- Introduction

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Qualifying WIDA Screener or ACCESS for ELLs English Language Proficiency Score 1.0-1.5

The course emphasizes beginning vocabulary and literacy skill development through structured lessons that scaffold language acquisition for entering level multilingual learners. Vocabulary and language

instruction begin with a survival focus transitioning to common and everyday vocabulary and writing skills with extensions into academic language and literacy as appropriate for student instructional needs. Note: Students placed in English Language Development-Introduction should also be placed in a general education English course to receive English credit.

This course is designed for students identified as multilingual learners who are enrolling for the first time—or enrolled in the spring semester for the first time—in an English Language Development in US Schools and are not ready to move into the Foundations course. Completion of the Basic Communication course is not required.

34027 IB MYP Core

Credit: .5 **Grades:** 10, 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

IB Middle Years Program students must complete a long-term project. First, they decide what they want to learn about and identify what they already know, discovering what they will need to know to complete the project and create a proposal or criteria for completing it. The long-term Personal Project is begun in the fourth year of the MYP Program and is completed in the fall semester of the 5th year. All 10th graders at Booker T Washington High School are expected to submit and present a Personal Project.

34221 Journalism I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course pursues the study of the mass media with emphasis on developing the journalistic style of writing. Included are the processes of newspaper makeup, techniques of copy reading and proofreading, the art of writing headlines, photographic techniques, and modern graphics are emphasized. Students in this course often assist in producing the school newspaper.

34231 Journalism II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Journalism I

Students enrolled in this course are involved in the actual production of the school newspaper. Students write the stories, conduct interviews, take photographs, solicit and contract for advertising, and make layouts for the publication. Only students who have free time before and after school should enroll in this course.

34241 Journalism III

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Journalism II

Students enrolled in this course are involved in the actual production of the school newspaper. Students write the stories, conduct interviews, take photographs of school and other events of interest to students, solicit and contract for advertising, and make layouts for the publication. Only students who have free time before and after school should enroll in this course.

34224 Journalism for Publication I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course pursues the study of the mass media with emphasis on developing the journalistic style of writing. Included are the processes of newspaper makeup, techniques of copy reading and proofreading, the art of writing headlines, photographic techniques, and modern graphics. Students will also be trained in the areas of print advertisement. Students in this course will be required to write and publish weekly articles for a local newspaper.

34234 Journalism for Publication II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Journalism for Publication I or Journalism I

This course builds on the information learned in Journalism I and pursues the study of the major conventions of writing news stories, including how to conduct interviews, dig for information, ensure its accurate, cover speeches and meetings, etc. The class also will explore the changing news delivery landscape by discussing digital and broadcast "platforms" and allow students to get trained to write for news Web sites and broadcast partners as well as the traditional print newspaper. Students in this course will continue to write and publish articles for a local newspaper.

34331 Newspaper

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course pursues the study of the mass media with emphasis on developing the journalistic style of writing through the daily practice of writing articles employing specific journalistic techniques. Included are the processes of newspaper makeup, techniques of copy reading and proofreading, the art of writing headlines, photographic techniques, and modern graphics. Students in this course often assist in producing the school newspaper.

34346 Read 180

Credit: 1 **Grades:** 9, 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

READ 180/System 44 are teacher-directed reading intervention program designed specifically to increase reading performance. This class is conducted using workstations by small group rotations. The class begins with whole group, direct instruction followed by rotations through stations which include READ 180/System 44 software, small group direct instruction by the teacher, modeled and independent reading and concludes with whole group wrap-up instruction presented by the teacher. The work is designed to improve the student's reading skills so that the student may achieve on-grade level reading. The course improves the student's reading comprehension, use of reading strategies across the curriculum, and enriches the student's vocabulary. Students are concurrently enrolled in English I or II.

34361 *Theory of Knowledge IB

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): IB diploma candidate

This course is required for the IB Diploma. The first-year surveys language, the arts, science and math, and history. These subjects are discussed in terms of how we learn and how we apply knowledge. The second year focuses on the social sciences, politics, ethics and morality, and religion. This course meets the computer technology graduation requirement.

34030 TCC English Transition

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC, ENG3, ENG4
Prerequisite(s): Successful completion of English III

This course improves high school seniors' readiness for a college-level English class by following a curriculum similar to but not as demanding as Tulsa Community College's English 1113 Composition I class. Students who complete this class should be able to earn a higher score on the English portion of the ACT or SAT and/or on TCC's placement tests and ---more importantly---should be able to succeed in English 1113 at TCC or elsewhere. Even students who do not place into Composition I at the end of the class will benefit from the course rigor and exposure to college-level expectations. All students who take the class should be able to progress successfully toward completion of a degree.

34441 Yearbook

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course includes gathering information and writing in yearbook format, preparing copy for the printer, copy

reading and proofreading, preparing a dummy of the school yearbook and creating layouts for printing. Students who enroll should have a special interest in the course and be willing to work outside of school hours when necessary. Yearbook credit cannot be substituted for English and does NOT meet the technology requirement.

34442 Yearbook II

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Yearbook I

This course is a continuation of Yearbook I. Students will gather information and write for the yearbook. Activities will include preparing copy for the printer, copy reading and proofreading, preparing a dummy of the school yearbook and creating layouts for printing. Students who enroll should have a special interest in the course and be willing to work outside of school hours when necessary. Yearbook credit cannot be substituted for English and does NOT meet the technology requirement.

34443 Yearbook III

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Yearbook II

This course is a continuation of Yearbook II. Students will gather information and write for the yearbook, and they may serve as yearbook editors. Activities will include preparing copy for the printer, copy reading and proofreading, preparing a dummy of the school yearbook and creating layouts for printing. Students who enroll should have a special interest in the course and be willing to work outside of school hours when necessary. Yearbook credit cannot be substituted for English and does NOT meet the technology requirement.

Social Studies Electives

37027 African American Studies (1)**37026 African American Studies (.5)**

Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): United States History

This is a one- or two-semester elective course focusing on the history and the culture of African Americans in the United States. Students will study in depth the cultural heritage as well as investigate the unique set of circumstances facing African Americans from the time of slavery during the colonial and pre-Civil War era. Students will also examine the continued struggle for equality during the post-Civil War era and continuing throughout the early 20th Century, the Civil Rights movement and beyond. Students will analyze and evaluate the political, social, and economic contributions African Americans have had on the United States.

37029 *African American Studies AP

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

37070 Civics (.5)

Credit: .5 **Grades:** 9 **OK Prom:** No
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

Civics is a semester course designed for 9th grade students to explore the 4 disciplines in social studies: history, civics, geography, and economics while introducing skills and practices that prepare them for college, career, and civic life. The curriculum is an inquiry loop that promotes critical thinking, literacy, and evidence-based writing. The course embeds social studies practices from the Oklahoma Academic Standards (2019) and historical thinking skills from the College Board framework for AP social studies courses. These practices are to engage in democratic processes, analyze and address authentic civic issues, acquire, apply, and evaluate evidence, read critically and interpret informational sources, and engage in evidence-based writing. This course will also allow for adequate instructional time to prepare and administer the Civics Knowledge Assessment graduation requirement.

37054 *Comparative Government and Politics AP (.5)

37054 *Comparative Government and Politics AP (1)
Credit: .5 or 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course gives students a good basic understanding of the world's diverse political structures and practices. The course encompasses both specific countries and general concepts used to interpret the key political relationships found in virtually all national politics. Six countries form the core of this class: China, Great Britain, Iran, Mexico, Nigeria, and Russia. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37111 Economics (.5)

37112 Economics (1)
Credit: .5 or 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This is a one-semester elective designed to give the student an insight into the economic problems of the United States and their social implications; to apply economic theory to the understanding of and solutions for these problems; to understand how business organizations, labor groups, consumers and government interact in the operation of the economy; and to compare a modified private enterprise system with other types of economic systems.

37131 *Economics IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course provides a thorough understanding of the principles of macroeconomics, economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination, and develops students' familiarity with economic performance measures, economic growth, and international economics. The student may earn college credit for successful scoring on the International Baccalaureate Examination. (Available at Washington only)

37144 *Economics -Micro AP (.5)

Credit: .5 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic systems. It places primary emphasis on the nature and function of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37147 *Economics -Macro AP (.5)

Credit: .5 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course provides a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination, and develops students' familiarity with economic performance measures, economic growth, and

international economics. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37384 *European History AP

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): None

This study of European History since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. This course provides a basic narrative of events and movements. The three goals are to develop:

1. an understanding of some of the principal themes in modern European history
2. an ability to analyze historical evidence
3. an ability to analyze and to express historical understanding in writing.

This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37034 Global Politics IBSL*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

IB Global Politics is a course for students who want to understand more about how the world they live in works, and what makes it change (or prevents it from changing). The course draws on a variety of disciplinary traditions in the study of politics and international relations, and more broadly in the social sciences and humanities. Students build their knowledge and understanding of the local, national, international, and global dimensions of political activity and processes by critically engaging with contemporary political issues and challenges.

37201 *History of Africa IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): World History IBSL

This course is a continuation of the IBSL World History course. History of Africa is an in-depth study of Africa from 1895 to present. This course covers the people, ways of life, racial and ethnic groups, languages, and religions in east, west, central and southern Africa. The themes discussed include the arts, the land, the climate, the animals and plants, the economy, and its history. Students will study the history of Africa for understanding and knowledge of Africa as the home and birthplace of humanity. Extensive reading is required. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

37203 *History of the Americas IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): World History IBSL

This course is a continuation of the IBSL World History course. History of the Americas is an overview of major themes in the history of the United States, Canada, Central America, South America, and the Caribbean, from the colonial period to the end of the Cold War. These themes include characteristics of colonial rule; achievement of independence; slavery and its effects; evolution and changes in governments; causes and effects of the Great Depression; different paths to, and effects of, industrialization; and foreign policies of the region. The period from the late 19th Century to the Cold War will be reserved for more intensive study. Extensive reading and writing are required. Students will be expected to take the International Baccalaureate Examination in the subject and may earn college credit for their performance on the exam.

37537 *History of the Europe IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): World History IBSL

This course is a continuation of the IBSL World History course. The second year is an intensive study of the colonial, cultural, ethical, financial, judicial, military, philosophical, political, and social history of Western Europe from the French Revolution up to World War I. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

37205 *History of Southeast Asia and Oceania IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): US History

This course extends in IBSL World history with a more refined focus on one region, East Asia/Oceania. Moreover, while IBSL examines only the last century, this course will begin in the late traditional period around the year 1300. The IB social studies skills of reading for comprehension, analysis, research, and critical inquiry will continue to be emphasized, using much of the IBSL format. However, this course will delve more deeply into cultural issues. In an effort to understand the very different cultures of the region, students will study examples of art, literature and philosophy as well as history and politics.

37208 *Human Geography AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course engages students in the study of spatial organization - the location of places, people, and events, and the connections among places and landscapes in

the understanding of human life on Earth. Geographic concepts emphasized throughout the course are location, space, scale, pattern, regionalization, and place. These concepts are basic to students' understanding of spatial interaction and spatial behavior, the dynamics of human population growth and movement, patterns of culture, economic use of Earth, political organization of space, and human settlement patterns, particularly urbanization. Students learn how to use and make maps. They also learn to apply mathematical formulas, models, and qualitative data to geographical concepts. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37220 Military History Survey (.5)

Credit: .5 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course will examine the major wars and conflicts in the military history of the world. From the ancient Greeks at Marathon to Vietnam and the Tet Offensive, students will study the key battles that have shaped history.

From grand strategy to small unit tactics, the focus will be on the people and ideas that have changed war over the centuries. Weapons and technology that developed and influenced conflicts will play an important part in the course just as they played in the conflicts being studied. Many of the ideas covered in world history and U.S. history courses will be examined in depth through the lens of conflict and war.

37331 Psychology

Credit: .5 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, ELEC, AU
Prerequisite(s): None

This one-semester elective course makes it possible for students to develop a greater acceptance of themselves. This is done through the study of normal human development from birth through adulthood, the interaction of heredity and environment, the ways in which people learn, and investigation of topics of special interest to the students.

37353 *Psychology IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course explores human behavior through the behavioral, cognitive, humanistic/phenomenological, and psychodynamic approaches. Students will study research design, methods, statistics, and ethical issues in psychological research and application in addition to undertaking a research study. The student may earn

college credit for successful scoring on the International Baccalaureate Examination.

37355 *Psychology IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): Psychology IBSL

International Baccalaureate Higher Level Psychology is part of the IB Group 3 (individuals and societies) curriculum. The aims of this course are to interpret and conduct psychological research and to develop an understanding of the biological, cognitive, learning, and humanistic perspectives. IBHL students conduct research methodology which includes both quantitative and qualitative methods in an original experimental study. At the completion of the course, students are evaluated on three written examination papers, moderated by the IBO. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

37333 *Psychology AP (.5)

37334 *Psychology AP (1)
Credit: .5 or 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. This course requires extensive reading and writing. Students may earn college credit for this course depending on the qualifying scores his/her college requires.

37156 *Social and Cultural Anthropology IBHL

37155 *Social and Cultural Anthropology IBSL
Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

IB Social and Cultural Anthropology is an International Baccalaureate course in which students investigate the processes of meaning making among humans and compare human societies across time and place. They engage with such fundamental questions as "What makes us human?", "What is culture?", and "How are societies organized and why?". Students gain a foundation in anthropological theory by exploring key concepts such as belief, symbolism, power, and identity.

Students also learn about the research methods of anthropology, namely ethnography or participant observation, and practice ethnographic methods themselves. To quote the IB subject brief, this course "contributes a distinctive approach to intercultural awareness and understanding, which embodies the

essence of an IB education, and fosters the development of globally aware, internationally minded, and ethically sensitive citizens."

37371 Sociology

Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): SSFC, ELEC AU
Prerequisite(s): None

This one-semester elective course investigates how the lives of the students are patterned by American cultural norms of family, religion, education, government, and economics. As students live in a time of rapid change and in a country of high urbanization, the problems and opportunities associated with these conditions are analyzed.

37378 Street Law (.5)

37379 Street Law (1)

Credit: .5 or 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

The one-semester course focuses on the body of U.S. laws that affect the average citizen's daily life. Attention is given to laws concerning criminal justice, juvenile justice, tort actions, consumer protection, family relations and responsibilities, housing, and civil rights and liberties.

37330 TCC Psychology Transition (.5)

Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): AU, ELEC, SSFC
Prerequisite(s): Counselor Approval

The Psychology Transition course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Successful completion of the course may lead to enrollment in TCC Psychology course.

37541 World History Survey

Credit: 1 **Grades:** 10 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU ELEC
Prerequisite(s): None

This course will examine the enduring philosophical and religious contributions from the ancient and classical eras to the modern world. Students will examine the impact of the European Renaissance and Reformation, various movements, the Industrial Revolution, the world war eras, post-World War and contemporary events.

37531 *World History IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): None

This course is taught as part of the IB program. The course focuses on World War I, the period between World War I and World War II, the rise of dictatorships, the Russian Revolution, the Cold War, decolonization, and the rise of new nations in the third world, and major conflicts from World War II to the present. This is an in-depth approach to world history that involves a rigorous methodology for the student with highly developed skills. The student may earn college credit for successful scoring on the International Baccalaureate Examination.

37556 *AP World History Modern

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): WH, SSFC, AU, ELEC
Prerequisite(s): None

This course has students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

37543 World Human Geography

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

Human Geography is the study of spatial patterns of the human and physical dimensions of the world. Students will explore, describe, analyze, and seek to understand the spatial arrangement of objects and people on Earth's surface. Students will learn and utilize the skills of a geographer to examine the world and its inhabitants from a spatial perspective, solve problems of geographic dimensions and make informed decisions based on solid evidence and research.

37539 *World Religions IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

The course is a systematic, analytical study of the variety of beliefs and practices encountered in the nine main world religions. The course seeks to promote an awareness of religious issues in the contemporary world

by requiring the study of a diverse range of religions. In the study of world religions, students will gain insight of what it is like to belong to a particular religion and how that influences the way in which the followers of that religion understand the world, act in it, and relate/respond to others.

Science Electives

36717 Advanced Anatomy and Physiology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This course is an in-depth study to provide understanding of the human body and the accompanying physiological process that allows for its optimal functioning. This course engages students in foundational knowledge essential for pursuing health careers. This course includes high-level content and practices such as administering first aid and CPR. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies. The culminating project for this course includes providing a course of action to address a medical issue.

36514 Advanced Physical Science

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): PHYSC, SFC, AU, ELEC
Prerequisite(s): None

This course covers all Oklahoma Standards for Physical Science at a faster pace, in greater depth, and with more complex coursework. Students explore the concepts of matter and energy by examining them through the perspectives of chemistry and physics. This foundational study prepares students for more advanced courses in both subjects. Through inquiry-based labs and investigations, students engage in hands-on learning and real-world applications.

36711 Anatomy and Physiology

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies.

36031 Astronomy

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This course introduces students to the study of astronomy including laws of motion and gravity. Students examine modern astronomy and methods used by astronomers to study the universe. Students will explore historical myths and misconceptions, the properties of planets, meteorites, and comets, the sun, the nature of our galaxy, and the lifecycle of stars.

36320 Chemistry of Food and Medicine

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Algebra I and Biology

In this course, students will explore chemistry objectives through the lens of food and medicine. Students will learn about the chemical and biochemical aspects of chemistry that are encountered in everyday life as a component of the things we produce and consume. The topics will focus on macronutrients, preservatives, analysis of health statistics, and common drug/medicinal compounds. Positive and negative effects will be explored, researched, and debated. Alongside the effects on human life, students will study the environmental impacts of lifestyle choices and food production in relation to chemical processes.

36434 Ecosystems of Northeastern Oklahoma

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This course focuses on interactions within ecosystems in our region. Students will study the relationships between living organisms, including humans, and their physical environment focused on Northeastern Oklahoma. Students will explore the vital connections between plants and animals and the world around them. By engaging in hands-on and experiential learning, students develop applicable knowledge of our local ecosystems and how we can use Earth's resources in ways that leave the environment healthy for future generations.

36431 Environmental Science

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

In this course, students conduct real-world investigations and inquiry-based labs to explore the interrelationships within the natural world. This course includes studies of population dynamics, renewable and non-renewable resources, and natural resources. Students also identify and analyze environmental issues such as global climate change, point and nonpoint source pollution, biodiversity, biologically modified organisms, and the effects of pesticides. A theme through the course is focused on

energy and resource conservation and minimization of human impact on the natural world.

36427 *Environmental Science AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Chemistry I and Biology

The AP Environmental Science course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course helps students identify and analyze natural and human-induced environmental problems. It enables them to learn how to assess the risks associated with these problems and evaluate alternative solutions for resolving and preventing them.

While acceptance varies by university, students may earn college credit by taking the College Board AP Environmental Science Exam.

36161 Forensic Science

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Algebra I, Biology, and a physical science

Forensic Science provides students with lab-based experiences to explore the various scientific disciplines involved in the collection and analysis of evidence in criminal investigations. This course includes the history, theories, principles and practices of forensic sciences in the criminal justice system. Topics include crime scene investigation, trace evidence, fingerprints, forensic chemistry, firearms examination, DNA and bloodstain pattern analysis.

35404 Independent Research in STEM I

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology, Chemistry, any AP science course (or concurrent enrollment in an AP science course).

This highly rigorous research course is focused on independent research in STEM (Science, Technology, Engineering, Math) subject areas. Students will prepare a product to submit for the Tulsa Regional Science (STEM) Fair and further their research in preparation for submitting a formal write-up. During the first semester, students will learn safety procedures, material handling, and instrument operation necessary to work in their research area. Students will review published research and participate in a student-led research project to submit for the Tulsa Regional Science Fair. Semester two will focus on finalizing submissions and continuing research, culminating in a formal write-up and sharing findings in a presentation. Students wishing to build on their research or begin a new research project for a

second school year are welcome to sign up for Independent Research in STEM II.

35405 Independent Research in STEM II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Independent Research in STEM I

This is the second-year course for Independent Research in STEM I. This highly rigorous research course is focused on independent research in STEM subject areas. Students will prepare a product to submit for the Tulsa Regional Science (STEM) Fair, advancing their previous research or developing a new research topic. Students will learn safety procedures, material handling, and instrument operation necessary to work in their research area. Students will review published research and participate in a student-led research project to submit for the Tulsa Regional Science Fair. Semester two will focus on finalizing submissions and submitting work for publication or formal review.

36181 Marine Biology

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This is an advanced life science course which gives students an understanding and appreciation for aquatic organisms and the interrelated processes occurring in the aquatic environment. The course allows for the development of a broad conceptual framework in a laboratory setting for understanding the geological, physical, and chemical aspects related to aquatic organisms.

36034 Meteorology (.5)

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): A physical science

This course is for students wishing to develop a fundamental understanding of Earth's atmospheric systems and gain a greater appreciation for the atmosphere. Students will explore the science of meteorology, and those physical processes associated with weather and climate. Topics explored include weather maps and forecasting, Earth's energy balance, adiabatic processes, cyclogenesis, and severe weather. Particular attention is devoted to the analysis of US Government weather charts and diagrams.

While acceptance varies by university, students may earn college credit by taking the College Board AP Physics 1 Exam. The OSSM Virtual Program is designed specifically for students who have exhausted their science and math options at their current high school and seek more challenging coursework. Admission to the Virtual Program of the Oklahoma School of Science and Mathematics is a highly competitive process initiated by written application. GRADES 10,11,12

36621 *Physics 2 AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Physics I or AP Physics I, Algebra II, and Pre-Calculus (concurrent enrollment acceptable)

AP Physics II is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. AP Physics II is a full-year course that is the equivalent of a second-semester introductory college course in algebra-based physics.

While acceptance varies by university, students may earn college credit by taking the College Board AP Physics II Exam.

36651 *Physics C AP

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): AP Physics I, AP Physics II, Calculus (concurrent enrollment accepted)

This course offers students a rigorous curriculum and serves as the foundation in physics for students intending college majors in the physical sciences or engineering. Methods of calculus are used whenever appropriate in formulating physical principles and in applying them to physical problems. Extensive laboratory investigations focus on a systematic development of the main principles of physics, emphasizing problem solving and application of fundamental principles to a wide variety of situations with an emphasis on mechanics and or electricity and magnetism.

While acceptance varies by university, students may earn college credit by taking the College Board AP Physics C Exam.

33541 *Sports, Exercise and Health Science IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU
Prerequisite(s): Biology and Chemistry I

The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise, and health relative to the individual and in a global context.

36811 Zoology

Credit: .5 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): SFC, AU, ELEC
Prerequisite(s): Biology and a physical science

This course introduces students to various vertebrate and invertebrate animals through the lenses of evolutionary relationships, anatomy and physiology, behavior, and ecology. It is a guided tour through the complex and diverse world of animals. This course represents a sampling of various taxonomic groups and related biological topics.

Mathematics Electives

35051 Algebra III

Credit: 1 **Grades:** 10,11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Algebra I, Algebra II, and Geometry

The course is equivalent to a course like College Algebra. Students taking this course will study the same types of function from Algebra II however they will be studied more in depth and apply theorems to develop fluency with these functions. Students study more advanced features of functions such as holes in graphs, slant asymptotes, and symmetry. This fluency leads students into a study of conic sections and their features.

Students manipulate the equations and expressions studied here to be able to expose features from the various forms. Students connect these features to real-world context in order to make sense of and supply meaning to the features.

In addition to these areas, students also study writing sequences in various notations, perform operations on complex numbers and expressions, read equations as blueprints of motion and distortion of primary graph families, and use matrix algebra to solve problems.

35061 Algebra Fundamentals

Credit: 1 **Grades:** 9 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): None

This is an elective course for students who need additional time to master the skills to be successful in a high school mathematics course. The topics include basic numerical operations and number sense, rational numbers, evaluating algebraic expressions with grouping symbols and exponents, solving multi-step equations and inequalities in one variable, and simplifying multi-variable expressions through the use of algebraic properties in the first semester. The second semester will begin the study of applying and justifying the laws of exponents, using absolute value as a measure of distance, rational expressions, radical expressions, polynomial addition, subtraction, and multiplication, and graphing and writing linear functions. The geometric

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concepts of similarity, area, volume, as well as mastering the applications of ratios, proportions and statistical concepts of stem and leaf plots, tables, graphs, charts, and scatter plots will be integrated throughout the course. Real-world applications and problem solving are the foundations of this course. Visual and physical models, calculators, and other technologies are recommended when appropriate and should be used to enhance both instruction and assessment.

35341 Calculus AB AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): MFC, AU, ELEC

Prerequisite(s): Precalculus AP or equivalent course

This course focuses on developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. A multi-representational approach to calculus is emphasized with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations are also stressed. The students may earn college credit for their scores on the Advanced Placement Examination. For additional information on the specific content, you may visit the College Board AP website.

35377 *OSSM Hybrid AP Calculus AB

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): MFC, AU, ELEC

Prerequisite(s): Algebra I, Algebra II, and Pre-Calculus

Tulsa Public Schools has partnered with the Oklahoma School of Science and Math to offer hybrid courses to create more equitable course offerings across the district. These courses will take place online with monthly in-person sessions. Students will work at their school in a designated space.

AP Calculus AB follows the topics described by the College Board as a minimum requirement for the

AB level course. Topics include

- limits, continuity, and smoothness of functions
- the derivative and its application
- basic integration techniques and the application of integration
- slope fields
- solids of revolution.

The OSSM Virtual Program is designed specifically for students who have exhausted their science and math options at their current high school and seek more challenging coursework. Admission to the Virtual Program of the Oklahoma School of Science and Mathematics is a highly competitive process initiated by written application.

35344 Calculus BC AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes

Credit Type(s): MFC, AU, ELEC

Prerequisite(s): Algebra I, Algebra II, and Precalculus AP*

This course is an extension of AP Calculus AB. It is concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. A multi-representational approach to calculus is emphasized with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations are also stressed. The students may earn college credit for their scores on the Advanced Placement Examination. For additional information on the specific content, you may visit the College Board AP website.

35370 Precalculus AP*

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes

Credit Type(s): MFC, AU, ELEC

Prerequisite(s): Algebra II

This course is for students who want to earn college credit for Precalculus in college or take AP Calculus in high school. In this course the relationships taught in Algebra II are taught to a deeper level of understanding by investigating theorems and more advanced features of the functions. Students become more fluent with transforming the expressions and equations studied in Algebra II so that by the time students get into Calculus, they can quickly manipulate them into forms that they can apply Calculus ideas. Students will also understand the geometric verification of algebraic relationships.

Students also develop and expand their understanding of trigonometric relationships from three to six ratios, graph these functions as waves and their inverses as functions, and build upon their analytic capabilities to manipulate expression.

The course advances work done in previous grades around conic sections involving circles and parabolas to include ellipses and hyperbolas. Students study the features of these equations and represent them graphically. The representation of these functions are addressed in rectangular, parametric and polar forms of equations.

Additionally, students will begin work with using a third variable to connect two others (parametric equations), graphing in a new plane called the polar plane, and foundational work with vectors. Students wrap up the course by exploring the many uses of matrices, an important mathematical feature for those wishing to go into computer programming.

35514 Statistics AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Algebra I and Algebra II

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Applications and problem-solving strategies are stressed. The following topics will be covered: display of data, frequency distributions; measures of central tendency, variability, and correlation; sampling and its role in statistical claims; design, conduct, and interpretation of a statistical experiment to study a problem; experimental and theoretical probability, simulations, random variables, and the discrete probability distributions. The students may earn college credit for their scores on the Advanced Placement Examination. For additional information on the specific content, you may visit the College Board AP website.

35375 Calculus I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Pre-Calculus

This course is designed for students who either do not want to take the AP equivalent course or are concurrently enrolled in a college equivalent course such as Calculus I or Calculus I with Analytic Geometry. The topics in this course include a study of the limit of a function, continuity, the derivative, slope fields, the integral, techniques of differentiation, basic techniques of integration, estimating with finite sums, the fundamental theorem of calculus and its implications, the Mean Value Theorem and its application, the derivatives tests and their applications, the intermediate value theorem and its application, related rates, optimization, and motion and the derivative.

35374 Calculus II

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Calculus I or AP Calculus AB

This course is designed for students who either do not want to take the AP equivalent course or are concurrently enrolled in a college equivalent course such as Calculus I or Calculus I with Analytic Geometry. The topics in this course include a study of the basic differential equations, Euler's method, exponential growth and decay models, advanced methods of integration, improper integration, geometric applications of integrals, sequences, and infinite series to include Taylor and Maclaurin series, basic parametric functions, operations on vectors, and polar functions.

35347 *Calculus II with Differential Equations

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Completion of AP Calculus AB and recommendation of current math teacher

This course is dedicated to the study of Calculus II concepts including advanced integration techniques, L'Hopital's Rule, improper integrals, infinite series, Taylor polynomials, conics, parametrics of calculus, polar coordinates and graphs, and arc length in polar coordinates during the first semester. Students will focus on differential equations of first, second, and higher order with constant coefficients, systems of linear differential equations, inverse differential operators, LaPlace transformation, power series solutions, and Fourier series solutions during the second semester. ***NOTE: This course is weighted and for high school credit ONLY.

35348 Calculus III with Differential Equations

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Completion of AP Calculus BC and recommendation of current math teacher

This course is dedicated to the study of Calculus III concepts including polar coordinates, analytic geometry in space, parametric equations, vectors in 2-D space and 3-D space, surfaces, gradient and directional derivatives, and multivariate differential and integral calculus during the first semester. Students will focus on differential equations of first, second, and higher order with constant coefficients, systems of linear differential equations, inverse differential operators, LaPlace transformation, power series solutions, and Fourier series solutions during the second semester. ***NOTE: This course is weighted and for high school credit ONLY.

35361 *Calculus IBHL

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): AP Calculus AB

This course presents a more extensive study of each concept in analytic geometry and Calculus I. The course content will also include a study of hyperbolic functions, vectors, and parametric equations, infinite series, and beginning differential equations. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

35351 *Calculus IBSL

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Pre-calculus

This course presents the fundamental concepts and theory of analytic geometry and calculus in a modern context and then applies the knowledge to practical problem-solving situations. The course also covers

analytic geometry, including Cartesian coordinates and the straight line; conic sections, including the circle, parabola, ellipse, hyperbola; translation and rotation; vectors and their applications; space surfaces and curves; theory of limits and its application to the derivatives; continuity; the derivative as a rate of change; algebraic derivatives and their applications; the integral as an antiderivative; the definite integral and its applications; differentiation and integration of logarithmic, exponential and circular functions; techniques of integrations; polar equations; motion in a curve; area, volume, distance, and length of a curve; moment of inertia; centroid, work and pressure problems, and differential equations. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

35064 Intermediate Algebra

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC, COREMTH
Prerequisite(s): Algebra 1

Intermediate Algebra is a course designed for students who need more time to develop the skills needed for Geometry and Algebra 2. This course can count as a credit towards graduation for students on a core diploma pathway. In this course, students focus on mastering the most critical concepts and skills from Algebra I by applying those ideas to types of relationships more commonly modeled in real world situations; step-functions, absolute value functions, linear, exponential, and quadratic. They provide interpretations of critical values and features of the graphs of these types of relationships within the context of problems.

Students also continue their study of scatterplots to make decisions about sets of data. They investigate real-world associations to determine what factors contribute to the residual production in a regression. They also use models to both interpolate and extrapolate values and discuss the potential pitfalls of using these values to predict values.

Students also practice fluency activities to assist in manipulating expressions and equations, use coordinate geometry to make measurements, and translate between various representations of the relationships above.

35512 Mathematical Applications and Interpretations IBHL

Credit: 1 **Grades:** 9, 10 **OK Prom:** Yes
Credit Type(s): MFC, AU
Prerequisite(s): Mathematical Applications and Interpretations IBSL, Statistics AP*, or Calculus AP*

This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical

modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. In this course students will focus on going more in depth into topics such as trigonometric functions, statistics, and calculus. Students should expect to develop strong technology skills and will be intellectually equipped to appreciate the links between the theoretical and the practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

35513 Mathematical Applications and Interpretations IBSL

Credit: 1 **Grades:** 9, 10 **OK Prom:** Yes
Credit Type(s): MFC, AU
Prerequisite(s): Algebra II

This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. In this course students will focus on going more in depth into topics such as trigonometric functions, statistics, and calculus. Students should expect to develop strong technology skills and will be intellectually equipped to appreciate the links between the theoretical and the practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

35056 Math Readiness for College-Bound Seniors
Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Algebra II and ACT score indicating placement in a remedial math course at the collegiate level

This course is intended for High School Seniors only who have taken either the ACT or SAT and their score indicates that they would be required to take a remedial math course before being able to take a credit bearing course. This course is intended to improve the student's college entrance exam scores to avoid remedial math requirements at the post-secondary level.

Topics include Algebraic Expressions and Equations, Proportional Reasoning, Linear Functions & Systems of Equations, Quadratic & Exponential Functions, and Summarizing & Interpreting Statistical Data. In order for the Oklahoma Regents for Higher Education to agree to the terms above, the resource "Math Ready" from SREB is to be used and describes the minimum depth of each topic.

35261 Mathematics of Finance
Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC, COREMTH
Prerequisite(s): Algebra I

This course may be used as a math credit to count towards graduation on a core diploma track. This course uses the skills taught in Algebra I to understand the world of finance. These skills and concepts will be applied to understanding how to make money and where your paycheck goes, investing and storing money in financial institutes, borrowing money in a variety of situations, managing your money to pay your bills, and running and managing a business. In addition to the mathematics involved in these situations, the social impact of decisions will be addressed to show how decisions impact others.

As applicable, the financial literacy standards will be addressed in the work of students in the course.

35054 Math Studies IBSL
Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Geometry and Algebra II

This course is designed to provide a background of mathematical thought and a reasonable level of technical ability for students planning to pursue further studies in such fields as chemistry, economics, geography, and business administration. The course is designed to provide a realistic approach to mathematics for students of varied backgrounds and abilities. The following topics are studied: linear and quadratic functions; polynomial functions; inequalities; exponential and logarithmic functions; analytical geometry; trigonometric functions; trigonometric equations and

applications; polar coordinates and complex numbers; vectors and determinants; sequences and series, matrices, probability, and statistics; limits, series and iterated functions and an Introduction to calculus. Students may earn college credit for successful scoring on the International Baccalaureate Examination.

35510 Statistics and Probability
Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Algebra I

This course teaches students how to display, read, interpret, and make inferences about data. Students learn how to provide meaningful displays and reports on sets of data. Students also learn the basics techniques used to collect data and the role of random selection in making any inference valid to a larger population. They are provided tools to critique studies and conclusions of studies in order to determine when they are being misled by reports.

Students also study various roles of probability in the study of statistics from the likelihood of a single event happening to being able to validate a claim. They are able to calculate the probability of a variety of situations and run simulations of situations.

35030 TCC Math Transition (.5)
Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): MFC, AU, ELEC
Prerequisite(s): Completion of three math courses Algebra I or higher

This course is designed to prepare students for pre-calculus at TCC. Students will take this course, then Pre-Calculus at TCC the following semester.

Career Tech Electives

Please see the Career and Technology Education section for the various elective courses offered. These courses are specifically taught by Career Tech certified teachers at Tulsa Public Schools. Click [HERE](#) to be taken to that section.

Miscellaneous Electives

Leadership

Leadership courses have curriculum, assignments, projects, and other activities. They are not meant to serve as a vehicle for office aides, counselor aides, library aides, etc.

37260 Academic Peer Tutoring

Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course provides students with experience in academic leadership skills. Students enrolled in this course will tutor students in academic and elective subjects on a daily basis. Students will be required to go through an application process which includes GPA and course requirements specific to the area in which they will tutor as well as recommendations from teachers and counselors. In addition, a training of five hours will be mandatory, and students will be required to sign a Memorandum of Understanding before participating in the course. Assignments such as journal writing and papers detailing their experiences will be required throughout the semester. Students must be committed to full participation in all activities presented in the course. This course will count as an elective credit and be open to seniors only.

30205 Employment Essentials

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course is designed to provide students with fundamental workplace knowledge and skills to succeed in any career. Students develop soft skills, personality traits, personal management, and basic technology skills desired by employers.

31501 Jobs for Oklahoma's Graduates - JAGOK

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Application/Teacher Approval

The JAGOK program ensures that at-risk high school students remain in school and attain leadership and employability skills through classroom and work-based learning experiences and graduate high school. These students will receive twelve (12) months of follow-up services by their JAG specialist to ensure they are successfully transitioned into a career and/or a postsecondary education.

37257 Leadership I: Leadership Development

Credit: 1 **Grades:** 9, 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Application/Teacher Approval

Leadership Development is an introductory class for 9-10 grade students interested in the Leadership program. Students in this class will learn and develop such skills as personal responsibility and goal setting, working with and positively influencing others, communication and problem solving.

The Leadership Development class will use a variety of methods to develop these skills. Students will not only participate in activities and discussions during class but will be expected to help with and participate in an assortment of school-wide activities. The curriculum will consist of Leadership in the Movies, a curriculum based on movie clips that demonstrate various leadership skills. Students will use these movie clips as a springboard for discussion and deeper thinking about what leadership actually is and what it means to be a leader. Students will also utilize a literary selection that enriches the curriculum and its primary objectives.

Grading will be on a point system and participating in activities and class discussion is mandatory. There will be various small assignments throughout the class and a major paper/project at the end of each semester. Students will participate in the organization of school-wide events, and to encourage the development of school spirit, points will also be given each quarter for attending approved games/activities/performances by school teams and organizations.

37259 Leadership II: Service Learning

Credit: 1 **Grades:** 10, 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Leadership Development/Application/Teacher approval

As a part of the Leadership program, the Service-Learning class will be based on the concept of discovering the needs of the community and actively doing something to assist with those needs. Students will work with area organizations on various projects the students organize and develop, speakers will visit the class, and some on-site work and field trips will be scheduled. Active discussion and reflection on issues and projects will also be an integral part of the class. While community service hours will not be earned during class time, opportunities will be given to earn Community Service hours outside of class.

According to The National and Community Service Trust Act, "Service Learning -is a method whereby students or participants learn and develop through active participation in thoughtfully organized service that is

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conducted in and meets the needs of the community; is coordinated with an elementary school, secondary school, institution of higher education, or community service program and with the community; helps foster civic responsibility; is integrated and enhances the academic curriculum of the students, or the educational components of the community service program in which the participants are enrolled; and provides structured time for the students and participants to reflect on the service experience."

Some of the leadership skills developed as a result of this class will be strengthening personal responsibility, team building, communication skills, decision making, problem solving, and resource management through a variety of strategies. This class is primarily project-based; however, there will be some written assignments and grades will be given on a point scale.

37258 Leadership III: Advanced Leadership Development

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Leadership

Development/Application/Teacher approval

The Advanced Leadership class will train student leaders in the use of various aspects of leadership skills, including the following: team building, communication skills, decision making, problem solving, group dynamics, and resource management. Students in this class are expected to already have a basic knowledge of leadership qualities and skills. Experiences will come from activities both in and out of class and will provide the opportunity for personal growth and development through the demonstration of these leadership skills. Activities and projects used in the Advanced Leadership class will include, but not be limited to, organizing and participating in school-wide events, mentoring younger students in the Leadership Development class, attending school performance/games/activities in support of other Edison students, and class discussion of current events. Students will also be expected to participate in school-wide service-learning projects.

While this is primarily an activity and project-based class, there will be some written work and a paper will be due at the end of each quarter. Active participation is mandatory and participation in class discussions is expected. Points will be given accordingly, based on size, scope, and quality of work and assignments.

37275 Leadership IV: Senior Leadership

Credit: 1 **Grades:** 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): At least one previous level of Leadership and/or teacher approval

The Senior Leadership class will train student leaders in the use of various aspects of leadership skills, including team building, communication skills, decision making,

problem solving, group dynamics, and resource management. Students in this class are expected to already have a basic knowledge of leadership qualities and skills. Experiences will come from activities both in and out of class and will provide the opportunity for personal growth and development through the demonstration of these leadership skills.

Activities and projects used in the Senior Leadership class will include, but not be limited to, organizing and participating in school-wide events, mentoring younger students in the Leadership Development class, attending school performance/games/activities in support of other students, and class discussion of current events. Students will also be expected to participate in school-wide service-learning projects.

A senior project is required which is focused on leadership skills developed through the program.

39017 Academic Achievement

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

Academic Achievement is a course that helps students strengthen their academic skills for greater success in all content areas.

37274 Academic Bowl (.5)

37284 Academic Bowl (1)

Credit: .5 or 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): Must be a current Academic Bowl member and/or Sponsor approval.

This course is used to review and study in preparation for competing in academic contests. Students who make Novice, Junior Varsity, or Varsity teams are required to come to competition outside of school. Students will be required to test on a variety of subject areas, write essays, and complete projects that will help them in competition. Students will compete in Oklahoma Activities Association sanctioned contests and are members of the High School Academic Team. This course is not designed to meet the state objectives in the social studies or fine arts that are needed for graduation.

39009 Advisory 9 (.5)

39010 Advisory 10 (.5)

39011 Advisory 11 (.5)

39012 Advisory 12 (.5)

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No

Credit Type(s): ELEC

Prerequisite(s): None

The purpose of Advisory is to build school culture, strengthen relationships, complete mandatory graduation requirements, and explore/navigate postsecondary opportunities. During Advisory class times, students will be completing their ICAP in addition to other college, career, and life readiness activities.

31317 BASE Education

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

BASE Education is a tool for social emotional learning that uses both prevention and intervention. Through content-specific curriculum, students can learn the facts about behaviors, process their feelings, tackle personal barriers, and develop personalized strategies for successful growth.

31333 Big Picture Learning I**31334 Big Picture Learning II****31335 Big Picture Learning III****31336 Big Picture Learning IV**

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

As an academic course Big Picture Learning establishes the fundamentals of academic literacy and hones the necessary skills for success in college and life. In doing so, it helps to accelerate the academic core courses by teaching many of the essential skills necessary for mastering secondary and college-level work. While core courses focus on content, Big Picture Learning focuses on developing foundational skills. The BPL curriculum will develop over the course of six years to reinforce and provide multiple opportunities to practice critical thinking and social skills. Each student enrolled in BPL will have an individualized learning plan (ILP). This plan will identify the current state of the student's skill level base and will document the student's academic and personal goals. The ILP will be revisited four times each year and revised as often as necessary.

37705 Bridge 9

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

The 9th grade Bridge course prepares incoming high school freshmen for a successful transition to high school. Through interactive lessons and activities, students develop study skills, time management, goal setting, and effective communication. They explore school offerings, support services, and build peer relationships. The course aims to empower students to thrive academically, socially, and emotionally in high school.

37706 Bridge 10

Credit: 1 **Grades:** 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

The 10th grade Bridge continues to prepare students for success in high school. Through interactive lessons and activities, students develop study skills, time

management, goal setting and effective communication. They explore school offerings, support services, and build peer relationship. The course aims to empower students to thrive academically, socially, and emotionally in high school.

30441 Career Exploration through Internships I (.5)**30443 Career Exploration through Internships I (1)**

Credit: .5 or 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course is for upper-level high school students and provides them with an authentic learning experience within the world of work. Students are assisted with career exploration and then introduced to the professional and inner workings of that career area. This course will broaden the students' knowledge base about the business world and will help them hone their talents, goals, abilities, and interests. Students will be able to make a more informed choice as they move forward in their academic and professional careers. Students may take multiple sections of this course for credit for either one semester or a full year. The site must have an Internships Coordinator in order to offer this course.

30442 Career Exploration through Internships II (.5)**30444 Career Exploration through Internships II (1)**

Credit: .5 or 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Career Exploration through Internships I

This course is for upper-level high school students who have successfully completed Career Exploration through Internships I. This course will continue to expose the students to authentic learning experiences in the world of work. Students are assisted with career exploration and then introduced to the profession and inner workings of that career area. This course will broaden the students' knowledge base about the business world and will help them hone their talents, goals, abilities, and interests. Students will be able to make a more informed choice as they move forward in their academic and professional careers. Students may take multiple sections of this course for credit for either one semester or a full year. The site must have an Internships Coordinator in order to offer this course.

39013 College Summit**39014 College Summit II****39015 College Summit III****39016 College Summit IV**

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Previous College Summit Level

This course is a for-credit advisory class which is part of the Growing Together program. Students will meet each day for a 45-minute period. (Suggested meeting time is after 1st hour.)

32351 Debate I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC
Prerequisite(s): None

This course includes analysis of current issues, of research methodology, applied logic, the construction of cases, audience analysis, propaganda techniques and the use of strategy. Debate formats include cross examination (partner debate) and Lincoln Douglas (single person) debate. Students may participate in debate competitions. This course is not designed to meet the state standards in any of the fine arts which are needed for graduation.

32361 Debate II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): AU, ELEC
Prerequisite(s): Debate I

This course reviews beginning debate with emphasis on research on the current debate topic in either cross examination or Lincoln Douglas debate. Logic, reasoning, analysis, refutation, evidence, and delivery will be studied as areas of evaluation. Case construction, advanced research, practice debates and independent study with individualized instruction will be a major part of this course. Students will also have instruction and experience in directing a full-scope forensic tournament as well as attending debate tournaments at other schools. This course is not designed to meet the state standards in any of the fine arts, which are needed for graduation.

33511 Driver Education

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Ninth graders must be 15 .5 years of age by the first day of the semester. Tenth graders or higher, must be at least 15 years of age, with first consideration given to students who will be 15 .5 years old or older two months after the semester starts. Students are required to have passing grades in the core subjects the semester prior to enrollment.

This is an elective course for secondary students. Driver education may not substitute for physical education. The primary goal of Driver Education is to improve the quality of human decisions and performance tasks related to the highway system in a manner that encourages continual improvement. Attaining this goal should enhance the probability that operators drive safely, expeditiously, conveniently, and economically. When simulators are not available, the course consists of a minimum of 30 hours of theory and 6 hours behind the wheel. When simulators are available, the course consists of a minimum of 30 hours of theory, 12 hours of simulator units, and 3 hours behind the wheel. The behind-the-wheel phase of the program will be taught during a regular school day and an extended school day when needed.

39850 ECAM (Exploring Curriculum through Advisory Mentors)

Credit: 0 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): NC
Prerequisite(s): None

ECAM is designed for a small group of students (15-20) who are guided by their instructor (advisor) to set personal, educational and career goals, develop relationships within their schools, research a variety of career and life skill information, receive assistance in academic subject areas, and complete activities along the path of college and career readiness.

33994 eSports I**31342 eSports II****31343 eSports III****31344 eSports IV**

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course utilizes an interactive gaming system to introduce new methods of participating in sporting games to students. The course provides students with the opportunity to participate and gain knowledge of multiple sports and activities interactively within the comfort of an open classroom. This innovative method of introducing interactive sports aims to create a lifetime connection between the students and physical activity, whether through interactive participation or involving oneself with the actual sport or activity.

30264 Exploring Careers in Science, Technology, Engineering, and Math

Credit: .5 **Grades:** 9, 10, **OK Prom:** No
Credit Type(s): ELEC

Prerequisite(s): Algebra I or Concurrently enrolled in Algebra I

This course will provide students an exposure to engineering careers and pathways through hands-on activities.

32286 Fashion Design

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Art I

This course will explore the fields of design, apparel, textiles, and clothing construction. Students will create individual projects including pattern design, surface design, fitting, and alteration. Focus will be placed on development of the skills necessary for employment in the fashion industry.

32288 Fashion Design II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Fashion Design I

This course builds on the basic skills developed in Fashion design. Students will gain experience in fashion illustration, pattern making and clothing construction. Topics explored include individual fashion designers, design lines, historical influences, and job opportunities in the field of fashion.

32289 Fashion Design III

Credit: 1 **Grades:** 11, 12 **OK Prom:** Yes
Credit Type(s): FA, ELEC
Prerequisite(s): Fashion Design II

This course continues the study of the fashion design industry as well as developing individual skills. Students will create a design collection utilizing fashion illustration, apparel construction, job cost analysis, budget development and production scheduling.

37265 Freshman Seminar

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Students practice notetaking, time management, study, social and human relations skills they need every day in their academic and elective subjects and in their "real" lives outside of school. They learn more about themselves and their futures in the worlds of post-secondary education and careers.

31325 Gateway I

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

How do I tap in? The 9th grade year is focused on developing skills and having experiences that enable students to begin using their community to support their learning and interest exploration. Students design individual interest projects and learn how to enroll outside adults in supporting their learning. Students connect their interests to their academic course work and complete research papers connected to their interests. Students learn how to monitor their behavior and set goals for academic and personal development that they track with data over time. Students are able to describe what it means to be an independent learner and develop skills to support their independent inquiry and learning process. They can identify how they have grown as an independent learner and what they need to do to improve as an independent learner. Students also learn how to analyze their own leadership abilities and select specific skills for further development. Students explore possible futures and design summer learning experiences to grow their confidence, competence and interests. Students develop a clear understanding of the

curriculum pathways and expectations for high school and post-secondary learning and create high school plans based on their interests and possible goals for the future.

31326 Gateway II

Credit: 1 **Grades:** 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

How can I possibly own that? The 10th grade year focuses on supporting students in operating in the world beyond school through extended learning internships in the real world. Students learn how to connect their interests to the community around them and to individual adults willing to help them learn. Through internship experiences, students learn to assess the expectations of different environments and how to navigate in the world of work. Students explore the connections between their interests and post-secondary learning opportunities and begin to develop alternative pathways for their future. Students learn how to do community mapping and identify assets and resources in their communities and begin seeing the community as a viable resource for their learning and as a place for their contributions. Students engage in Socratic seminars to engage in exploring community issues and challenges. Students analyze their leadership styles and challenge themselves to expand their leadership capabilities in school, in their internships and in their community. Students develop summer plans that tap into their new understanding of their community and include accessing college-based experiences.

34027 IB MYP Core

Credit: .5 **Grades:** 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

IB Middle Years Program students must complete a long-term project. First, they decide what they want to learn about and identify what they already know, discovering what they will need to know to complete the project and create a proposal or criteria for completing it. The long-term Personal Project is begun in the fourth year of the MYP Program and is completed in the fall semester of the 5th year. All 10th graders at Booker T Washington High School are expected to submit and present a Personal Project.

31420 ICAP (.5)**31421 ICAP (1)**

Credit: .5 or 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

ICAP allows ninth grade students to complete the initial components of their individual career and academic plan, as well as learning about careers and academic success strategies. It may also contain instruction in personal financial literacy and CPR.

31422 ICAP II**31423 ICAP III****31424 ICAP IV**

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

These courses allow students to continue to complete the requirements of their individual career and academic plan, as well as learning about careers, college, and academic success strategies.

31611 *Information Technology for a Global Society IBSL

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Completion of a computer course

This course will critically examine and evaluate the global impact of information technology developments and how these developments relate to emerging social and ethical issues. Students will learn ways in which information technology interfaces with human users in an increasingly global and culturally diverse society. Students will create a project that demonstrates their understanding of how information technology solutions are applied in a social context. Students may earn college credit for successfully scoring on the International Baccalaureate Examination. This course meets the computer technology graduation requirement. (Available at Washington only).

34334 Information Technology Leadership

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): One technology course

This junior/senior level practicum utilizes inquiry, project-based instruction to master the 21st century skills, resources, and tools necessary to gain, apply and share knowledge relevant to the study of information and related information technologies necessary to succeed in the college or business environment. Major modules will include information literacy, information technology and related business machines; leadership development (Communication/customer service skills, work ethic, and personal development) and pre-vocational skills.

34026 Introduction to College

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This is a year-long course developed by high school and TCC faculty. It is designed to prepare students to take college courses while in high school. The class helps students in three areas of college readiness: cognitive strategies, learning skills/techniques, and transfer knowledge.

37270 Learning through Internships – LTI I

Credit: 1 **Grades:** 9 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology or currently enrolled

This course is an on-the-job training for a student who contributes to the overall instructional program. The instruction, through written agreement between school and employer, is a combination of study in school with employment in the appropriate field. The related classroom instruction and on-the-job experiences are planned and supervised by employers and teacher coordinators to complete the student's education as to his/her career objective.

37271 Learning through Internships – LTI II

Credit: 1 **Grades:** 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology or currently enrolled

This course is an on-the-job training for a student who contributes to the overall instructional program. The instruction, through written agreement between school and employer, is a combination of study in school with employment in the appropriate field. The related classroom instruction and on-the-job experiences are planned and supervised by employers and teacher coordinators to complete the student's education as to his/her career objective.

37272 Learning through Internships – LTI III

Credit: 1 **Grades:** 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology or currently enrolled

This course is an on-the-job training for a student who contributes to the overall instructional program. The instruction, through written agreement between school and employer, is a combination of study in school with employment in the appropriate field. The related classroom instruction and on-the-job experiences are planned and supervised by employers and teacher coordinators to complete the student's education as to his/her career objective.

37273 Learning through Internships – LTI IV

Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Fundamentals of Technology or currently enrolled

This course is an on-the-job training for a student who contributes to the overall instructional program. The instruction, through written agreement between school and employer, is a combination of study in school with employment in the appropriate field. The related classroom instruction and on-the-job experiences are planned and supervised by employers and teacher

coordinators to complete the student's education as to his/her career objective.

30188 Link Crew III

Credit: 1 **Grades:** 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Using materials from the successful Link Crew program, a cross-section of juniors and seniors are chosen to be trained in leadership skills to be mentors to incoming freshmen, guiding them and teaching them what it takes to be academically, behaviorally, and socially successful in high school.

30189 Link Crew IV

Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Using materials from the successful Link Crew program, a cross-section of juniors and seniors are chosen to be trained in leadership skills to be mentors to incoming freshmen, guiding them and teaching them what it takes to be academically, behaviorally, and socially successful in high school.

37286 Mayor's Youth Council

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Students must apply to be a part of the Mayor's Youth Council. Students meet regularly with a variety of city and county government officials to discuss problems and solutions, develop a deeper understanding of local government, and become a more involved citizen.

31414 Personal Financial Literacy

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC, PFL
Prerequisite(s): None

The Passport to Financial Literacy Act of 2007 (70 O.S. & 11-103.6h) mandates fourteen areas of instruction designed to provide students with the basic skills and knowledge needed to effectively manage their personal finances. The intent is to inform students how individual choices directly influence occupational goals and future earnings potential. Basic economic concepts of scarcity, choice, opportunity, cost, and cost/benefit analysis are interwoven throughout the standards and objectives.

37267 SAT/ACT Prep

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course is designed to provide students with proven SAT or ACT strategies, diagnostic tests to identify strengths and areas of study needed before taking the

SAT or ACT test. The student will learn from realistic test practice and in- depth reviews of all tested materials.

37276 Seminar AP*

Credit: 1 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

31329 Senior Institute I

Credit: 1 **Grades:** 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Where is my passion and influence? The 11th grade year focuses on supporting students in conducting in depth research on a topic of strong personal interest that students would like to influence. Students create a Senior Thesis Project Proposal that defines their interest, the need that exists, how the work will connect with their academic program and how they intend to make an impact. Drawing on community resources, students marshal a team of adults and students to support them in carrying out a semester long project of significance. Students actively engage in post-secondary planning exploration and preparation through college visits, SAT preparation, and the development of alternative post high school scenarios (including the selection of at least three post- secondary learning institutions). Students initiate an in-depth reflective writing process that will become the foundation of an autobiography. Students develop summer learning plans to support their graduating on time prepared for the post high school options they want to pursue.

31330 Senior Institute II

Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

What is my legacy? The 12th grade year focuses on helping students leave their mark and making their mark on their future. Students are supported in implementing an in-depth authentic Senior Thesis Project designed to have real impact in the community and that also helps students develop specialized knowledge, and the skills and capacities needed for managing a significant effort over a long period of time. Students learn how to use project management tools, how to make requests and secure commitments, how to monitor personal deadlines and address emerging issues and draw upon the resources of other students and adults. Students also make final preparations for their post-secondary

transition including completing applications to at least three post-secondary institutions, developing financial plans for the options they have chosen, and applying for at least three scholarships. Students hone their writing skills by completing an autobiography where they reflect on their past, what they have learned, who they have become, and who they hope to be in the future.

32331 Speech I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): None

This course is open to all students. Students are given instruction in listening, in types of speeches, and in selecting and organizing materials to create their own speeches. Students learn to communicate clearly through public speaking in order to argue a point or persuade or inform an audience. Students may or may not participate in local or regional speech competitions.

32341 Speech II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC
Prerequisite(s): Speech I

This course emphasizes argumentation, informative speaking, discussion, parliamentary law, and persuasion. It includes study and application of methods of speaking, audience analysis, speech preparation, organization, motivation, and presentation of speeches in political, business, or social situations. Special emphasis on improving the student's ability to inform and persuade groups is an important aspect of the course. Students may participate in speech competitions.

37285 Superintendent's Student Cabinet

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Students apply for the Superintendent's Student Cabinet. Working with district leadership, students develop the skills to address concerns within the district through collaborative research and planning. They develop prototypes which provide solutions to existing challenges and present these to district and community leaders.

31500 TEACH Oklahoma (.5)

Credit: .5 **Grades:** 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Teacher recommendation

This class is for students who feel they might be interested in teaching careers. The TEACH Oklahoma curriculum is a hands-on practice that explores the various areas of teaching, observation, and professional portfolio development, while engaging students in fascinating clinical teaching exercises within an actual educational setting. These activities expose Teach

Oklahoma students to the following: the child development process, diversity issues, lesson planning, and the variety of various learning styles, differentiated instruction strategies, and oral presentation skills.

31340 Tulsa Changemakers

Credit: .5 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Teacher recommendation

Tulsa Changemakers is an after-school, semester-long, 25-session youth leadership development and action program. Students leverage their unique perspectives, conduct listening campaigns to identify community strengths and challenges, and work collaboratively to derive real and measurable change. In the process, they form meaningful relationships with influential people and organizations, build skills in leadership and design thinking, and generate momentum for success in school and beyond.

30427 VR/FabLab

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

This course will empower students to operate all equipment correctly and safely in the Learning Lab. Students will engage in projects that involve all curricular areas aligned to OAS and Tulsa Learning Expectations. After training, students will be able to assist others in utilizing equipment and completing projects in the virtual and FabLab.

Gifted and Talented

The gifted education and talent development department provides services for students identified with high potential in intellectual ability or in talent areas such as academics, leadership, creativity, or fine arts. These students require educational challenge beyond the scope of the regular curriculum. Below are options for students who are identified as gifted and talented.

- Honors Classes
- Advanced Placement
- Courses that will confer college credit upon successful completion of a standardized examination
- Concurrent/Dual Enrollment
- Students receive both high school and college credit for each college/university course
- International Baccalaureate - A system of challenging courses which prepare students for life in a global society (available at Booker T. Washington only)

Elective Courses for Exceptional Students

All curriculum content in the 38000 series is adapted or modified to meet individual needs of students on an Individual Education Program (IEP). These courses are designed to meet the requirements of students when standard courses are inappropriate.

Course Name	Credit Type	Course Number
Advanced Living Skills I	ELEC	38301
Advanced Living Skills II	ELEC	38303
Advanced Living Skills III	ELEC	38305
Advanced Living Skills IV	ELEC	38307
Advanced Living Skills V	ELEC	38309
Advanced Living Skills VI	ELEC	38311
Basic Computing and Careers	ELEC, CTE, AU	38858
Careers I	ELEC	38859
Careers II	ELEC	38861
Careers III	ELEC	38863
Community Art I	FA, ELEC	38867
Community Art II	FA, ELEC	38868
Community Based Education	ELEC	38377
Concepts of Music I	FA, ELEC	38178
Concepts of Music II	FA, ELEC	38179
Concepts of PE	PE, ELEC	38177
Deaf Studies	ELEC, WL, AU	38911
Job Training I	ELEC	38153
Job Training II	ELEC	38155
Job Training III	ELEC	38157
Job Training IV	ELEC	38159
Sign Language	WL, ELEC, AU	38881
Study Skills	ELEC	38175
Tech Now I	CTE, ELEC	38401
Tech Now II	CTE, ELEC	38403
Work Study I	ELEC	38161
Work Study II	ELEC	38163
Work Study III	ELEC	38165
Work Study IV	ELEC	38167
Work Study V	ELEC	38169
Work Study VI	ELEC	38171

Unless otherwise specified in the course description, each course may only be taken one time for credit.

38301 Advanced Living Skills I
38303 Advanced Living Skills II
38305 Advanced Living Skills III
38307 Advanced Living Skills IV
38309 Advanced Living Skills V
38311 Advanced Living Skills VI
Credit: 1 **Grades:** 9, 10, 11, 12, 5th Yr, 6th Yr
Credit Type(s): ELEC **OK Prom:** No
Prerequisite(s): None

small group activities may include home and yard cleaning, pet maintenance, bed-making, laundry skills, meal planning and preparation, safe operation of household appliances, health and hygiene, self-help skills, community safety, and other home-Career Readiness. Adaptive equipment and assistive technology is used as appropriate to insure the fullest extent of student participation. The curriculum will follow TPS MD curriculum. Progress in occupational and physical therapies may also be reflected. **A student may take this course for one credit per year.**

This course provides students with skills in personal and home management. Domestic training takes place in the natural environment, whenever possible. Hands-on and

38858 Basic Computing and Careers

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ELEC, CTE, AU
Prerequisite(s): None

This course is developed for students who are tested on the OAAP alternative assessment. This course teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. In this course, students will learn about proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons will include daily practice of those skills. Students will gain an understanding of computer hardware, operating systems, file management, and the Internet. In addition, they will apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations. Career Explorations component is designed to give students an opportunity to explore various subjects. Specifically, students will be able to learn about careers involving human-related services. Each unit introduces one particular field and explains its past, present, and future. Students will use assistive technology, interactive whiteboards, photos, and manipulatives as needed to access and complete curriculum.

38859 Careers I

Credit: 1 **Grades:** 10 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

“Get a Plan” Transition Curriculum deals with an area of competency critical to independent living: Personal Management. Lessons are highly motivating, hand-on activities that are relevant to real-world orientation of young adults today. Attitudes and perceptions of people toward work and self-motivation are addressed, with emphasis on: Training/Education Goals, Decision-Making Strategies, Communication Skills, and Job Shadowing Experience. The importance of basic core academic skills will be stressed with job related, practical activities, presented throughout the course.

38861 Careers II

Credit: 1 **Grades:** 11 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Careers I

“Get a Job” Transition Curriculum is designed to help students gain competency in the area of Career Management. As with Careers I, lessons are highly motivating, hand-on activities that are relevant to real world orientation of young adults today, with emphasis on: Job Opening Phases, Job Skills and Expectations, Job Training Options, and Successful Work Behaviors. This exploratory course will help students gain understanding in entry- level job opportunities, career paths, job search procedures, job applications and the interview process.

38863 Careers III

Credit: 1 **Grades:** 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): Careers II

“Get a Life” Transition Curriculum will help students gain competency in the area of: Life Management. This course is designed to continue building on the skills learned in Careers I and II. Lessons will continue to be highly motivating, hands-on activities relevant to the real world, with emphasis on: Rent, Banks and Budgeting, Ten-Year Life Plans, Healthy Lifestyles, and Savvy Consumer Skills. Students will learn how to budget, manage income, and invest wisely for financial and personal security. Focus will also be put on resource management, consumer awareness, economy of living, matters of life and death and transportation.

38867 Community Art I

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): FA, ELEC
Prerequisite(s): None

This course focuses on the development of basic art skills with a variety of media. Emphasis is placed on art use and development in the community setting.

38868 Community Art II

Credit: 1 **Grades:** 10, 11, 12 **OK Prom:** No
Credit Type(s): FA, ELEC
Prerequisite(s): Community Art I

This course focuses on the continued development of basic art skills with a variety of media. Emphasis is placed on art use and development in the community setting.

38377 Community Based Education

Credit: 1 to 3 **Grades:** 9, 10, 11, 12 **OK Prom:** No
Credit Type(s): ELEC
Prerequisite(s): None

Community Based Education provides the development of various job training skills in the school setting. The pace of the course is guided by the success rate of the student. Students are exposed to various job settings and skills in preparation for their participation in an actual work program. Students participate three hours of the day in either a morning or afternoon job. Students may or may not be compensated depending on their needs. Students may receive up to three credits for this course. In order for students to receive proper credit, they must be enrolled in a different section number for each scheduled class period.

38178 Concepts of Music I**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** FA, ELEC**Prerequisite(s):** None

This course is designed to meet the Fine Arts requirement for students on an IEP who require alternate assessment evaluations (OAAP). The course will provide intense support in a small, structured setting. Course content will include hands-on instruction and interactive activities to teach musical concepts, history, culture, expression, and appreciation. Concepts of Music I will introduce students to musical concepts and appreciation.

38179 Concepts of Music II**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** FA, ELEC**Prerequisite(s):** Concepts of Music I

This course is designed to meet the Fine Arts requirement for students on an IEP who require alternate assessment evaluations (OAAP). The course will provide intense support in a small, structured setting. Course content will include hands-on instruction and interactive activities to teach musical concepts, history, culture, expression, and appreciation. Concepts of Music II will cover the history, culture and expression of music.

38177 Concepts of Physical Education**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC**Prerequisite(s):** None

This course is designed to meet the Physical Education requirement for students on an IEP who require alternate assessment evaluations (OAAP). Course will provide intense support in a small, structured setting. Course content will include hands-on instruction and practice in basic health and hygiene skills, physical fitness, nutrition, movement and motor skills, and participation in individual, dual, team sports and leisure and recreation activities. **Students may receive credit for this course during multiple years.**

38911 Deaf Studies**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC, WL, AU**Prerequisite(s):** Recommendation of IEP Team

In this course, Deaf and Hard of Hearing students will study American Deaf Culture, history and use of American Sign Language, Deaf history, and the Deaf Person's Legal Rights and how to access various systems in society. The expected outcomes of the class are to help build the deaf and hard of hearing students' self-esteem and a healthy self-image, to form a realistic view of their own potential for achievement, and to identify proudly with a strong and inclusive culture.

38153 Job Training I**38155 Job Training II****38157 Job Training III****38159 Job Training IV****Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC**Prerequisite(s):** Recommendation of IEP Team

In these courses, students learn job search skills. They experience completing job applications, doing mock interviews, and preparing for interviews including decisions about what to wear, what questions to ask, and how to answer questions. Students may only be enrolled in the course for their current grade level.

38174 Peer Tutoring**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC, WL, AU**Prerequisite(s):** Recommendation of IEP Team

The content of this course is to be determined according to the student's IEP Plan.

38881 Sign Language**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes**Credit Type(s):** ELEC, WL, AU**Prerequisite(s):** Recommendation of IEP Team

This is a basic course of American Sign Language adapted to meet needs of individual students.

38175 Study Skills**Credit:** 1 **Grades:** 9, 10, 11, 12 **OK Prom:** No**Credit Type(s):** ELEC**Prerequisite(s):** Recommendation of IEP Team

The content of this course is to be determined according to the student's IEP Plan.

38161 Work Study I**38163 Work Study II****38165 Work Study III****38167 Work Study IV****38169 Work Study V****38171 Work Study VI****Credit:** 1 **Grades:** 9, 10, 11, 12, 5th Yr, 6th Yr**Credit Type(s):** ELEC**OK Prom:** No**Prerequisite(s):** Recommendation of IEP Team

In these courses, students will participate in job sampling experiences, work adjustment programs, and on-site training both on school campuses and in the community. These skills will prepare them for the "real" world of work. Students will receive three credits for this course. In order for students to receive proper credit, they must be enrolled in three sections with a different section number for each scheduled class period.

Exceptional Student Edgenuity Courses

For a list of courses offered for exceptional students through Edgenuity, consult the office of Associate Superintendent of Special Populations. A complete list of courses available on Edgenuity can be found in the section [Edgenuity Courses](#).

Core Content Courses in Spanish

These courses are designed for students who attended a dual language or immersion elementary school and have completed their middle school/junior core courses in Spanish. These courses contain the same standards and content as the courses of the same title taught in English.

35019 Advanced Algebra I in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ALG1, MFC, AU
Prerequisite(s): None

This course, taught in Spanish, embraces the use of technology to support and advance the mathematical content. This course is a study of the most common types of relationships; linear (change at a constant rate), exponential (change by a constant factor), and quadratic (models of motion affected by gravity). These relationships will be used to make decisions between various real-world settings in order to make decisions. Students will learn how to make comparisons as the relations are presented in various forms (equations, graphs, tables, etc.). They will be required to manipulate expressions and equations into specific forms in order to expose qualities about the situations they represent.

Additionally, students will expand on their work in Pre-Algebra concerning statistics to understand the influence of other factors on data. Specifically, they will understand how to read and make inferences from two-way tables, determine which statistical models are the best model and predict outcomes based upon data, and understand the role of independence in probability models.

The course also sets students up for success in future math courses by providing a basic introduction to work around polynomials, solving compound equations, and graphs that are broken into pieces.

As part of the Advanced coursework line, students will be presented with additional instruction that prepares them for topics in the Advanced Placement courses from the College Board.

35036 Advanced Algebra II in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ALG2, MFC, AU
Prerequisite(s): Algebra I or Advanced Algebra I

Taught in Spanish, this course, formerly known as Pre-AP Algebra II, embraces the use of technology to support and advance the mathematical content. This course is a study of more advanced types of relationships, the manipulations of the expressions and equations associated with them, and the various representations of those relationships. The types of relationships in the course include polynomial, rational, root, exponential, logarithmic, and trigonometric. In this course students also develop a geometric and algebraic connection between a function and its inverse if it has

one. From this course the student will be expected to be able to read an equation as a set of instructions for taking the basic graph of the relations listed above, move it, and stretch or shrink it by a factor.

Students grow their understanding of what happens in solving equations to include the possibility that some techniques for solving equations can create extraneous solutions. They will understand why these solutions arise in certain types of equations and not others.

Students also complete their studies of numbers by studying what are called imaginary numbers, numbers that arise from taking the square root of a negative one. They learn how to perform operations on these types of numbers as well as what they mean graphically.

The course concludes with a final look at statistics as data is normalized and placed on a bell-shaped curve called a normal curve. They use this normal curve in making decisions and determining the validity of outcomes of studies.

As part of the Advanced coursework line, students will be presented with additional instruction that prepares them for topics in the Advanced Placement courses from the College Board.

35015 Algebra I in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): ALG1, MFC, AU
Prerequisite(s): None

This course, taught in Spanish, embraces the use of technology to support and advance the mathematical content. This course is a study of the most common types of relationships; linear (change at a constant rate), exponential (change by a constant factor), and quadratic (models of motion affected by gravity). These relationships will be used to make decisions between various real-world settings in order to make decisions. Students will learn how to make comparisons as the relations are presented in various forms (equations, graphs, tables, etc.). They will be required to manipulate expressions and equations into specific forms in order to expose qualities about the situations they represent.

Additionally, students will expand on their work in Pre-Algebra concerning statistics to understand the influence of other factors on data. Specifically, they will understand how to read and make inferences from two-way tables, determine which statistical models are the best model and predict outcomes based upon data,

and understand the role of independence in probability models.

The course also sets students up for success in future math courses by providing a basic introduction to work around polynomials, solving compound equations, and graphs that are broken into pieces.

35035 Algebra II in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): ALG2, MFC, AU

Prerequisite(s): Algebra I

This course, taught in Spanish, embraces the use of technology to support and advance the mathematical content. This course is a study of more advanced types of relationships, the manipulations of the expressions and equations associated with them, and the various representations of those relationships. The types of relationships in the course include polynomial, rational, root, exponential, logarithmic, and trigonometric. In this course students also develop a geometric and algebraic connection between a function and its inverse if it has one. From this course the student will be expected to be able to read an equation as a set of instructions for taking the basic graph of the relations listed above, move it, and stretch or shrink it by a factor.

Students grow their understanding of what happens in solving equations to include the possibility that some techniques for solving equations can create extraneous solutions. They will understand why these solutions arise in certain types of equations and not others.

Students also complete their studies of numbers by studying what are called imaginary numbers, numbers that arise from taking the square root of a negative one. They learn how to perform operations on these types of numbers as well as what they mean graphically.

The course concludes with a final look at statistics as data is normalized and placed on a bell-shaped curve called a normal curve. They use this normal curve in making decisions and determining the validity of outcomes of studies.

35050 Algebra III in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): ALG2, MFC, AU

Prerequisite(s): Algebra II

This course, taught in Spanish, is equivalent to a course like College Algebra. Students taking this course will study the same types of function from Algebra II however they will be studied more in depth and apply theorems to develop fluency with these functions. Students study more advanced features of functions such as holes in graphs, slant asymptotes, and symmetry. This fluency leads students into a study of conic sections and their features.

Students manipulate the equations and expressions studied here to be able to expose features from the various forms. Students connect these features to real-world context in order to make sense of and supply meaning to the features.

In addition to these areas, students also study writing sequences in various notations, perform operations on complex numbers and expressions, read equations as blueprints of motion and distortion of primary graph families, and use matrix algebra to solve problems.

36119 Biology I in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): BIO

Prerequisite(s): None

In this course, taught in Spanish, students will explore the physical and biological environment through developing an understanding of the basic principles that govern life on the earth. Topics covered in this course include scientific skills, ecology, biochemistry, cellular processes, genetics, evolution, classification of organisms, as well as plant and human body systems. Laboratory investigations are a significant portion of this course and are used to build knowledge through evaluating scientific data, developing skills in techniques, developing, and refining problem-solving skills through inquiry and sharing/presenting findings.

36310 Chemistry I in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): CHEM, PHYSC, SFC, AU

Prerequisite(s): None

Chemistry is an inquiry-based physical science that examines matter and the changes it undergoes. In this course, taught in Spanish, experiments and activities are used to introduce concepts including the structure of atoms and chemical compounds, the relationships among the elements on the periodic table, chemical and physical transformations, and the measurement and calculations of chemical quantities.

36410 Earth and Space Science in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): SFC, AU, ELEC

Prerequisite(s): None

In this course, taught in Spanish, students explore the interconnections between the land, ocean, atmosphere, and life of our planet. These include the cycles of water, carbon, rock, and other materials that continuously shape, influence, and sustain Earth and its inhabitants.

37113 Economics in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): SSFC, AU, ELEC
Prerequisite(s): None

This is a one-semester elective, taught in Spanish, designed to give the student an insight into the economic problems of the United States and their social implications; to apply economic theory to the understanding of and solutions for these problems; to understand how business organizations, labor groups, consumers and government interact in the operation of the economy; and to compare a modified private enterprise system with other types of economic systems. This course may be taught in partnership with Junior Achievement.

35515 Geometry in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): GEOM, MFC, AU
Prerequisite(s): Algebra I, credit for both first and second semesters

This course, taught in Spanish, is a continued study of shapes and their connections to motions and distortion. Students will learn how to provide detailed mathematical descriptions of these motions to build an understanding of theorems. This helps reinforce the logic of the theorems and connect to their understandings established in Pre-Algebra.

Students visually establish the properties of shapes and are taught how to reconstruct formulas from patterns so that they rely less on memorization and become more intuitive.

Students will use their work from middle school in conjunction to their work in similarity to build special ratios called sine, cosine, and tangent. They will build an understanding why their ratios stay fixed despite the enlarging and shrinking of a right triangle. Students learn how to use these ratios to solve problems where an indirect measurement must be used.

Additionally, students build upon their work with shapes that have straight segment sides to relationships between parts of circles, they use the tools of geometry and constructions to make the theorems they study more relevant and apparent, and they use a grid as a measuring tool.

36510 Physical Science in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): PHYSC, SFC, AU
Prerequisite(s): None

In this course, which is taught in Spanish, students explore matter and energy through the lenses of chemistry and physics. It is a basis for the further study of chemistry and physics. Inquiry-based labs and investigations are used to give students hands-on

learning and real-world applications. Topics that will be studied include matter, the periodic table, elements, mixtures, compounds, chemical reactions, light and electromagnetic spectrum, energy, heat, motion, Newton's laws, and momentum.

36610 Physics in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): PHY, PHYSC, SFC, AU
Prerequisite(s): None

This course, taught in Spanish, uses inquiry-based lab investigations to explore real-world problems enabling students to recognize the nature and scope of physics and its relationship to the other sciences. Students will learn about foundational topics such as motion, forces, energy, momentum, heat and heat transfer, waves, electricity, and magnetism.

37230 US Government in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): GOV
Prerequisite(s): None

This one-semester course, taught in Spanish, compares the basic philosophies of democracy and totalitarian systems of government and the history of how our federal checks and balances and limited government concept works under the Constitution.

37440 US History 1878 to Present in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes
Credit Type(s): USHIS
Prerequisite(s): None

This course, taught in Spanish, will explore the development of the United States since 1878. Students will describe and analyze effects of the Reconstruction Era amendments to the United States Constitution, examine the impact of immigration and the settlement of the American West on American society, and evaluate the economic effects of the industrialization and the changing role of the United States in world affairs at the turn of the twentieth century. The student will also describe the social, cultural, and economic events between the World Wars, investigate and analyze the Great Depression, identify the causes, events, and effects of World War II, and assess the foreign and domestic policies of the United States since World War II. The student will also examine the 9/11 attacks on New York City and Washington, DC. Throughout the course, the student will analyze primary and secondary sources and interpret timelines, charts, maps, graphs, pictures, photographs, and political cartoons. Historical research and writing narrative elements effectively into arguments and informative texts will be required.

37540 World History Survey in Spanish

Credit: 1 **Grades:** 9, 10, 11, 12 **OK Prom:** Yes

Credit Type(s): WH, SSFC, AU

Prerequisite(s): None

This course, taught in Spanish, will examine the enduring philosophical and religious contributions from the ancient and classical eras to the modern world. Students will examine the impact of the European Renaissance and Reformation, various movements, the Industrial Revolution, the world war eras, post-World War and contemporary events.

Advanced Placement Courses

Course Name	Course Number	Credit Type
2-D ART & DESIGN AP*	32424	FA, ELEC
3-D ART & DESIGN AP*	32427	FA, ELEC
AFRICAN AMERICAN STUDIES AP*	37029	SSFC, AU, ELEC
AP CALCULUS AB* (TTC)	30890	MFC, AU, ELEC
AP CALCULUS BC* (TTC)	30891	MFC, AU, ELEC
AP CHEMISTRY* (TTC)	30894	CHEM, PHYSC, SFC, AU
AP COMPUTER SCI PRINC* (CSP) (TTC-SEM)	30637	CTE, AU, ELEC
AP COMPUTER SCIENCE A (CSA)* (TTC-SEM)	30638	CTE, AU, ELEC
AP PHYSICS 1* (TTC)	30897	PHY, PHYSC, SFC, AU
BIOLOGY AP*	36131	BIO, SFC, AU
BIOLOGY AP* (TTC)	30898	BIO, SFC, AU, ELEC
CALCULUS AB AP*	35341	MFC, AU
CALCULUS BC AP*	35344	MFC, AU
CHEMISTRY AP*	36331	CHEM, PHYSC, SFC, AU
CHINESE LANGUAGE/CULTURE AP*	34569	WL, AU, ELEC
COM GOV&POL AP* (.5)	37054	AU, ELEC, SSFC
COM GOV&POL AP* (1.0)	37055	AU, ELEC, SSFC
COMPUTER SCIENCE A (CTE) AP*	30151	CTE, AU, ELEC
COMPUTER SCIENCE A AP*	35641	AU, CTE, ELEC
COMPUTER SCIENCE PRINCIPLES AP*	30150	AU, ELEC
DRAWING AP*	32421	FA, ELEC
ECON-MACRO AP* (.5)	37147	AU, ELEC, SSFC
ECON-MICRO AP* (.5)	37144	AU, ELEC, SSFC
ENG LANG COM AP*	34091	ENG3, ENG4
ENG LIT COM AP*	34141	ENG4, ENG3
ENVIRON SCI AP*	36427	SFC, AU, ELEC
EUROPEAN HIS AP*	37384	AU, ELEC, SSFC
FRENCH LANGUAGE AND CULTURE AP*	34586	WL, AU, ELEC
GERMAN LANG AP*	34677	WL, AU, ELEC
HIST OF ART AP*	32454	FA, ELEC
HUMAN GEOGRAPHY AP*	37208	AU, ELEC, SSFC
LATIN-VIRGIL AP*	34794	WL, AU, ELEC
MUSIC THEORY AP*	32241	FA, ELEC
OSSM HYBRID AP CALCULUS AB*	35377	MFC, AU, ELEC
OSSM HYBRID AP PHYSICS 1*	36657	PHY, PHYSC, SFC, AU
OSSM HYBRID CALCULUS BC AP*	35378	MFC
OSSM HYBRID PHYSICS II AP*	36658	PHY, SFC
PHYSICS C AP*	36651	PHY, PHYSC, SFC, AU
PHYSICS 1 AP*	36620	PHY, PHYSC, SFC, AU
PHYSICS 2 AP*	36621	PHY, PHYSC, SFC, AU
PHYSICS PRE AP HS/CR	26514	PHY, PHYSC, SFC, AU
PRECALCULUS AP*	35370	MFC, AU, COREMTH, ELEC

PSYCHOLOGY AP* (.5)	37333	SSFC, AU, ELEC
PSYCHOLOGY AP* (1.0)	37334	SSFC, AU, ELEC
RESEARCH AP*	37278	ELEC
SEMINAR AP*	37276	ELEC
SPANISH LANG AP*	34914	WL, AU, ELEC
SPANISH LIT AP*	34916	WL, AU, ELEC
STATISTICS AP*	35514	MFC, AU, ELEC
US GOV&POL AP* (.5)	37251	GOV, AU, SSFC, ELEC
US GOV&POL AP* (1.0)	37252	GOV, AU, SSFC, ELEC
US HISTORY AP*	37471	USHIS, AU
WORLD HISTORY: MODERN AP*	37556	WH, AU, SSFC

International Baccalaureate Courses

Course Name	Course Number	Credit Type
ADVANCED DRAMA IBHL*	32326	FA, ELEC
ADVANCED DRAMA IBSL*	32324	FA, ELEC
BEG DR & PAINTING IBMYP	32267	FA, ELEC
BIOLOGY IBHL I*	36141	BIO, SFC, AU, ELEC
BIOLOGY IBHL II*	36151	BIO, SFC, AU, ELEC
CALCULUS IBHL*	35361	MFC, AU
CALCULUS IBSL*	35351	MFC, AU
CHEMISTRY IBHL*	36351	CHEM, PHYSC, SFC, AU
CHEMISTRY IBSL*	36341	CHEM, PHYSC, SFC, AU
CHINESE IBSL I*	34544	WL, AU, ELEC
CHINESE IBSL II*	34547	WL, AU, ELEC
COMPUTER SCIENCE IBHL*	35651	AU, ELEC
COMPUTER SCIENCE IBSL*	35631	AU, ELEC
ECONOMICS IBSL*	37131	ELEC, AU, SSFC
ENGLISH I IBMYP	34031	ENG1
ENGLISH IBHL I*	34057	ENG3
ENGLISH IBHL II*	34054	ENG4
ENGLISH II IBMYP	34061	ENG2
FILM IBHL*	32399	FA, ELEC
FILM IBSL*	32398	FA, ELEC
FRENCH IBHL*	34634	WL, AU, ELEC
FRENCH IBSL I*	34614	WL, AU, ELEC
FRENCH IBSL II*	34617	WL, AU, ELEC
GERMAN IBHL*	34684	WL, AU, ELEC
GERMAN IBSL I*	34674	WL, AU, ELEC
GERMAN IBSL II*	34669	WL, AU, ELEC
GLOBAL POLITICS IBSL*	37034	SSFC, ELEC, AU
HIS AMER IBHL*	37203	WH, AU, ELEC, SSFC
HIS OF AFR IBHL*	37201	AU, ELEC, SSFC, WH
HIST/EUROP IBHL*	37537	SSFC, AU, ELEC, WH
IB MYP CORE (.5)	34027	ELEC
INFO TECH IBSL*	31611	ELEC
JAPANESE IBHL*	34761	WL, AU, ELEC
JAPANESE IBSL I*	34751	WL, AU, ELEC
JAPANESE IBSL II*	34754	WL, AU, ELEC
LATIN IBHL*	34824	WL, AU, ELEC
LATIN IBSL I*	34814	WL, AU, ELEC
LATIN IBSL II*	34817	WL, AU, ELEC
LITERATURE AND PERFORMANCE IBSL*	32435	FA, ELEC
MATH APPLICATION & INTERPRETATIONS IBHL*	35512	MFC, AU
MATH APPLICATION & INTERPRETATIONS IBSL*	35513	MFC, AU
MATH STUDY IBSL*	35054	MFC, AU, ELEC
MUSIC THEO IBHL*	32224	FA, ELEC

MUSIC THEO IBSL*	32244	FA, ELEC
PE I IBMYP	33614	PE, ELEC
PHYSICS IBHL*	36654	PHY, PHYSC, SFC, AU
PHYSICS IBSL*	36641	PHY, PHYSC, SFC, AU
PORTFOLIO ART IBHL*	32461	FA, ELEC
PSYCHOLOGY IBHL*	37355	SSFC, AU, ELEC
PSYCHOLOGY IBSL*	37353	SSFC, AU, ELEC
SE ASIA IBHL*	37205	WH, AU, ELEC, SSFC
SOCIAL AND CULTURAL ANTHROPOLOGY IBHL*	37156	SSFC, AU, ELEC
SOCIAL AND CULTURAL ANTHROPOLOGY IBSL*	37155	SSFC, AU, ELEC
SPANISH IBHL*	34924	WL, AU, ELEC
SPANISH IBSL I*	34894	WL, AU, ELEC
SPANISH IBSL II*	34897	WL, AU, ELEC
SPORTS, EXERCISE, & HEALTH SCI IBSL*	33541	SFC, AU, ELEC
STUDIO ART IBSL*	32431	FA, ELEC
THEORY OF KNOWLEDGE IB*	34361	ELEC
WORLD HISTORY IBSL*	37531	WH, AU, ELEC, SSFC
WORLD RELIGIONS IBSL*	37539	AU, ELEC, SSFC

Edgenuity Courses

Edgenuity is an online learning platform which is used as a credit recovery and/or credit accrual resource by Tulsa Public Schools for students to utilize during the school day. Students may be enrolled in Credit Recovery or Credit Accrual for the number of hours needed during the school year; however, students must be enrolled in one course on Edgenuity for every scheduled period of credit recovery/accrual. For more information regarding these courses, please contact the school counselor.

TPS Course Name	Edgenuity Course Name	Course Number	Credit Type	Credits
English/Language Arts				
English I	OK-English Language Arts 9 A-CR	34011A	ENG1	0.5
English I	OK-English Language Arts 9 B-CR	34011B	ENG1	0.5
English II	OK-English Language Arts 10 A-CR	34041A	ENG2	0.5
English II	OK-English Language Arts 10 B-CR	34041B	ENG2	0.5
English III	OK-English Language Arts 11 A-CR	34071A	ENG3	0.5
English III	OK-English Language Arts 11 B-CR	34071B	ENG3	0.5
English IV	OK-English Language Arts 12 A-CR	34121A	ENG4	0.5
English IV	OK-English Language Arts 12 B-CR	34121B	ENG4	0.5
Mathematics				
Algebra I	OK-Algebra I A-CR	35011A	ALG1	0.5
Algebra I	OK-Algebra I B-CR	35011B	ALG1	0.5
Algebra II	OK-Algebra II A-CR	35031A	ALG2	0.5
Algebra II	OK-Algebra II B-CR	35031B	ALG2	0.5
Intermediate Algebra	OK-Intermediate Algebra A-CR	35064A	ELEC, COREMTH	0.5
Intermediate Algebra	OK-Intermediate Algebra B-CR	35064B	ELEC, COREMTH	0.5
Math of Finance	Financial Math - MA2007 A-CR	35261A	ELEC, COREMTH	0.5
Math of Finance	Financial Math - MA2007 B-CR	35261B	ELEC, COREMTH	0.5
Geometry	OK-Geometry A-CR	35111A	GEOM	0.5
Geometry	OK-Geometry B-CR	35111B	GEOM	0.5
Pre-Calculus	OK-Precalculus A-CR	35371A	MFC, AU	0.5
Pre-Calculus	OK-Precalculus B-CR	35371B	MFC, AU	0.5
Statistics and Probability	OK-Statistics and Probability A-CR	35510A	MFC, AU	0.5
Statistics and Probability	OK-Statistics and Probability B-CR	35510B	MFC, AU	0.5
Science				
Biology	OK-Biology A-CR	36111A	BIO	0.5
Biology	OK-Biology B-CR	36111B	BIO	0.5
Chemistry	OK-Chemistry A-CR	36311A	CHEM, PHYSC, SFC, AU	0.5
Chemistry	OK-Chemistry B-CR	36311B	CHEM, PHYSC, SFC, AU	0.5
Earth Science	OK-Earth and Space Science A-CR	36411A	AU, SFC, ELEC	0.5
Earth Science	OK-Earth and Space Science B-CR	36411B	AU, SFC, ELEC	0.5
Environmental Science	OK-Environmental Science A-CR	36431A	SFC, AU, ELEC	0.5
Environmental Science	OK-Environmental Science B-CR	36431B	SFC, AU, ELEC	0.5
Physical Science	OK-Physical Science A-CR	36511A	PHYSC, SFC, AU, ELEC	0.5
Physical Science	OK-Physical Science B-CR	36511B	PHYSC, SFC, AU, ELEC	0.5

Physics	OK-Physics A-CR	36611A	PHY, PHYSC, SFC, AU	0.5
Physics	OK-Physics B-CR	36611B	PHY, PHYSC, SFC, AU	0.5
Social Studies				
Economics	OK-Economics CR	37111A	AU, SSFC, ELEC	0.5
Oklahoma History	OK-Oklahoma History CR	37411A	OKHIS	0.5
US Government	OK-US Government CR	37231A	GOV	0.5
US History	OK-US History A-CR	37454A	USHIS	0.5
US History	OK-US History B-CR	37454B	USHIS	0.5
World History Survey	OK-World History A-CR	37541A	WH	0.5
World History Survey	OK-World History B-CR	37541B	WH	0.5
Civics	Civics and Citizenship - SS3303 CR	37070A	AU, ELEC, SSFC	0.5
World Languages				
French I	French I - WL9613 A LMS	34571A	WL, AU, ELEC	0.5
French I	French I - WL9613 B LMS	34571B	WL, AU, ELEC	0.5
French II	French II - WL9614 A LMS	34851A	WL, AU, ELEC	0.5
French II	French II - WL9614 B LMS	34851B	WL, AU, ELEC	0.5
German I	German I - WL9623 A LMS	34651A	WL, AU, ELEC	0.5
German I	German I - WL9623 B LMS	34651B	WL, AU, ELEC	0.5
German II	German II - WL9624 A LMS	34661A	WL, AU, ELEC	0.5
German II	German II - WL9624 B LMS	34661B	WL, AU, ELEC	0.5
Spanish I	Spanish I - WL9603 A LMS	34871A	WL, AU, ELEC	0.5
Spanish I	Spanish I - WL9603 B LMS	34871B	WL, AU, ELEC	0.5
Spanish II	Spanish II - WL9604 A LMS	34881A	WL, AU, ELEC	0.5
Spanish II	Spanish II - WL9604 B LMS	34881B	WL, AU, ELEC	0.5
Spanish III	Spanish III - WL9605 A LMS	34891A	WL, AU, ELEC	0.5
Spanish III	Spanish III - WL9605 B LMS	34891B	WL, AU, ELEC	0.5
Fine Arts				
Art History	Art History I - EL4002 A-CR	32444A	FA, ELEC	0.5
Art History	Art History I - EL4002 B-CR	32444B	FA, ELEC	0.5
Art 1	Introduction to Art - EL1086 A-CR	32251A	FA, ELEC	0.5
Art 1	Introduction to Art - EL1086 B-CR	32251B	FA, ELEC	0.5
Health and Physical Education				
Health and Nutrition	Foundations of Personal Wellness - EL2082 A	33650A	PE, ELEC	0.5
Health and Nutrition	Foundations of Personal Wellness - EL2082 A	33650A	PE, ELEC	0.5
Health Education	OK-Health Education CR	33741A	PE, ELEC	0.5
Physical Education I /Activity for Life	Lifetime Fitness (semester) EL2083	33611A	PE, ELEC	0.5
General Electives				
Personal Financial Literacy	OK-Personal Financial Literacy CR	31414A	ELEC, PFL	0.5
Career Explorations	Career Explorations - EL3401 A	39900A	ELEC	0.5
Career Explorations	Career Explorations - EL3401 B	39900B	ELEC	0.5
Career Planning and Development	Career Planning and Development - EL4222 A-CR	31316A	ELEC	0.5
Introduction to Health Science	Introduction to Health Science - EL3601 A	39906A	ELEC	0.5
Introduction to Health Science	Introduction to Health Science - EL3601 B	39906B	ELEC	0.5
Computer Applications I	Computer Applications - Office 2019/Office 365 - EL3520 A	31318A	ELEC, AU, CTE	0.5

Computer Applications I	Computer Applications - Office 2019/Office 365 - EL3520 A	31318B	ELEC, AU, CTE	0.5
Strategies for Academic Success	Strategies for Academic Success - EL1087 CR	34205A	ELEC	0.5

POSTSECONDARY OPPORTUNITIES

Tulsa Public Schools provides opportunities for students to earn dual credits with other institutions and take advantage of work-based learning activities with Internships.

Work Based Learning

The Tulsa Public Schools Internship Program partners with local professionals to offer students authentic post-secondary learning experiences. Students receive career guidance and are matched with internships to explore potential professions and workplaces. Internships, which can be paid or unpaid, aim to broaden students' knowledge and enhance their skills and goals. Supervised by the district and employers, the program combines classroom instruction with on-site training, allowing for a flexible and comprehensive approach to career development. If you are interested in work based learning opportunities, you must do well in school, have good attendance, and set goals for your future. Work based learning includes both paid and non-paid internships.

International Baccalaureate

The IB Diploma Program is a demanding pre-university course of studies, leading to examinations, designed for highly motivated secondary school students. Conceived as a comprehensive two-year curriculum that allows its graduates to fulfill requirements of various national educational systems, the diploma model is based on the pattern of no single country but incorporates the best elements of several. Its reputation for rigorous assessment gives IB diploma holders access to the world's leading universities and solid preparation for high achievement once enrolled.

Diploma candidates are required to select one subject from each of the six subject groups. At least three subjects are taken at the higher level (240 teaching hours) and 3 at the standard level (150 teaching hours). Students must also enroll in Theory of Knowledge (TOK) for two years, complete a 4000 word Extended Essay, and fulfill the Creativity, Activity, and Service (CAS) requirement.

To attend an IB school, students must apply and be accepted.

Advanced Placement

Advanced courses are offered at the high school level to prepare students for the rigor of the Advanced Placement (AP) courses. These courses cover the same standards as their non-AP counterparts (i.e., English I or Advanced English I); however, Advanced courses are taught to a higher level of rigor and utilize techniques and practices that will help students develop the skills for success in AP coursework. Advanced courses are open to all students who are willing to apply themselves to the higher level of rigor present in these courses.

The Advanced Placement program, sponsored by the College Board, is offered at high school campuses to students in 10th through 12th grades. Typically, students enroll in Advanced at the early grade levels, moving to AP courses in grades 10, 11, and 12. Curriculum is integrated from grade-to-grade culminating with an opportunity to earn college credit after successfully completing an exam at the end of the AP course.

AP exams are an essential part of the AP experience, enabling students to demonstrate their mastery of college-level work. Many colleges award college credit, advanced placement, or both based on successful AP exam scores. Taking AP exams is highly recommended and encouraged.

Enrollment in Advanced Placement is open to all students who have successfully completed the prerequisite courses and are committed to performing at the level required for success in the rigorous program.

Beginning with the 2024-2025 school year, all public high schools in the state shall make a minimum of four (4) Advanced Placement courses available to students. These courses can be made available through:

- A school site or sites within the district,
- A career and technology institution within the district,
- A program offered by the Statewide Virtual Charter School Board or one of its vendors, or
- A school site or sites in another school district.

The AP Program charges a fee for each AP Exam. Your school will help you submit any AP Exam fees you owe. You cannot pay on the College Board website.

Description	Cost per Exam
AP Exam (except AP Seminar and AP Research) taken in the U.S., U.S. territories, Canada, and DoDEA schools	\$99
Late order fee: Exams ordered between November 16 and March 15 for full-year or first-semester courses incur a late order fee in addition to the exam fee. This fee doesn't apply to exams for courses that start after November 15 and exams for students that transfer into the school.	\$40 per exam in addition to the exam fee
Unused/canceled exam fee: If you decide after the November 15 ordering deadline not to take an exam that was ordered for you, the charge is \$40 per exam instead of the full exam fee. The \$40 fee applies to any unused or canceled exam, including an exam ordered for a student who qualifies for a College Board fee reduction. It's important to tell your AP coordinator if you decide not to take an exam. This fee doesn't apply if you transfer out of a school.	\$40 per exam

Note: Your school may require you to pay a higher fee than listed in the table to cover proctoring and administration costs. In most cases, there's no additional fee to take an alternate exam during the late-testing schedule. If you're planning to take an exam during the late-testing period, check with your counselor and school's AP Coordinator to confirm whether you owe an additional late-testing fee.

For low-income students, College Board and the State Department of Education provide fee reduction waivers to reduce the cost of exams to \$10 per exam.

The State Department of Education provides a discount for students who do not qualify for low-income reduction and who take two or more exams in one year. Please see the Oklahoma State Department of Education website for more information at: <https://oklahoma.gov/education/services/standards-learning/advanced-placement.html>

Career Tech

Career and Technology Education (Career Tech) courses give secondary students the chance to get a head start on preparing for college and careers. They provide courses and pathways consistent with industry standards. Exploratory courses begin in middle school and lead to high school courses that teach students specific job-relevant skills. Career Tech courses provide pathways for students to employment and postsecondary education.

Note: Career Tech courses are taught by TPS teachers in our secondary schools. These are separate from Tulsa Tech courses.

Tulsa Tech

Students in their junior or senior year have the opportunity to enroll in programs at Tulsa Tech. Tulsa Tech offers a wide range of opportunities to prepare students for success in a career in fields such as health sciences, pre-engineering, automotive, manufacturing, and information technology. A list of programs offered is available in the Tulsa Tech section. Detailed program information and how to apply is available at <http://www.tulsatech.edu>.

Students who wish to attend Tulsa Tech must demonstrate an interest in attending by visiting a program of interest and filling out an application. If accepted, students are expected to adhere to Tulsa Tech rules and regulations in addition to

those of Tulsa Public Schools. Transportation is provided to and from the TPS school site and Tulsa Tech. Students are required to attend Tulsa Tech classes even if TPS classes are not in session.

Below is a table of programs offered at Tulsa Tech and the campus(es) where they are offered.

Cluster	Program Name	Campus	Length of Program
Architecture & Construction	Carpentry	Lemley, Sand Springs	1 Year
Architecture & Construction	Electronic Control Systems	Sand Springs	1 Year
Architecture & Construction	Electrical Trades	Sand Springs	1 Year
Architecture & Construction	Electric Utility Lineworker	Sand Springs	2 Years
Architecture & Construction	HVAC Technician	Lemley	2 Years
Architecture & Construction	Introduction to Construction	Lemley	1 Sem
Architecture & Construction	Masonry	Lemley	1 Year
Architecture & Construction	Plumbing Technician	Lemley	2 Years
Arts, A/V Technology & Communications	Digital Graphics	Sand Springs	1 Year
Arts, A/V Technology & Communications	Photography	Owasso	2 Years
Arts, A/V Technology & Communications	Sound Engineering	Riverside, Owasso	1 Year
Arts, A/V Technology & Communications	TV Production	Riverside	2 Years
Arts, A/V Technology & Communications	Visual Graphic Design	Riverside	2 Years
Business Management & Administration	Legal Professional Assistant	Peoria	2 Years
Business Management & Administration	Medical Health Records Clerk	Peoria	1 Year
Finance	Accounting	Peoria	1 Year
Health Science	Dental Assisting	Health Sciences Center	1 Year
Health Science	Emergency Medical Responder/Emergency Medical Technician	Peoria	1 Year
Health Science	Health Science Technology	Broken Arrow, Owasso, Peoria, Riverside, Sand Springs	1 Year
Health Science	Medical Assisting	Health Sciences Center, Owasso	1 Year
Health Science	Nursing Assistant - One Semester	Peoria	1 Sem
Health Science	Nursing Transitions	Health Sciences Center	1 Year
Health Science	Pharmacy Technician	Health Sciences Center, Owasso	1 Year
Health Science	Sports Medicine & Therapy Professions	Health Sciences Center	1 Year
Health Science	Vision Care Assistant	Health Sciences Center	1 Year
Human Services	Cosmetology	Broken Arrow, Peoria, Sand Springs	2 Years
Human Services	Early Care & Education	Peoria	2 Years
Hospitality & Tourism	Culinary Arts	Owasso	2 Years
Hospitality & Tourism	Hospitality & Tourism Management	Owasso	1 Year
Information Technology	Animation	Riverside	2 Years
Information Technology	Computer Repair & Network Support	Owasso, Riverside	1 Year
Information Technology	Cyber Security/Forensics	Riverside	2 Years
Information Technology	IT System Administration	Riverside, Owasso	2 Years

Information Technology	IT Networking Systems	Riverside	1 Year
Information Technology	Mobile App Development	Riverside	1 Year
Information Technology	Multimedia Design Assistant	Riverside	1 Year
Law, Public Safety, Corrections & Security	Criminal Justice Investigations	Peoria	1 Year
Law, Public Safety, Corrections & Security	Criminal Justice Practical Law	Peoria	1 Year
Manufacturing Technology	Applied Production Technology	Owasso	1 Year
Manufacturing Technology	Drafting	Broken Arrow	2 Years
Manufacturing Technology	Foundations of Manufacturing	East Central, McLain	1 Year
Manufacturing Technology	Certified Machine Technician	Broken Arrow	2 Years
Manufacturing Technology	Mechatronics Systems Technician	Broken Arrow	2 Years
Manufacturing Technology	Welding Combination	Broken Arrow, Lemley, Peoria, Sand Springs	2 Years
Marketing, Sales & Service	Business Management Entrepreneurship	Owasso	1 Year
Science, Technology, Engineering & Mathematics	Biomedical Science Advanced	Lemley	2 Years
Science, Technology, Engineering & Mathematics	Pre-Engineering Advanced	Lemley	2 Years
Science, Technology, Engineering & Mathematics	Foundations of Engineering	Edison, Memorial	2 Years
Transportation, Distribution & Logistics	Collision Repair	Broken Arrow	1 Year
Transportation, Distribution & Logistics	Collision Refinishing	Broken Arrow	1 Year
Transportation, Distribution & Logistics	Automotive Maintenance Light Repair	Broken Arrow	1 Year
Transportation, Distribution & Logistics	Aviation Generals	Riverside	1 Year
Transportation, Distribution & Logistics	Automotive Service Technician	Broken Arrow	2 Years
Transportation, Distribution & Logistics	Medium/Heavy Diesel Service Technician	Broken Arrow	2 Years
Transportation, Distribution & Logistics	Motorcycle & Power Equipment	Broken Arrow	2 Years
Transportation, Distribution & Logistics	Private Pilot Ground School	Riverside	1 Year

TTC Courses Offered for High School Students:

The following table is a comprehensive list of courses offered to high school students. To enroll in Tulsa Tech, please see the school counselor for specific details.

Tulsa Tech Programs/Career Majors		Students only receive a total of 1.5 credits per semester from Tulsa Tech					
OCAS Codes Associated with Tulsa Tech Programs, Academic and Oklahoma Promise Credit courses							
	Credit Type	TPS Course Number	OCAS Code	Total Credits per year	1st Sem credit	2nd Sem credit	Academic & OK Promise 1 Credit per year
Red = Courses receiving Academic/Oklahoma Promise Credit							
Oklahoma Promise and/or Academic Credit eligible courses associated with Career Majors							
Accounting	ELEC, COREMTH	30550	9258	2	1	1	

Computerized Accounting	CTE, AU, ELEC	30886	8109	1	0.5	0.5	1 Computer
Animation I	ELEC, COREMTH	30564	9526	3	1.5	1.5	
Animation II	ELEC, COREMTH	30563	9527	3	1.5	1.5	
Applied Production Technology	ELEC, COREMTH	30636	9876	3	1.5	1.5	
Automotive Maintenance Light Repair	ELEC, COREMTH	30521	9907	3	1.5	1.5	
Automotive Service Technician I	ELEC, COREMTH	30520	9906	3	1.5	1.5	
Automotive Service Technician II	ELEC, COREMTH	30527	9907	3	1.5	1.5	
Aviation Generals I	ELEC, COREMTH	30774	9901	3	1.5	1.5	
Aviation Generals II	ELEC, COREMTH	30775	9922	3	1.5	1.5	
Business Management Entrepreneurship	ELEC, COREMTH	30561	9795	3	1.5	1.5	
Carpentry	ELEC, COREMTH	30570	9053	3	1.5	1.5	
Certified Machine Technician I	ELEC, COREMTH	30744	9679	3	1.5	1.5	
Certified Machine Technician II	ELEC, COREMTH	30745	9680	3	1.5	1.5	
Collision Refinishing	ELEC, COREMTH	30522	9905	3	1.5	1.5	
Collision Repair	ELEC, COREMTH	30523	9904	3	1.5	1.5	
Computer Repair & Network Support	CTE, ELEC, AU, COREMTH	30557	9542	2	0.5	1.5	
Computer Repair & Troubleshooting I	CTE, AU, ELEC	30804	8136	1	1		1 Computer
Cosmetology I	ELEC, COREMTH	30582	9478	3	1.5	1.5	
Cosmetology II	ELEC, COREMTH	30583	9488	3	1.5	1.5	
Criminal Justice Investigations	ELEC, COREMTH	30777	9629	3	1.5	1.5	
Criminal Justice Practical Law	ELEC, COREMTH	30778	9638	3	1.5	1.5	
Culinary Arts I	ELEC, COREMTH	30640	9426	3	1.5	1.5	
Culinary Arts II	ELEC, COREMTH	30641	9427	3	1.5	1.5	
Cyber Security/Forensics I	CTE, AU, ELEC, COREMTH	30762	9530	3	1.5	1.5	
Cyber Security/Forensics II	CTE, AU, ELEC, COREMTH	30763	9564	3	1.5	1.5	
Dental Assisting	ELEC, COREMTH	30590	9311	3	1.5	1.5	
Digital Graphics	ELEC, COREMTH	30513	9144	3	1.5	1.5	
Drafting I	ELEC, COREMTH	30779	9681	2	1	1	
Fundamentals of CADD	CTE, AU, ELEC	30786	8905	1	0.5	0.5	1 Computer
Drafting II	ELEC, COREMTH	30780	9682	2	1	1	
Architectural CADD	CTE, AU, ELEC	30787	8903	1	0.5	0.5	1 Computer
Early Care & Education I	ELEC, COREMTH	30750	9480	3	1.5	1.5	
Early Care & Education II	ELEC, COREMTH	30751	9489	3	1.5	1.5	
Electrical Trades	ELEC, COREMTH	30615	9058	3	1.5	1.5	
Electronic Control Systems	ELEC, COREMTH	30788	9086	3	1.5	1.5	
Emergency Medical Technician	ELEC, COREMTH	30715	9317	2	0.5	1.5	
Anatomy	SFC	30717	5333	1	1		1 Science
Multimedia & Image Management Techniques	CTE, AU, ELEC	30887	8150	1	0.5	0.5	1 Computer
Health Science Technology	ELEC, COREMTH	30515	9321	2	1	1	
Anatomy	SFC	30717	5333	1	0.5	0.5	1 Science
HVAC Technician I	ELEC, COREMTH	30645	9059	3	1.5	1.5	
HVAC Technician II	ELEC, COREMTH	30646	9080	3	1.5	1.5	

Introduction to Construction	ELEC	30584	9099	1.5	1.5		
Introduction to Construction	ELEC	30584	9099	1.5		1.5	
IT Networking Systems	ELEC, COREMTH	30574	9547	3	1.5	1.5	
IT System Administration I	ELEC, COREMTH	30499	9548	3	1.5	1.5	
IT System Administration II	ELEC, COREMTH	30500	9547	3	1.5	1.5	
Legal Professional Assistant I	ELEC, COREMTH	30548	9210	2	1.5	0.5	
Advanced Computer Applications for the Law Office	CTE, AU, ELEC	30800	8219	1		1	1 Computer
Legal Professional Assistant II	ELEC, COREMTH	30548	9217	3	1.5	1.5	
Masonry	ELEC, COREMTH	30571	9065	3	1.5	1.5	
Mechatronics Systems Technician I	ELEC, COREMTH	30622	9723	3	1.5	1.5	
Mechatronics Systems Technician II	ELEC, COREMTH	30623	9724	3	1.5	1.5	
Medical Assisting	ELEC, COREMTH	30705	9326	3	1.5	1.5	
Medical Health Records Clerk	ELEC, COREMTH	30716	9213	3	1.5	1.5	
Medium/Heavy Diesel Service Technician I	ELEC, COREMTH	30720	9912	3	1.5	1.5	
Medium/Heavy Diesel Service Technician II	ELEC, COREMTH	30721	9913	3	1.5	1.5	
Mobile App Development	CTE, AU, ELEC, COREMTH	30772	9550	3	1.5	1.5	
Motorcycle & Power Equipment I	ELEC, COREMTH	30727	9914	3	1.5	1.5	
Motorcycle & Power Equipment II	ELEC, COREMTH	30728	9927	3	1.5	1.5	
Multimedia Design Assistant	ELEC, COREMTH	30556	9540	3	1.5	1.5	
Nursing Assistant - One Semester	ELEC	30714	9301	1.5	1.5		
Nursing Assistant - One Semester	ELEC	30714	9301	1.5		1.5	
Nursing Transitions	ELEC, COREMTH	30730	9301	3	1.5	1.5	
Pharmacy Technician	ELEC, COREMTH	30729	9334	3	1.5	1.5	
Photography I	ELEC, COREMTH	30735	9130	3	1.5	1.5	
Photography II	ELEC, COREMTH	30736	9156	3	1.5	1.5	
Private Pilot Ground School	ELEC, COREMTH	30532	9917	3	1.5	1.5	
Restaurant & Lodging Management	ELEC, COREMTH	30665	9430	3	1.5	1.5	
Sound Engineering	ELEC, COREMTH	30702	9554	3	1.5	1.5	
Sports Medicine & Therapy Professions	ELEC, COREMTH	30734	9382	3	1.5	1.5	
TV Production I	ELEC, COREMTH	30741	9127	3	1.5	1.5	
TV Production II	ELEC, COREMTH	30740	9168	3	1.5	1.5	
Vision Care Assistant	ELEC, COREMTH	30737	9359	3	1.5	1.5	
Visual Graphic Design I	FA, ELEC, COREMTH	30783	9133	3	1.5	1.5	
Visual Graphic Design II	FA, ELEC, COREMTH	30784	9144	3	1.5	1.5	
Welding Combination I	ELEC, COREMTH	30770	9707	3	1.5	1.5	
Welding Combination II	ELEC, COREMTH	30771	9708	3	1.5	1.5	
Pre-Engineering & Biomedical Science eligible Math & Science courses							
Pre-Calculus	MFC, AU, ELEC	30889	4611	1	0.5	0.5	1 Math
AP Calculus AB	MFC, AU, ELEC	30890	4615	1	0.5	0.5	1 Math
AP Calculus BC	MFC, AU, ELEC	30890	4616	1	0.5	0.5	1 Math
AP Biology	BIO, SFC, AU, ELEC	30898	5035	1	0.5	0.5	1 Science
Chemistry	CHEM, PHYSC, SFC, AU	30893	5051	1	0.5	0.5	1 Science
AP Physics I	PHY, PHYSC, SFC, AU	30897	5213	1	0.5	0.5	1 Science
LEMLEY: Biomedical Science Advanced & Pre-Engineering Advanced eligible courses							

Biomedical Science Advanced			9852, 9870				
PLTW Principles of Biomedical Science	SFC, AU, ELEC, COREMTH	30830	8706	1	1		1 Science
PLTW Human Body Systems	SFC, AU, ELEC	30831	8707	1		1	1 Science
PLTW Medical Interventions	SFC, AU, ELEC	30832	8708	1	1		1 Science
PLTW Biomedical Innovations	SFC, AU, ELEC	30833	8719	1		1	1 Science
Pre-Engineering Advanced			9862, 9871				
Introduction to Engineering Design	CTE, AU, ELEC	30782	8709	1	1		1 Computer
Principles of Engineering	CTE, AU, ELEC	30625	8710	1		1	1 Computer
PLTW Digital Electronics	MFC, ELEC	30511	8711	1	1		1 Math
PLTW Digital Electronics	MFC, ELEC	30511	8711	1		1	
PLTW Computer Integrated Manufacturing	CTE, AU, ELEC	30632	8712	1		1	1 Computer
PLTW Civil Engineering & Architecture	ELEC	30630	8713	1	1		
PLTW 3 Engineering	AU, SFC, ELEC	30629	8715	1	1	0	1 Science
PLTW Engineering Design & Development	ELEC	30512	8716	1		1	
AP Computer Science Principles (CSP)	CTE, AU, ELEC	30637	8851	1	1		1 Computer
AP Computer Science A (CSA)	CTE, AU, ELEC	30638	8853	1		1	1 Computer

TTC Courses Eligible for Core Math Credit:

SB 1370 allows students on Core Diplomas to count certain Tulsa Tech courses for a mathematics credit. Not all students attending Tulsa Tech are required to be on the Core Diploma track—this applies only to those fulfilling their third math requirement with one of the designated courses listed below. Every effort should be made to ensure students remain on the College Prep diploma whenever possible.

Tulsa Tech Programs/Career Majors				
Tulsa Tech Program Courses receiving Academic/Oklahoma Promise Credit	TPS Course Number	OCA S Code	Ok Promise OK State of Ed 1 Credit per year	Core Math Credit s SB137 0
Oklahoma Promise and/or Academic Credit eligible courses associated with Career Majors				
Accounting	30550	9258	2 Elective	yes
Animation I	30564	9526	3 Elective	yes
Animation II	30563	9527	3 Elective	yes
Applied Production Technology	30636	9876	3 Elective	yes
Automotive Maintenance Light Repair	30521	9907	3 Elective	yes
Automotive Service Tech I	30520	9906	3 Elective	yes
Automotive Service Tech II	30527	9907	3 Elective	yes
Aviation Generals I	30774	9901	3 Elective	yes
Aviation Generals II	30775	9922	3 Elective	yes
Business Management Entrepreneurship	30561	9795	3 Elective	yes
Carpentry	30570	9053	3 Elective	yes
Certified Machine Technician I	30744	9679	3 Elective	yes

Certified Machine Technician II	30745	9680	3 Elective	yes
Collision Refinishing	30522	9905	3 Elective	yes
Collision Repair	30523	9904	3 Elective	yes
Computer Repair & Network Support	30557	9542	2 Elective	yes
Cosmetology I	30582	9478	3 Elective	yes
Cosmetology II	30583	9488	3 Elective	yes
Criminal Justice Investigations	30777	9629	3 Elective	yes
Criminal Justice Practical Law	30778	9638	3 Elective	yes
Culinary Arts I	30640	9426	3 Elective	yes
Culinary Arts II	30641	9427	3 Elective	yes
Cyber Security/Forensics I	30762	9530	3 Elective	yes
Cyber Security/Forensics II	30763	9564	3 Elective	yes
Dental Assisting	30590	9311	3 Elective	yes
Digital Graphics	30513	9150	2 Elective	yes
Drafting I	30779	9681	2 Elective	yes
Drafting II	30780	9682	2 Elective	yes
Early Care & Education I	30750	9480	3 Elective	yes
Early Care & Education II	30751	9489	3 Elective	yes
Electrical Trades	30615	9058	3 Elective	yes
Electronic Control Systems	30788	9086	3 Elective	yes
Emergency Medical Technician	30715	9317	2 Elective	yes
Health Science Technology	30515	9321	2 Elective	yes
HVAC Technician I	30645	9059	3 Elective	yes
HVAC Technician II	30646	9080	3 Elective	yes
IT System Administrator I	30499	9548	3 Elective	yes
IT System Administrator II	30500	9547	3 Elective	yes
IT Networking Systems	30574	9547	1 Elective	yes
Legal Professional Assistant I	30547	9210	2 Elective	yes
Legal Professional Assistant II	30548	9217	3 Elective	yes
Masonry	30571	9065	3 Elective	yes
Mechatronics Systems Technician I	30622	9723	3 Elective	yes
Mechatronics Systems Technician II	30623	9724	3 Elective	yes
Medical Assisting	30705	9326	2 Elective	yes
Medical Health Records Clerk	30716	9230	3 Elective	yes
Medium/Heavy Diesel Service Technician I	30720	9912	3 Elective	yes
Medium/Heavy Diesel Service Technician II	30721	9913	3 Elective	yes
Mobile App Development	30772	9551	3 Elective	yes
Motorcycle & Power Equipment I	30727	9914	3 Elective	yes
Motorcycle & Power Equipment II	30728	9927	3 Elective	yes
Multimedia Design Assistant	30556	9540	1 Elective	yes
Nursing Transitions	30730	9301	3 Elective	yes
Pharmacy Technician	30729	9334	3 Elective	yes
Photography I	30735	9130	3 Elective	yes
Photography II	30736	9156	3 Elective	yes
Private Pilot Ground School	30532	9917	3 Elective	yes

Restaurant & Lodging Management	30665	9430	3 Elective	yes
Sound Engineering	30702	9554	3 Elective	yes
Sports Medicine & Therapy Professions	30734	9382	3 Elective	yes
Television Production I	30741	9127	3 Elective	yes
Television Production II	30740	9168	3 Elective	yes
Vision Care Assistant	30737	9359	3 Elective	yes
Visual Graphic Design I	30783	9133	3 Elective	yes
Visual Graphic Design II	30784	9144	3 Elective	yes
Welding Combination I	30770	9707	3 Elective	yes
Welding Combination II	30771	9708	3 Elective	yes
Pre-Engineering & Biomedical Science eligible Math & Science courses				
AP Calculus AB	30890	4615	1 Math	yes
AP Calculus BC	30891	4616	1 Math	yes
Pre-Calculus	30889	4611	1 Math	yes
LEMLEY: Biomedical Science Advanced & Pre-Engineering Advanced eligible courses				
Biomedical Science Advanced		9852, 9870	No Prgm Elective	yes
Pre-Engineering Advanced		9862, 9871	No Prgm Elective	yes
PLTW Digital Electronics	30511	8711	1 Math	yes

Colleges and Universities

Students may take concurrent courses at various institutions including Tulsa Community College, Northeastern State University, Oklahoma State University, University of Oklahoma, University of Tulsa, Rogers State University, and Oral Roberts University. Students can attend these courses during the school day and earn high school credits as well as college credits.

College Admission Standards

College admission standards are set by the Oklahoma State Regents for Higher Education and revised annually if needed. The following are options for Admission of First-Time Entering Students. This information can be found at okcollegestart.org. The following tables display admission requirements for concurrent students.

Tulsa Community College

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u>
19/990	3.0 GPA	Test Optional

University of Oklahoma

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u>
24/1160	3.0 GPA AND Top 33%	Test Optional

Oklahoma State University

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u> Minimum GPA in the 15 Unit Core
24/1160	3.0 GPA AND Top 33%	Test Optional

University of Tulsa

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u>
25/1130	3.5 GPA	School Approval Form

Rogers State University

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u> Minimum GPA in the 15 Unit Core
19/1010	3.0 GPA	Test Optional

Oral Roberts University

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u>
20/1030	2.6 GPA	Test Optional

Northeastern State University

<u>Option 1</u> Minimum ACT/SAT	<u>Option 2</u> Minimum GPA and Class Rank	<u>Option 3</u> Minimum GPA in the 15 Unit Core
20/Equivalent SAT Score	2.7 GPA AND Top 50%	Test Optional

Concurrent Enrollment Procedures

Students should contact their counselors to determine their eligibility to enroll in college courses. When the student has confirmed eligibility, the list of approved college courses should be consulted to determine if the courses the student desires to take have already been approved. If the course is on the approved list, the student should work with the counselor to begin enrolling in the desired course(s).

The following table is a list of approved college/university courses that students at TPS may take. If a student desires to take a course from one of our postsecondary partners that does not appear in this list, s/he must fill out the [Proposed Course Addition for Concurrent Enrollment](#) form to seek approval for the course addition. Click the link for a PDF version of the form. This form must be submitted to the school counselor who will forward the request on to the Postsecondary Readiness department for approval from the Manager of Postsecondary Access. **Students may not enroll in courses not listed below without this approval form.**

Tulsa Public Schools encourages its students to take courses which will transfer to another college or university should they wish to complete their degree after high school at another site. To ensure that a course will transfer, students may check the [Course Transfer Matrix](#) provided by the Oklahoma State Regents for Higher Education. Preference for approval will be given to courses that are on the matrix.

Students may enroll in up to nine semester-credit-hours during a summer session or term at a college or university of the State System without the necessity of being concurrently enrolled in high school classes during the summer term. Students need to register as high school students during summer term so that their grades will be sent to the district. Students are required to attend a college Orientation in order to take concurrent classes.

Tulsa Community College has forged a close relationship with Tulsa Public Schools and offers several ways that students may participate in concurrent enrollment while in high school. Tuition waivers are available for eligible students. Scholarships may be available to cover fees and books, but students **MUST** apply to receive these funds.

It is essential that students understand that the grade(s) they receive for concurrent coursework appear on both their high school and college transcripts. These grades will affect their high school GPA. Successful completion for college credit requires a C or better grade. Excessive withdraws, academic withdraws, Ds, or Fs may affect future financial aid and college admittance.

Approved College Course List

Courses in core areas, that are marked with an asterisk, also receive weighted grades. Below are available concurrent courses.

College	Course Name	Course Number	Credit Type(s)	Credit Hours
NSU	COLLEGE ALGEBRA - NSU*	110225	AU,ELEC,MFC	1
NSU	CONFLICT MANAGEMENT - NSU*	110231	ELEC	1
NSU	ENGLISH COMPOSITION I - NSU*	110230	AU,ELEC,ENG3,ENG4	1
NSU	GROW YOUR OWN - NSU	110200	ELEC	1
NSU	INTRO TO FINANCIAL ACCOUNTING - NSU*	110220	ELEC	1
NSU	PERSONAL FINANCIAL PLANNING - NSU*	110233	ELEC	1
NSU	PERSONAL HEALTH - NSU*	110232	ELEC	1
ORU	AMERICAN GOVERNMENT - ORU* (1.0)	111112	ENG3,ENG4,AU	1
ORU	BALLET III - ORU	116263	FA,ELEC	1
ORU	CHEMISTRY I - ORU*	116271	ELEC	1
ORU	CHRISTN LIFE I:OLD TESTAMNT - ORU (1.0)	110106	ELEC	1
ORU	CHRISTN LIFE II:NEW TESTAMNT - ORU (1.0)	111117	ELEC	1
ORU	COLLEGE ALGEBRA - ORU*	111012	CHEM,SFC,AU	0.5
ORU	COMPOSITION I - ORU* (1.0)	111130	GOV,SSFC,AU,ELEC	1

ORU	COMPOSITION II - ORU*	111118	ELEC	1
ORU	ELEMENTARY SPANISH I - ORU (1.0)	111122	USHIS,SSFC,AU,ELEC	1
ORU	INTRODUCTION TO SOCIOLOGY - ORU	110107	ELEC	1
ORU	MODERN DANCE II - ORU	112525	ENG3,ENG4,AU,ELEC	1
ORU	ORAL COMMUNICATION - ORU	116270	ELEC	1
ORU	PERSONAL FINANCIAL PLANNING - ORU	111114	ENG3,ENG4,AU	1
ORU	PRINCIPLES OF CHEMISTRY - ORU*	111010	ELEC	1
ORU	PRINCIPLES OF CHEMISTRY LAB - ORU	111011	CHEM,SFC,AU	1
ORU	PRINCIPLES OF MACROECONOMICS - ORU*	116265	FA,ELEC	1
ORU	PRINCIPLES OF PSYCHOLOGY - ORU	111125	ELEC	1
ORU	US HISTORY - ORU*	117849	MFC,AU,ELEC	1
OSU	AMERICAN GOVERNMENT - OSU*	117859	GOV,AU,ELEC	1
OSU	AMERICAN HISTORY SINCE 1865 - OSU*	117856	USHIS,AU,ELEC	1
OSU	COLLEGE ALGEBRA - OSU*	117857	MFC,AU,ELEC,ELEC	1
OSU	COMPOSITION I - OSU*	117855	ENG3,ENG4,AU,ELEC	1
OSU	COMPOSITION II - OSU*	111120	ENG3,ENG4,AU,ELEC	1
OSU	INTRODUCTION TO PSYCHOLOGY - OSU	117860	ELEC	1
OSU	MEDIA IN A DIVERSE SOCIETY - OSU	117858	ELEC	1
OSU	SOCIOLOGY - OSU	111119	ELEC	1
OU	AMERICAN FEDERAL GOVERNMENT - OU*	111123	SSFC,AU,ELEC	1
OU	INTRODUCTION TO RUSSIAN I - OU*	111025	AU,ELEC,WL	1
OU	INTRODUCTION TO RUSSIAN II - OU*	111026	AU,ELEC,WL	1
OU	PRINCIPLES OF COMPOSITION I - OU*	117850	WL,AU,ELEC	1
OU	SOCIOLOGY - OU	111126	AU,ENG3,ENG4	1
PITT	COLLEGE WRITING* - PITT	114143	MFC,AU,ELEC	1
RSU	AMERICAN FEDERAL GOVERNMENT - RSU* (1.0)	117862	GOV,AU,ELEC	1
RSU	CHEROKEE I - RSU*	111016	AU,ELEC,WL	1
RSU	CHEROKEE II - RSU*	111017	AU,ELEC,WL	1
RSU	COLLEGE ALGEBRA - RSU* (1.0)	117861	MFC,AU,ELEC	1
RSU	COMPOSITION I - RSU* (1.0)	111115	ENG3,ENG4,AU	1
TCC	20TH CENTURY WORLD HISTORY - TCC*	105421	ELEC,AU,WH	1
TCC	ACTING I - TCC	101055	ELEC	1
TCC	AMERICAN FEDERAL GOV - TCC*	101115	AU,ELEC,GOV,SSFC	1
TCC	AMERICAN SIGN LANGUAGE I - TCC*	101363	WL,AU,ELEC	1
TCC	AMERICAN SIGN LANGUAGE II - TCC*	101373	WL,AU,ELEC	1
TCC	AMERICAN SIGN LANGUAGE III - TCC*	103173	WL,AU,ELEC	1
TCC	ANALYTIC GEOMETRY - TCC	101512	GEOM,MFC,AU,ELEC	1
TCC	ANALYTIC GEOMETRY/CALC 1 - TCC*	102114	GEOM,MFC,AU,ELEC	1
TCC	ANALYTIC GEOMETRY/CALC 2 (A) - TCC*	102124	GEOM,MFC,AU,ELEC	1
TCC	ANALYTICAL GEOMETRY/CALC III (A) - TCC*	102134	GEOM,MFC,AU,ELEC	1
TCC	ANC MEDIEVAL WESTERN CIVILIZATION - TCC*	105420	WH,SSFC,AU,ELEC	1
TCC	ART APPRECIATION - TCC	101117	FA,ELEC	1
TCC	ART HISTORY SURVEY I - TCC	101053	FA,ELEC	1
TCC	ART HISTORY SURVEY II - TCC	101064	FA,ELEC	1
TCC	ART OF FILM - TCC	102443	ELEC	1

TCC	BASIC MATHEMATICS - TCC	100003	ELEC	1
TCC	BRAIN AND BEHAVIOR - TCC*	101232	ELEC	1
TCC	BUSINESS ANALYTICS FUNDAMENTALS - TCC*	101519	CTE,ELEC	1
TCC	BUSINESS DATA SCIENCE TECHNOLOGY - TCC*	101518	CTE,ELEC	1
TCC	BUSINESS MATHEMATICS - TCC	100004	ELEC	1
TCC	CALCULUS - BUS,LIFE & SOCIAL SCI - TCC*	101715	MFC,AU,ELEC	1
TCC	CALCULUS I (A) - TCC*	101614	MFC,AU	1
TCC	CERTIFIED PROD TECHNIQUES - TCC* (SEM)	105500	ELEC,CTE	1
TCC	CHINESE I - TCC*	101105	WL,ELEC,AU	1
TCC	COLLEGE READINESS - TCC	102993	ELEC	1
TCC	COLLEGE SUCCESS - TCC	101003	ELEC	1
TCC	COMPOSITION I - TCC* (1.0)	101113	ENG3,ENG4,AU	1
TCC	COMPOSITION II - TCC* (1.0)(SEM)	101213	ENG3,ENG4,AU	1
TCC	COMPUTER CONCEPTS AND APPLICATIONS - TCC	101203	CTE,AU,ELEC	1
TCC	CPT INTERNSHIP - TCC*	105501	ELEC	1
TCC	CREATIVE WRITING - TCC	101212	ELEC	1
TCC	CRIMINAL LAW - TCC	102808	ELEC	1
TCC	CRIMINAL PROCEDURES I - TCC*	100118	ELEC	1
TCC	DEAF CULTURE AND HISTORY - TCC	101362	ELEC	1
TCC	DEVELOPMENTAL PSYCHOLOGY - TCC	102023	ELEC	1
TCC	DIGITAL FOUNDATIONS 1: PHOTOSHOP - TCC*	101230	ELEC	1
TCC	ELEMENTARY DIFFERENTIAL EQUATIONS - TCC*	102136	MFC,AU,COREMTH,ELE C	1
TCC	ELEMENTARY STATISTICS - TCC*	102193	MFC,AU,ELEC	1
TCC	ENGINEERING PHYSICS I - TCC*	101124	PHY,SFC,AU,ELEC	1
TCC	ENGLISH TRANSLATION - TCC	102543	AU,ELEC	1
TCC	ESSENTIALS OF ANATOMY/PHYSIOLOGY - TCC*	101324	SFC,AU,ELEC	1
TCC	EXCEL - TCC*	102076	AU,CTE,ELEC	1
TCC	FILMMAKING - TCC	102442	FA,ELEC	1
TCC	FINANCIAL ACCOUNTING - TCC	101516	ELEC	1
TCC	FOUNDATIONS OF PHYSICAL EDUCATION - TCC	105502	ELEC,PE	1
TCC	FRENCH I - TCC*	101104	WL,ELEC,AU	1
TCC	FRENCH II - TCC* (1.0)	101205	WL,AU,ELEC	1
TCC	FRENCH IV - TCC*	101144	WL,AU,ELEC	1
TCC	FUNDAMENTALS OF ART I - TCC	101013	ELEC	1
TCC	FUNDAMENTALS OF MUSIC - TCC	101002	FA,ELEC	1
TCC	GENERAL ASTRONOMY - TCC	101313	AU,ELEC,SFC	1
TCC	GENERAL BIOLOGY FOR NON-MAJORS - TCC*	101114	SFC,BIO,AU,ELEC	1
TCC	GENERAL BOTANY - TCC*	101404	SFC,AU,ELEC	1
TCC	GENERAL CHEMISTRY FOR ENGINEERS - TCC*	101317	AU,CHEM,PHY,SFC,ELEC	1
TCC	GENERAL CHEMISTRY I - TCC*	101315	CHEM,PHYSC,SFC,AU	1
TCC	GENERAL CHEMISTRY II - TCC*	101318	AU,CHEM,ELEC,SFC	1
TCC	GENERAL PHYSICAL SCIENCE - TCC*	101122	SFC,PHYSC,ELEC	1
TCC	GENERAL PHYSICS I - TCC*	101123	PHYSC,SFC,AU,ELEC	1
TCC	GENERAL PHYSICS II - TCC*	101228	AU,ELEC,PHY,SFC	1

TCC	GERMAN I - TCC*	101109	WL,ELEC,AU	1
TCC	GERMAN II - TCC*	101110	WL,ELEC,AU	1
TCC	HISTORY OF INTERIORS - TCC	101413	ELEC	1
TCC	HISTORY OF OKLAHOMA - TCC*	101042	ELEC,OKHIS,SSFC	1
TCC	HONORS AMERICAN FEDERAL GOV - TCC*	101424	AU,ELEC,GOV,SSFC	1
TCC	HONORS BIOLOGY - NUTRITION - TCC*	101405	AU,BIO,ELEC,SFC	1
TCC	HONORS COMPOSITION I - TCC* (1.0)	101215	ENG3,ENG4,AU	1
TCC	HONORS COMPOSITION II - TCC* (1.0)	101214	ENG3,ENG4,AU	1
TCC	HONORS GENERAL CHEMISTRY/LAB - TCC*	101316	CHEM,SFC,AU,ELEC	1
TCC	HONORS INTRO TO PSYCHOLOGY - TCC*	101220	ELEC	1
TCC	HONORS PRECALCULUS 1 - TCC*	101514	MFC,AU,ELEC	1
TCC	HONORS PUBLIC SPEAKING - TCC	101134	ELEC	1
TCC	HONORS WORLD LIT I - TCC*	102673	ELEC	1
TCC	HUMAN SEXUALITY - TCC	102813	AU,ELEC	1
TCC	HUMANITIES I - TCC*	102113	ELEC	1
TCC	HUMANITIES II - TCC* (1.0)	102112	ELEC	1
TCC	HUMANITIES:20TH CENTURY TO PRESENT- TCC*	102111	ELEC	1
TCC	INDUSTRIAL SAFETY - TCC*	100120	ELEC	1
TCC	INTERMEDIATE FRENCH II - TCC*	101204	WL,ELEC,AU	1
TCC	INTERMEDIATE SPANISH I - TCC	101217	AU,ELEC,WL	1
TCC	INTERPERSONAL COMMUNICATIONS - TCC	102075	ELEC	1
TCC	INTRO SOCIAL/POLITICAL PHILOSOPHY - TCC*	105504	ELEC	1
TCC	INTRO TO AMERICAN HUMANITIES - TCC	102110	ELEC	1
TCC	INTRO TO BIOLOGY FOR MAJORS - TCC*	101224	BIO,SFC,AU,ELEC	1
TCC	INTRO TO BROADCASTING - TCC	102444	ELEC	1
TCC	INTRO TO COMPUTER PROGRAMMING - TCC	101202	CTE,AU,ELEC	1
TCC	INTRO TO CRIMINAL JUSTICE - TCC	100119	ELEC	1
TCC	INTRO TO CULTURAL ANTHROPOLOGY - TCC	101044	ELEC	1
TCC	INTRO TO CULTURAL GEOGRAPHY - TCC*	101043	SSFC,AU,ELEC	1
TCC	INTRO TO DEVELOPMENTL DISABILITIES - TCC	102810	ELEC	1
TCC	INTRO TO ENGINEERING - TCC*	101125	ELEC	1
TCC	INTRO TO ENVIRONMENTAL SCIENCE - TCC*	101223	SFC,AU,ELEC	1
TCC	INTRO TO ETHICS:BUS ISSUES - TCC	101052	AU,ELEC	1
TCC	INTRO TO INTERPRETING - TCC	101423	ELEC	1
TCC	INTRO TO PHILOSOPHY - TCC	101112	ELEC	1
TCC	INTRO TO SOCIOLOGY - TCC	101126	AU,ELEC	1
TCC	INTRO TO THE NEW TESTAMENT - TCC	102123	AU,SSFC,ELEC	1
TCC	INTRODUCTION TO BUSINESS - TCC	101054	ELEC	1
TCC	INTRODUCTION TO ENTREPRENEURSHIP - TCC*	102011	ELEC	1
TCC	INTRODUCTION TO ETHICAL THINKING - TCC	101137	ELEC	1
TCC	INTRODUCTION TO GRAPHIC DESIGN - TCC*	102854	ELEC	1
TCC	INTRODUCTION TO LITERATURE - TCC*	101132	ENG3,ENG4,AU,ELEC	1
TCC	INTRODUCTION TO PSYCHOLOGY - TCC	101120	ELEC	1
TCC	INTRODUCTION TO QUALITY - TCC*	100121	ELEC	1
TCC	INTRODUCTION TO THEATRE - TCC*	101233	ELEC	1

TCC	INTRODUCTION TO UNIX LINUX - TCC	101484	CTE,AU,ELEC	1
TCC	JAPANESE I - TCC*	101106	WL,ELEC,AU	1
TCC	JAZZ BAND - TCC	101001	ELEC	1
TCC	LATIN I - TCC*	101107	WL,ELEC,AU	1
TCC	LIFESPAN DEVELOPMENT - TCC	102812	ELEC	1
TCC	MANAGERIAL ACCOUNTING - TCC*	101517	ELEC	1
TCC	MANUFACTURING MAINTENANCE - TCC*	100123	ELEC	1
TCC	MANUFACTURING PROCESSES/PROCEDURES-TCC*	100122	ELEC	1
TCC	MATHEMATICS FUNCTIONS/USES - TCC (1.0)	101515	MFC,AU,ELEC	1
TCC	MEDICAL TERMINOLOGY - TCC	101323	ELEC	1
TCC	METEOROLOGY - TCC*	102014	SFC,AU,ELEC	1
TCC	MICROSOFT WORD - TCC	102074	AU,CTE	1
TCC	MODERN WESTERN CIV. - TCC*	101063	ELEC,WH	1
TCC	MS OFFICE - TCC	102073	CTE,ELEC	1
TCC	MUSIC APPRECIATION - TCC	101118	FA,ELEC	1
TCC	NUTRITION - TCC	101383	PE,ELEC	1
TCC	ORGANIC CHEMISTRY I - TCC*	101226	CHEM,ELEC,SFC	1
TCC	ORGANIC CHEMISTRY II - TCC*	101227	AU,CHEM,ELEC,SFC	1
TCC	PAINTING I - TCC	101056	ELEC,FA	1
TCC	PERSONAL FINANCE - TCC	101353	ELEC	1
TCC	PERSONALITY THEORIES - TCC*	101231	ELEC	1
TCC	PHOTOGRAPHY - TCC	102853	FA,ELEC	1
TCC	POETRY WRITING - TCC	101133	ELEC	1
TCC	POP CULTURE IN AMERICA - TCC	102441	ELEC,FA	1
TCC	PRECALCULUS I (A) - TCC*	101513	MFC,AU,ELEC	1
TCC	PRECALCULUS I AND II - TCC*	101713	MFC,AU,ELEC	1
TCC	PRECALCULUS II - TCC*	101613	MFC,AU,ELEC	1
TCC	PRINCIPLES OF CHEMISTRY - TCC*	101314	CHEM,SFC,ELEC	1
TCC	PRINCIPLES OF CYBERSECURITY - TCC*	101206	AU,CS,CTE,ELEC	1
TCC	PRINCIPLES OF ECOLOGY - TCC*	101225	SFC,AU,ELEC	1
TCC	PRINCIPLES OF HUMAN SERVICE - TCC	102811	ELEC	1
TCC	PRINCIPLES OF MACROECONOMICS - TCC*	102013	SSFC,AU,ELEC	1
TCC	PRINCIPLES OF MARKETING - TCC*	101229	ELEC	1
TCC	PRINCIPLES OF MICROECONOMICS - TCC*	102012	SSFC,AU,ELEC	1
TCC	PRIVATE LESSONS FOR NON MAJORS - TCC	101194	ELEC	1
TCC	PUBLIC SPEAKING - TCC	101116	FA,ELEC	1
TCC	PVT BASS GUITAR FOR NON MAJORS - TCC	101191	FA,ELEC	1
TCC	PVT GUITAR - TCC	101190	FA,ELEC	1
TCC	PVT VIOLIN FOR NON-MAJORS - TCC	101193	FA,ELEC	1
TCC	QUANTITATIVE REASONING - TCC*	102135	MFC,AU,ELEC	1
TCC	RELIGIONS OF THE WORLD: EASTERN - TCC	102122	AU,SSFC,ELEC	1
TCC	RUSSIAN I - TCC*	101108	WL,ELEC,AU	1
TCC	SHORT STORY WRITING - TCC	101131	ELEC	1
TCC	SOCIAL PSYCHOLOGY - TCC*	105503	AU,ELEC,SSFC	1

TCC	SOCIOLOGY - TCC	101119	ELEC	1
TCC	SPANISH I - TCC*	101103	WL,ELEC,AU	1
TCC	SPANISH II - TCC*	101216	WL,AU,ELEC	1
TCC	SPEED READING - TCC	101691	ELEC	1
TCC	TECHNICAL PROFESSIONAL WRITING - TCC*	101211	ELEC	1
TCC	TOTAL WELLNESS - TCC	101325	ELEC	1
TCC	TRANSLATING ENGLISH TO SPANISH - TCC	102545	WL,AU,ELEC	1
TCC	TRANSLATING SPANISH TO ENGLISH TCC	102544	WL,AU,ELEC	1
TCC	US HISTORY 1492-CIVIL WAR ERA - TCC*	101483	USHIS,SSFC,AU	1
TCC	US HISTORY CIVIL WAR-PRES - TCC*	101493	USHIS,AU,SSFC	1
TCC	VIOLIN - TCC	101192	FA,ELEC	1
TCC	WORLD GEOGRAPHY - TCC*	101023	AU,ELEC	1
TCC	WRITING FOR THE MASS MEDIA - TCC	101121	ELEC	1
TU	FUND OF ALGORITHM & COMPUTER APP-TU*	111095	AU,CTE,ELEC	1
TU	ASTRONOMY - TU*	111093	SFC,AU,ELEC	1
TU	BASIC CALCULUS - TU*	111103	MFC,AU,ELEC	1
TU	BEGINNING FRENCH I - TU*	111004	ELEC	1
TU	BRAIN, LEARNING AND EDUCATION - TU	111000	ELEC	1
TU	CALCULUS I - TU*	112013	SSFC,ELEC	1
TU	CALCULUS II - TU*	112023	MFC,AU,ELEC	1
TU	CALCULUS III - TU*	112064	AU,ELEC,SFC	1
TU	CERAMICS I - TU*	111023	ELEC,FA	1
TU	CLASSICAL MECHANICS - TU*	111111	SFC,AU,ELEC	1
TU	DATA STRUCTURES AND ALGORITHMS - TU*	111109	AU,CTE,ELEC	1
TU	EXISTENTIALISM IN THE 20TH CENTURY-TU*	111094	AU,ELEC,SSFC	1
TU	EXPOSITION AND ARGUMENT - TU (1.0)	111113	ELEC	1
TU	FOUNDATIONS OF ALGORITHMS/COMP APP - TU	111108	CTE,AU,ELEC	1
TU	GENERAL PHYSICS I - TU*	112061	ELEC	0.5
TU	GENERAL PHYSICS I - TU*	111014	AU,PHY,SFC	1
TU	GENERAL PHYSICS II - TU*	112062	SFC,PHY,AU	1
TU	GENERAL PHYSICS LAB - TU* (.5)	112026	MFC,AU,ELEC	1
TU	GREAT BRITISH WRITERS II - TU*	112301	MFC,AU,ELEC	1
TU	HISTORY OF OKLAHOMA - TU*	112573	SSFC,AU,ELEC	1
TU	INDIANS IN AMERICAN HIS - TU*	112524	ENG3,ENG4	1
TU	INTERNET SOCIAL MEDIA DEMOCRACY - TU	111124	AU,ELEC	1
TU	INTRO TO COLLEGE WRITING - TU	112523	AU,ELEC	1
TU	INTRO TO EDUCATION - TU	111101	ELEC	1
TU	INTRO TO MOLECULAR/CELLULAR BIO - TU*	111701	ELEC	0.5
TU	INTRO TO OCEANOGRAPHY -TU*	111003	SFC,AU,ELEC	1
TU	INTRO TO PROGRAM/PROBLEM SOLVING - TU	111042	ELEC	1
TU	INTRO TO PROGRAM/PROBLEM SOLVING LAB-TU	111041	ELEC	0
TU	INTRO TO SPREADSHEETS - TU	111703	SFC,AU,ELEC	1
TU	INTRODUCTION TO BIOCHEMISTRY - TU*	111013	AU,CHEM,SFC	1
TU	INTRODUCTION TO TOPOLOGY - TU (1.0)	111006	MFC,AU,ELEC	1

TU	JESUS: CONTEMP PERSPECTIVE - TU	112074	ELEC	1
TU	LAB INTRO TO MOLECU/CELL BIO - TU (.5)	111603	BIO,SFC,AU,ELEC	1
TU	LAW AND SOCIETY - TU	112073	MFC,AU,ELEC	1
TU	LIBERAL ART OF PHYSICS - TU*	111005	SFC,PHY,AU,ELEC	1
TU	LINEAR ALGEBRA - TU*	112024	MFC,AU,ELEC	1
TU	LINEAR ALGEBRA AND MATRIX - TU*	112203	ELEC	1
TU	MODERN ALGEBRA - TU*	111104	MFC,AU,ELEC	1
TU	MODERN PHYSICS - TU*	112063	ELEC	1
TU	ORGANIC CHEM LAB - TU (.5)	112574	AU,ELEC,OKHIS,SSFC	1
TU	ORGANIC CHEMISTRY - TU*	113011	ELEC	0.5
TU	ORGANISMIC AND EVOLUTIONARY BIOLOGY-TU*	111132	ELEC	1
TU	PARTIAL DIFFERNTL EQUAT - TU*	113301	SFC,AU,ELEC	1
TU	POLITICS OF THE GLOBAL COMMONS - TU*	111116	ELEC	1
TU	PRINCIPLES OF ECONOMICS - TU	111800	CTE,ELEC	1
TU	PROBABILITY THEORY - TU*	111110	AU,ELEC,MFC	1
TU	PROBLEM SOLVING - TU	111043	ELEC	1
TU	QUANTUM MECHANICS I - TU*	113013	SFC,CHEM,AU,ELEC	1
TU	SHAKESPEARE - TU*	111007	ELEC	1
TU	THE WORLD OF PHYSICS - TU*	111001	SFC,PHY,AU,ELEC	1
TU	US NATIONAL SECURITY - TU	111131	ELEC	1
UIUC	CALCULUS III - UIUC*	112025	MFC,AU,ELEC	1
UPENN	PSY OF PASSION/PERSEVER/SUCCESS - UPENN	149700	AU,ELEC	1

Students enrolled in college course may also be enroll in the following course. This course carries no credit.

39525 Cohort Study Group

Credit: N/C **Grades:** 10, 11, 12 **OK Prom:** No

Credit Type(s): NC

Prerequisite(s): None

This course is intended to be used for those students concurrently enrolled in a college course to provide additional time needed for coursework and related activities.

Appendix A

PROPOSED COURSE ADDITION FOR CONCURRENT ENROLLMENT

This form must be submitted to and approved by the Counselor to be processed. Forms must be received by the Manager of Postsecondary Access at least 14 days prior to the planned enrollment of a student in a concurrent enrollment class. This form is for courses that are not listed in the Tulsa Public Schools Course of Study. All components of this form must be completed and a current syllabus for the course must be attached.

Student Name: _____ Student ID: _____

Student Graduation Year: _____ High School: _____

College or University: _____ Course Number: _____

Proposed Course to Be Taken: _____

Type of Credit Requesting (Please circle all that may apply):

Elective Additional Unit Math Social Studies Science English World Language CTE

Detailed explanation of why this course is being requested. Attach supporting documentation such as syllabus, course description, etc.

Is this course on the Regents Matrix? YES NO

Student Signature: _____

Parent Signature: _____

Counselor Signature: _____

Approved
Denied

Manager of Post Secondary Access

Date

REV. 6.30.23

Appendix B



CORE MATH CREDIT REQUEST FOR TULSA TECH COURSE COMPLETION

In accordance with SB 1370, I am requesting Core Math credit be granted upon successful completion of the approved course in which I am enrolled at Tulsa Tech. I understand that I must be on the Core Diploma plan to receive this credit.

Tulsa Tech Course Name: _____

Tulsa Tech Course Number: _____

Students will enroll in the Core Curriculum standards outlined in the state law if parent or legal guardian gives approval in writing for the student to opt out of the College Preparatory/Work Ready Curriculum. Not all courses included in this curriculum are aligned to requirements for college admission, but students may be admitted to college if they complete the required coursework for college admission.

Parent/Guardian: _____ **Date:** _____

Student: _____ **Date:** _____

Principal: _____ **Date:** _____

Counselor: _____ **Date:** _____

Please Print

Student Name: _____

Student ID: _____ School: _____