

Austin High School Course Registration Guide 2021-2022



*Plan for your future because that's where you are going
to spend the rest of your life. -Mark Twain*

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Graduation Requirements

Course	Required Credits for Graduation
Language Arts	4
Social Studies	4
Science	3
Mathematics	3
Physical Education	1
Visual and Performing Arts	1
Health	0.5
Electives	7.5
Total credits required to earn a diploma	24

Students are strongly recommended to take 0.5 of the 1 credit requirement of Physical Education and 0.5 credits of Health in 9th grade. For students in 9th grade, the exception to this requirement is as follows:

Students who take 2 music courses and 1 world language course

Students who take 2 world language courses and 1 music course

Students are then expected to meet the requirements in grades 10-12

Visual and Performing Arts Requirement

Students may choose from the following courses to fulfill the State Arts Standard and the local graduation requirement.

Department	Course Titles
Art	3-D Design I, 3-D Design II, Basic Drawing/Drawing I, Advanced Drawing/Drawing II, Digital Video Production I, Digital Media Creation, Painting I, Painting II, Photography I, Photog-
Family & Consumer Science	Interior Design
Technology Education	Graphic Arts I, Graphic Arts II, Graphic Arts III, Video Production I
Music	Concert Band, Concert Choir, Concert Orchestra, Mixed Choir, Prep Orchestra, Symphony Orchestra, Treble Choir, Wind Ensemble

Graduation Requirements

Minnesota state legislation calls for students to be prepared for career and college.

MCA GRAD Reading Assessment

In the spring, all 10th grade students will be required to take the MCA Reading Assessment. The assessment will consist of multiple choice questions based upon the K-12 Minnesota Academic Standards in Language Arts. Students must earn a scaled score of 1050 or higher in order to receive a passing score. To view sample tests or obtain more information visit the link below.

MCA GRAD Mathematic Assessment

In the spring, all 11th grade students will be required to take the MCA Mathematic Assessment. The assessment will consist of multiple choice questions based upon the K-12 Minnesota Academic Standards in Mathematics. Students must earn a scaled score of 1150 or higher in order to receive a passing score. To view sample tests or obtain more information, please visit the link below.

ACT plus Writing

All 11th grade students are required to take a district approved college or career readiness assessment. The ACT plus writing is the assessment the district provides for all juniors free of charge. This assessment is a college entrance exam and can provide students and families information about a student's academic knowledge and college readiness. Students need to provide proof of taking a college or career assessment. If the student and his/her family is not interested in taking the ACT plus Writing to meet the state requirements, they must see their grade level counselor to discuss the other options approved by the district.

MCA GRAD Science Assessment

Students will be assessed using the MCA Science test the academic year that they take Biology (typically 10th grade). This test will consist of multiple choice questions based upon the K-12 Minnesota Academic Standards in Life Science. Students must earn a scaled score of 1050 or higher in order to receive a passing score. To view sample tests or obtain more information visit the link below.

Minnesota Department of Education - Link for Parents and Students:

<http://education.state.mn.us/MDE/JustParent/TestReq/index.html>

The Minnesota Department of Education site has detailed information about each assessment, the state content standards, and many resources for test preparation and school wide results.

Future Course Plan

Directions: Map out the courses that you have successfully completed and earned credit for. Next, add the courses you plan to take in the future to achieve your post-high school goals.

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Language Arts (4.0)	Language Arts 9	Language Arts 10	Language Arts 11	Language Arts 12
Mathematics (3.0)	Intermediate Algebra	Geometry	Algebra II	Optional
Social Studies (4.0)	World History	Human Geography	U.S. History	Intro to US Politics & Government AND Economics
Science (3.0)	Physical Science	Biology	Chemistry or Physics	Optional
Health (.5)	Health			
Physical Education (1.0)	Foundations of Personal Fitness			
Visual & Performing Arts (1.0)	Take 1.0 over 9 th – 12 th Grade	Take .5 over 10 th – 12 th Grade	Take .5 over 10 th – 12 th Grade	Take .5 over 10 th – 12 th Grade
Elective Classes (7.5)	Take 7.5 over 9 th – 12 th Grade	Take 1.0 over 9 th – 12 th Grade	Take 1.0 over 9 th – 12 th Grade	Take 1.0 over 9 th – 12 th Grade
		Take 7.5 over 9 th – 12 th Grade	Take 7.5 over 9 th – 12 th Grade	Take 7.5 over 9 th – 12 th Grade

Minimum Graduation Requirements for Austin High School

Subject	Amount Required
Language Arts	4.0 credits
Mathematics	3.0 credits
Social Studies	4.0 credits
Science	3.0 credits
Health	0.5 credits
Physical Education	1.0 credits
Visual & Performing Arts	1.0 credits
Elective Classes	7.5 credits
Total	24 credits

Agriculture, Food, and Natural Resources

- Animal Science**
 - AP Bio
 - Chem 1&2 Chem
 - Physiology
 - Small Animals
 - Intro to AFNR
 - Statistics & Functions
 - Spanish/French
- Agribusiness Systems**
 - RCC Microeconomics
 - AP Human Geography
 - Chem 1&2 Chem/Food Chemistry
 - RCC Fundamentals of Speech
 - Statistics & Functions
 - Ag Leadership
 - Spanish/French
- Natural Resource Science**
 - AP Bio
 - Spanish/French
 - Chem 1&2 Chem
 - Ag-Plant Science
 - Wildlife Management
 - Intro to AFNR
 - Statistics & Functions
 - Spanish/French
- Food Science**
 - Chem 1&2 Chem
 - AP Bio
 - Anatomy and Physiology
 - RCC Freshman English
 - AP Calculus
 - Intro to AFNR
 - Statistics & Functions
 - Spanish/French
- Structural, Power, & Tech. Systems**
 - Chem 1&2 Chem
 - Spanish/French
 - Physics
 - Technical Writing
 - Power Systems 1&2
 - Intro to AFNR
 - Statistics & Functions
 - Spanish/French
- Leadership & Education**
 - Spanish/French
 - Chem 1&2 Chem
 - AP Bio
 - Anatomy and Physiology
 - RCC Freshman English
 - AP Calculus
 - Intro to AFNR
 - Statistics & Functions
 - Spanish/French

Business, Management, & Administration

- Finance**
 - AP Economics
 - AP Calculus
 - Statistics & Functions
 - Spanish/French
- Accounting**
 - Physics/Honors Physics
 - AP Calculus
 - Accounting 1 & 2
 - OT
 - Statistics & Functions
 - Spanish/French
- Business Management/Entrepreneurship**
 - RCC Microeconomics
 - CEO
 - RCC Fundamentals of Speech
 - RCC Freshman English
 - Photography 1 & 2
 - Intro to Business
 - OT
 - Mentorship

Education & Training

- Sociology & Psychology**
 - AP Psychology
 - AP Human Geography
 - AP Sociology
 - RCC Freshman English
 - Concert Orchestra
 - Concert Band
 - Wind Ensemble
 - Prep Orchestra
 - Symphonic Band
 - RCC Education Foundations
 - RCC Multicultural Education & Diversity
- Child Development & Psychology**
 - Psychology
 - Sociology
 - RCC Freshman English
 - Concert Orchestra
 - Concert Band
 - Wind Ensemble
 - Prep Orchestra
 - Symphonic Band
 - RCC Education Foundations
 - RCC Multicultural Education & Diversity
- Education**
 - Psychology
 - Sociology
 - Spanish/French
 - Chemistry/Everyday Chem.
 - Physics
 - Statistics & Functions
 - Child Development
 - Membership
 - RCC Freshman English
 - Life skills
 - RCC Education Foundations
 - RCC Multicultural Education & Diversity
- Social Service & Counseling**
 - Psychology
 - Sociology
 - Spanish/French
 - Chemistry/Everyday Chem.
 - Physics
 - Statistics & Functions
 - Child Development
 - Membership
 - RCC Freshman English
 - Life skills
 - RCC Education Foundations
 - RCC Multicultural Education & Diversity

Human Services

- Health Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Veterinary Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership

Government & Public Administration

- Legal/Law**
 - AP Law
 - RCC Introduction to U.S. Politics and Government
 - RCC State & Local Gov.
 - Sociology
 - Criminal Justice
 - RCC Fundamentals of Speech
 - RCC Freshman English
 - AP Calculus
 - AP Statistics
 - Mentorship
- Law Enforcement & Security**
 - AP Law
 - RCC Introduction to U.S. Politics and Government
 - RCC State & Local Gov.
 - Sociology
 - Criminal Justice
 - RCC Fundamentals of Speech
 - RCC Freshman English
 - AP Calculus
 - AP Statistics
 - Mentorship
- Political Science/International Relations**
 - AP Law
 - RCC Introduction to U.S. Politics and Government
 - RCC State & Local Gov.
 - Sociology
 - Criminal Justice
 - RCC Fundamentals of Speech
 - RCC Freshman English
 - AP Calculus
 - AP Statistics
 - Mentorship

Health Science

- Health Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Veterinary Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership

Human Services

- Health Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Veterinary Science**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Medicine / Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership
- Pharmacy**
 - Spanish/French
 - Honors Chemistry
 - Physics/AP Physics
 - Anatomy and Physiology
 - AP Bio
 - Small Animals
 - Membership

Information Systems, Communications, & Art

- Architecture**
 - Everyday Chemistry
 - Physics
 - RCC Humanities
 - AP Calculus
 - AP Statistics
 - Wood Tech 1,2,3
 - Spanish/French
- Construction Trades**
 - Everyday Chemistry
 - Physics
 - RCC Humanities
 - AP Calculus
 - AP Statistics
 - Wood Tech 1,2,3
 - Spanish/French
- Manufacturing**
 - Chemistry
 - Physics
 - Spanish/French
- Cabinetry**
 - Physics
 - Everyday Chemistry
 - Spanish/French
- Electronics**
 - Chemistry
 - Physics
 - Spanish/French

Architecture & Construction

- Architecture**
 - Everyday Chemistry
 - Physics
 - RCC Humanities
 - AP Calculus
 - AP Statistics
 - Wood Tech 1,2,3
 - Spanish/French
- Construction Trades**
 - Everyday Chemistry
 - Physics
 - RCC Humanities
 - AP Calculus
 - AP Statistics
 - Wood Tech 1,2,3
 - Spanish/French
- Manufacturing**
 - Chemistry
 - Physics
 - Spanish/F

General Information

Registration

Students register online early in the second semester for the next school year. Students are to read this guide and listen carefully to their counselors and teachers as they give direction and assistance in high school/post high school planning. It is important to make good decisions now about course selections because **course changes are not allowed** unless there are extenuating circumstances.

Attention New Students

New students who move into the District during the summer or school year are encouraged to enroll as soon as possible. Enrollment materials are available online (<https://www.austin.k12.mn.us/Pages/enrollment/enrollment.aspx>). Students will need to make an appointment with the Central Enrollment Office to take the Scantron test in reading and math which will help the counselors in course selection. Following the Scantron test, contact the high school Counseling Office (507-460-1812) to set up an appointment to meet with your school counselor. Counselors will assist students with appropriate course selections and registration.

Minnesota Open Enrollment Option

Austin High School welcomes non-resident students through Minnesota's Open Enrollment Program. Students living outside the Austin School District boundaries should contact the Superintendent's office at 507-460-1900 for additional information and an application form.

Credits

Full-time students must be enrolled for a minimum of six (6) credits per year to progress toward graduation. A student who satisfactorily completes a high school course shall receive secondary course credit and the credit shall count toward the student's graduation requirements. Students who satisfactorily complete a high school course at the middle school level will receive elective credit which will not impact the student's high school GPA.

Students who enroll in PSEO courses must meet the AHS graduation class credit requirements. In addition to these required credits, students must acquire enough elective credits to meet their graduation total required credits.

Pass/Fail

The Pass/Fail option is an opportunity for AHS Seniors which requires an application and building principal approval. Seniors can use the Pass/Fail option with one elective course per semester only. Once the Pass/Fail option has been declared, it will remain in effect for the semester or duration of the course if it is a year-long course. Students may decide at a later date to receive the letter grade rather than a P/F, but may not take a class Pass/Fail if the application is not completed by the specified date each semester. Application due dates will be posted in the

Counseling Office. Students' report cards will reflect their actual grades until the end of the semester when their permanent grade will be changed to either a P or F. Students must earn at least a 60% in the course in order to earn a Pass. This grade (P or F) will remain on the permanent transcript and will not be calculated in the cumulative grade point average unless they do not pass the class. A failing grade will be calculated in the student's GPA and will be reflected on the transcript with an F.

Schedule Changes

Schedule change requests require an "Academic Change Request Form" available in the Counseling Office. **All requests must be submitted by May 12, 2021** during the registration process to the student's counselor. Once the registration process is closed, requests for dropping a course will not be considered unless there are extenuating circumstances. These requests will be reviewed by the Building Leadership Team and a decision will be communicated through the student's counselor.

College Entrance Exams

The PSAT is available during fall of the junior year and is used for selection in the National Merit Scholarship Program. Sophomores are also able to take the PSAT but will not be considered for the Scholarship. The NCAA requires SAT or ACT scores to participate in freshman athletics at Division I and II colleges. If you are considering Early Decision at a highly selective college, or you are curious about how well you will do, take the College Entrance Examination Board's Scholastic Assessment Test (SAT) and/or the American College Test (ACT) in the second semester of your junior year. Take or retake the ACT or SAT in the fall of your senior year as necessary to meet admission requirements at specific colleges. A few colleges also require the SAT Subject Tests and ACT Written Test. If you have questions about which test you need to take, check the Counseling Office Web site, information in the Career Center, and/or your counselor.

NCAA Division I/II Student-Athlete Eligibility

To be considered a qualifier at a Division I institution and to be eligible for financial aid, practice, and competition during the first year, the student must meet the following core course requirements:

Division I – 16 Core-Course Rule

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab offered by high school)
- 1 year of additional English, mathematics, or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language, or comparative religion/philosophy)

Must also earn a minimum GPA in core courses, earn a qualifying ACT or SAT test score, and request final amateurism certification from the NCAA Eligibility Center.

Division II – 16 Core-Course Rule. Student-athletes who wish to compete at Division II institutions must complete 16 core courses. See above for courses.

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab offered by high school)
- 2 years of additional English, mathematics, or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language, or comparative religion/philosophy)

Must also earn a minimum GPA in core courses, earn a qualifying ACT or SAT test score, and request final amateurism certification from the NCAA Eligibility Center. Check out the website for additional information at www.ncaa.org/student-athletes/.

Courses that qualify for NCAA consideration have been marked with this symbol.



High Ability/Challenge Courses

Austin High School offers more than 150 courses in fourteen programs and departments. Many departments provide classes with varying levels of challenge. Students preparing for college are encouraged to consider high ability courses in areas of academic strength.

The Advanced Placement (AP) courses at AHS are an opportunity for all high school students to take college-level courses and to receive credit for their knowledge and achievement. Students who enroll in these courses will have an opportunity to register and take the AP test in May of each year. If a student scores well, a college that participates in the program will award credit and allow the student to enroll in those subject areas at a more advanced level.

Concurrent courses are offered at AHS through Riverland Community College. Students must meet the PSEO requirements to qualify for these courses. Students will receive both high school and college level credit for these courses taken at AHS.

Honors courses are also available to students who choose to challenge themselves academically. These courses prepare students for AP and other college level courses which students will have access to taking while at Austin High School.

Graduation Standards

All students will be required to take the MCA /GRAD state tests in order to graduate from a public high school in Minnesota. See page 4 for detailed information.

Grade Weighting

Austin High School has implemented a weighted grading system in addition to the traditional grading system (unweighted GPA). Internal scholarships and awards will use the traditional grading system for selection and it will also be used in determining school/district graduation recognition awards. Either system can be used for college admission and scholarships. Both rankings will be displayed on the transcript. The following courses qualify for grade weighting: Advanced Placement, Honors, and UMPTYMP.

A multiplier of .15 will be used to determine the grade weight. To determine the weighted grade, the point value of the grade (AHS uses a 4.0 grade scale) will be multiplied by 1.15 for a total weighted GPA point value. There will be no minimum grade required for grade weighting.

Technical College Credit

Some courses at AHS are being articulated with Minnesota Community/Technical Colleges. Articulated courses allow students to receive college credit while attending AHS. Students who meet the criteria are offered a certificate (scholarship) for part of the cost of the college level course as reward for their efforts in high school. Programs at AHS presently working with articulation agreements are in Technology Education, Business, and Family and Consumer Science. Contact your counselor for additional information.

Independent Elective Course Study

This program is designed to enable students to receive elective credit toward graduation requirements for specialized independent study, which is not available in the regular curriculum or in co-curricular activities. The course of study will be determined by the instructor and the student prior to the beginning of study. A maximum of 0.5 credits per semester will be awarded for work completed. See your counselor for an application and more detailed information.

Course Credit for Prior Learning

Students may test out of any course offered at Austin High School and receive credit in any subject area if the student is able to demonstrate mastery of the curriculum for that course. Application for Credit for Learning may occur one quarter in advance of the start of the class or not later than 3 weeks into the course. Students should meet with their counselor for application forms and more detailed information.

Area Learning Center

The Area Learning Center is a program designed to help students achieve their potential outside the traditional educational setting. The ALC offers a wide variety of courses to provide students an opportunity to earn credits toward an Austin High School diploma. Students earn high school credit through either direct instruction or the seat based models. ALC students are encouraged to participate in the activities at Austin High School. Eligibility for some activities is based on academic credits, so please check with the AHS Activities Office or Assistant Principal if you have questions regarding participation. Applications for the Area Learning Center are located on the website or in the Counseling Office.

Post-Secondary Enrollment Options

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn college credit while still in high school, through enrollment in and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution; some courses are offered online. Postsecondary institutions are not allowed to charge PSEO students for tuition, textbooks or support services. Students may be charged for equipment that becomes their property when the course or program is completed. Legislation allows eligible 10th-grade students to enroll initially in one Career and Technical Education (CTE) course through PSEO. If the student earns a "C" or higher grade in this first course, she/he is eligible to take additional CTE courses while in 10th grade. In order to be eligible, a 10th-grade student must have met the proficiency level of "meets or exceeds" on the 8th-grade MCA reading test. If the student did not take the MCA, another reading assessment accepted by the enrolling postsecondary institution can be substituted.

Students may take PSEO courses on a full- or part-time basis. Students will be granted credits toward their high school diploma for classes successfully completed at the college level. It is important that students check with the college of interest to ensure meeting the PSEO application deadline. Each participating college or university sets its own requirements for enrollment into the PSEO courses. **Students must notify the school of their Fall PSEO intentions by May 30th.**

By March 1 of each year, a district must provide up-to-date information on the district's website, and in materials

that are distributed to parents and students, about the program--including information about enrollment requirements and the ability to earn postsecondary credit--to all pupils in grades 8, 9, 10, and 11.

Students must meet the PSEO eligibility requirements and abide by participation limits. However, if a school district determines a pupil is not on track to graduate, she/he may still continue to participate in PSEO. This information has been taken directly from information provided by MN Department of Education. For more information, please go to education.state.mn.us/MDE/fam/dual/pseo/.

Students will need to meet the following AHS criteria to qualify for this opportunity:

1. Seniors in the upper 1/2 of their class rank or score in the top 70% on a nationally norm-referenced test.
2. Juniors in the upper 1/3 of their class rank or score in the top 70% on a nationally norm-referenced test.
3. Student must take the Accuplacer test and score at an appropriate level in Reading Comprehension and/or Mathematics.

The Accuplacer test is given at AHS and students may take the test twice per year with no fee. If students do not meet the Reading Comprehension score, they may re-take the test at Riverland Community College.

Special Needs and Services

Students making use of Special Needs Programs and/or Special Services offered by AHS may register only after approval from their Case Manager. The Case Manager will discuss with the IEP team each student's individual needs and make recommendations on programs leading to graduation and success for the student. Students will take the appropriate level of special education courses and mainstream courses to best meet their individual needs. See the Special Education section for individual course descriptions.

EL (English Language) Learners

Students may qualify for EL classes based on ACCESS scores. This program is for students whose first language is not English and whose English proficiency makes it difficult to perform in a mainstream class. Students are tested and may be placed in classes depending on individual needs. All ESL students also take some mainstream classes. All EL classes offer instruction in four content areas: speaking, reading, listening, and writing. See the EL section for individual course descriptions.

Career Planning

The staff at Austin High School is committed to providing an environment where students will learn the skills necessary to enter post-secondary education or workforce training programs ready to succeed. We recognize that students will need to be well rounded in their course work and experiences to be prepared after graduation from AHS. Listed below are suggestions of high school courses to take based on the careers students may pursue.

Planning Tips for Agricultural Careers:

- Ag courses are usually taken based on interest in different agricultural industries such as: animal agriculture, plant/horticulture/landscaping, natural resources/wildlife, etc.
- Agriculture is becoming more related to science every day. Courses such as physical science and biology will be helpful in ag courses.
- Many leadership and personal growth opportunities are available through the National FFA Organization.

Planning Tips for Art Careers:

- At the beginning of your high school career make sure to start taking the introductory courses to ensure a variety of experience in all mediums.
- Suggested electives: Art, Business, Family and Consumer Science, Language Arts

Planning Tips for Business Careers:

- Intro to Business and Marketing is a recommended course prior to taking others in the department.
- Take as many Business electives and participate in various internship opportunities.
- Suggested electives: World Language 3rd year or higher

Planning Tips for Family and Consumer Science (FACS) Careers :

- FACS is often a chosen course of study in Arts or Science with emphasis in a FACS field, like design or food science.
- Math and science courses would lead you into the science areas.
- Music, Art, and Language Arts courses would be helpful for areas of children's literature, fashion design and interior design.

Planning Tips for Language Arts Careers:

- Language study is often a chosen major for students pursuing graduate studies in several fields.
- Take as many Language Arts electives as will fit in your schedule.
- Suggested electives: World Language courses (3rd year or higher)

Planning Tips for Mathematics Careers:

- AP Calculus and Physics are critical for engineering careers.
- AP Statistics & Functions or Statistics & Functions is used in many careers (social sciences, business, political science, science, law, medicine)

Planning Tips for Music Careers:

- A career in music will be based on one of the four following within the industry; Music Performance, Music Business, Music Education, and Music Production.
- Suggested Courses/Electives: Band, Choir, Orchestra, and Ensemble are the core Music Performance of our classes. Advanced Music is strongly recommended. Business Courses, Digital Video Production, and core classes will enrich the other racks of the Music Industry

Planning Tips for Physical Education and Health Careers:

- Introduction to Foods, Baking and Patisserie, and Culinary Foods: These courses provide an excellent introduction to the study of nutrition.
- For students interested in pursuing Personal Training or being a Fitness Professional, Team and Individual Sports, Packer Fit Club, and Strength Training are essential.
- Suggested electives: Higher level science and math courses

Planning Tips for Science Careers:

- Anatomy and Physiology, Chemistry, and AP Biology are important for medical and/or nursing careers.
- Physics and AP Calculus are critical for engineering careers.
- Small Animal Care and Wildlife Management are excellent preparation for careers in the Department of Natural Resources.
- Suggested electives: World Language courses (3rd year or higher) and Mathematics

Planning Tips for Social Studies Careers:

- Social Studies courses provide skills needed for students to be successful and active citizens.
- Social Studies courses provide pathways to entry level jobs and careers needing advanced study and degrees.
- Take as many Social Studies electives as will fit in your schedule, Sociology, Psychology, Criminal Justice, and At Issue: Modern World Events.
- Suggested electives: World Language courses (3rd year or higher)

Planning Tips for Technology Education Careers:

- Math achievement is critical in this field.
- Technology Education classes provide a great opportunity to develop your work ethic in a workplace setting, while enhancing technical skills you will use for the rest of your life.
- Articulation scholarship certificates are available for juniors and seniors.
- Suggested electives: Business courses, World Language courses, Physics, Technology & Innovations, and Computer Science

Planning Tips for World Language Careers:

- Taking Spanish I through Spanish IV/V or French I through V will allow you to take a college placement exam where you may earn college credit.
- Consider taking the Spanish AP test in Spanish IV or AP Spanish
- Service Industries (medical, fire and law enforcement, retail, food service) note the importance of world languages. Being bilingual is a great skill to add to your resume.

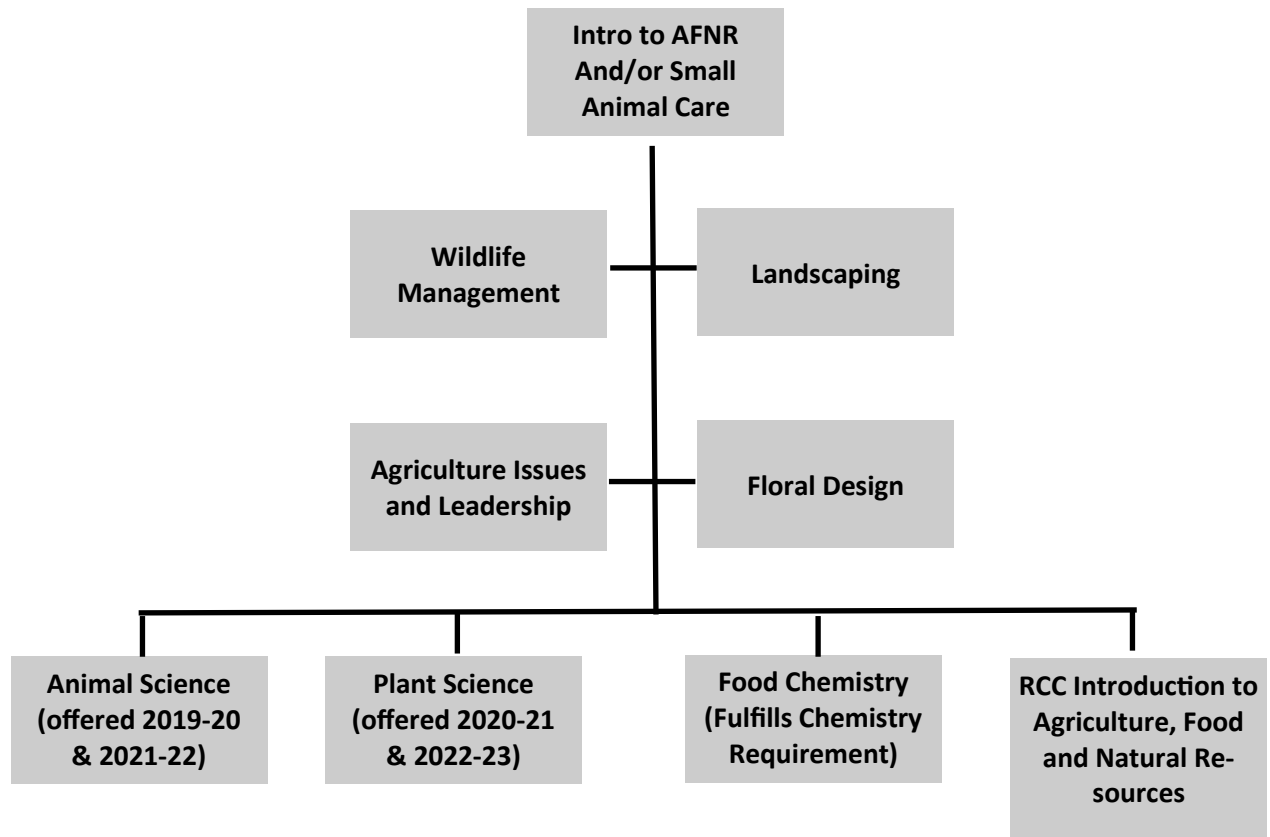
Minnesota Programs of Study

The information on the site is intended to help students understand the combinations of courses currently available at each school that best prepare students for the education/career direction they would like to explore. This site is specifically designed as a general guide/tool in course selection and is specific to each school (we define the courses).

How to use this website (www.mnpos.com):

- Choose your high school (or another one if you are curious what others are doing)
- Click on a colored section of the career wheel that interests you if we have a pathway defined for AHS, there will be a number and a * next to the name. (Example: marketing, construction, etc.)
- Choose a pathway – there will be a * if we have a pathway defined
- View the course combinations suggested for that pathway
- Use these ideas as you design your schedule

AGRICULTURE COURSE PATHS



Agriculture

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	920101/920102	Intro to AFNR	None	1.0/year
9-12	920113	Small Animal Care & Management	None	.5/sem.
9-12	920125	Wildlife Management	None	.5/sem.
10-12	920103	Agriculture Issues and Leadership	None	.5/sem.
10-12	920126	Floral Design	None	.5/sem.
10-12	920111/920112	Agriculture Science –Animals (Offered 2021-2022, NOT offered 2022-2023)	None	1.0/year
10-12	920121	Landscaping	None	.5/sem.
10-12	920123/920124	Plant Science (Offered 2022-2023, NOT offered 2021-2022)	None	1.0/year
11-12	920201/920202	Agriculture Science -Food Chemistry (Fulfills Chemistry requirement)	Biology, Animal Science, or Plant Science	1.0/year
11-12	920105	RCC Introduction to Agriculture, Food, and Natural Resources	Must Meet PSEO Requirements	.75/sem.

Agriculture Issues and Leadership

(Experience & Development in Agri-Science)

Course #: 920103

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will encounter leadership techniques that can make them successful in the future and identify their leadership styles & philosophies. Students will learn how to work in small and large groups through many group activities and projects. Students will also explore and discuss the hot topics within agriculture and focus on current agricultural issues that are presented and viewed within today's media and society.

Background for Success:

This course will allow students to investigate and share opportunities available in agricultural education and leadership. Students will develop interpersonal skills necessary for future success.

Agriculture Science -Animals

(Offered 2021-2022, NOT offered 2022-2023)

Course #: 920111 / 920112

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

Animal Science is a course where students explore the

world of animal agriculture and develop a management guide for an animal of their choice. Areas of study include history and domestication, handling and behavior, anatomy and physiology, nutrition, reproduction, genetics, health, selection, and marketing.

Background for Success:

Students should have an interest in the animal agricultural industry and an understanding of basic science concepts

Agriculture Science –Food Chemistry (Fulfills Chemistry requirement)

Course #: 920201 / 920202

Grade(s) Offered: 11-12

Credit/Length 1 / year

Prerequisite: Biology

Course Description:

Food Chemistry is an upper level course within the field of Agriculture. Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing. Research and experimental design will be highlighted as students develop and market a food product of their own creation.

Background for Success:

Students should have an interest in the food science industry and an understanding of basic science concepts.

Agriculture

Floral Design

Course #: 920126

Grade(s) Offered: 9-12

Credit/Length: 0.5 / semester

Prerequisite: None

Course Description:

Have you ever wondered what it takes to create the beautiful centerpieces, corsages, or bouquets you see for sale in your local Floral Shop? Want to learn how to save money on your sweetheart or family member by learning to make your own flower arrangement as a gift? This class will show you what it takes to get started in the Floral Design Industry for a possible career, and educate you on being a smart consumer. You will learn techniques to condition and treat both real and artificial flowers, bow construction, flower selection, proper use of tools, and how to follow the Principles of Design in order to make your work of art a success? Students will get hands on experience making their own designs including boutonnières, corsages, and other free standing designs!

Background for Success:

Students should have a desire to learn more about the floral industry and gain hands-on experiences through projects.

Introduction to Agriculture, Food, and Natural Resources

Course #: 920101 / 920102

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

Introduction to Agriculture, Food, and Natural Resources is an introductory course designed to teach students about the world of agriculture. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore post-secondary and career opportunities in each area of the course. Students' experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics.

Background for Success:

Students should have a desire to learn about the agricultural industry which includes: animals, plants, food science, natural resources, wildlife, and FFA.

Plant Science (Offered 2022-2023, NOT offered 2021-2022)

Course #:

Grade(s) Offered: 10-12

Credits/Length 1 / year

Prerequisite: None

Plant Science is intended to serve as a foundation course in the field of agriculture. Students will work in teams exploring hand-on projects and activities to learn the characteristics of plant science. They will also work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists,

greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. The knowledge and skills will be used in future courses within the CASE program.

Background for Success:

Students need an interest in the agricultural industry and an understanding of basic science concepts.

Landscaping

Course #: 920121

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will explore careers in the landscaping industry and research the basics of plant and soil science. Students will discuss and demonstrate the sales process while identifying the principles of landscape design. Students will be given the opportunity to participate in landscape construction, modification, and maintenance projects as well.

Background for Success:

Students should have a desire to learn more about the landscape industry and gain hands-on experiences through landscape projects.

RCC Introduction to Agriculture, Food and Natural Resources

Course #: 920105

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: None

Course Description:

This course provides an orientation into the profession of agricultural sciences. Combining theoretical and practical knowledge, students investigate plants, the principles and practices of crop production and management, precision farming, sustainability, biotechnology, marketing and sales related to agriculture. A special emphasis on real-world, innovative problem solving will provide students with a background to further specialize in producing and improving food crops. Important current societal issues related to modern agriculture are discussed throughout.

Background for Success:

It will be helpful for students to have already taken Intro to Agriculture, Food, and Natural Resources. Students should have a vested interest in agriculture, FFA, and planning on pursuing a college education in an AFNR program in the future

Agriculture

Small Animal Care & Management

Course #: 920113

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will learn various aspects of dog, cat, and rabbit animal care, identifying breeds of animals, and proper feeding/grooming techniques. Students will also explore numerous exotic pets and the cost to keep them in Minnesota. Students will also investigate the ever growing demand for jobs in the pet care industry and how to care for sick animals.

Background for Success:

This class is great for any student who owns a pet or is interested in a career with companion animals

Wildlife Management

Course #: 920125

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will receive a foundation in the ways of managing wildlife with a strong emphasis on large wildlife mammals of Minnesota. The issues surrounding a safe and well managed harvest will serve as the central focus. Students will be provided a historical perspective, characteristics and life cycles, habitat needs, habitat management, benefits to communities and the agriculture industry. Students will be expected to be active learners throughout each instructional unit. Careers in wildlife will be investigated.

Background for Success:

Student should have a desire to learn more about MN wildlife, as well as basic science concepts.

ART COURSE PATHS

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	902401	Studio Art	None	.5/sem.
9-12	902431	Drawing I	None	.5/sem.
10-12	902434	Drawing II	Drawing I	.5/sem.
10-12	902432	Painting I	Drawing I or Studio Art	.5/sem.
10-12	902433	Painting II	Painting I	.5/sem.
10-12	902402	3-D Design I	Drawing I or Studio Art	.5/sem.
10-12	902403	3-D Design II	3-D design I	.5/sem.
10-12	902433	Painting II	Painting I	.5/sem.
10-12	902501	Photography I	None	.5/sem.
10-12	902502	Photography II	Photography I	.5/sem.
12	902461	Senior Art	None	.5/sem.

Visual art courses strive to improve skills in communication and to nurture innovative thinking, creativity, and problem solving. All courses in this section earn credit toward completing the Visual and Performing Arts credit.

3-Dimensional Design I

Course #: 902402

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Drawing I or Studio Art

Course Description:

This course is ideal for the student who wants to pursue a more focused sculptural experience. The class will familiarize students with the fundamentals of sculpture, including various media mechanics and techniques. The physical properties of each medium and their relationship to design will be stressed so the student can successfully make a statement through the chosen media. This course is ideal for the student that wants to pursue a more focused sculptural experience.

Background for Success:

Student must be patient, goal oriented and have a keen eye for detail.

3-Dimensional Design II

Course #: 902403

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Drawing I or Studio Art, and 3-D design

Course Description:

This course places more attention on technical excellence and problems of composition. Students are assisted in developing more personalized sculptures. Sculpture styles are explored according to each student's interests and needs. Issues of art criticism and evaluation will help students to gain a better understanding of what happens in the creative process. Most materials will be provided by the art department.

Background for Success:

Students will need the willingness to experiment and learn new skills, as well as the energy and motivation to successfully complete projects.

Drawing I

Course #: 902431

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is an introduction into the art of drawing and is highly recommended as a first course for 9th graders. Students will be afforded the opportunity to learn how to create 2-dimensional work with various types of pencils and charcoal. Students will become familiar with different media and modes to help you create beautiful works of art.

Background for Success:

Students should have patience, be goal oriented and have an eye for detail.

Drawing II

Course #: 902434

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Drawing I

Course Description:

This course is the next step for students who want to further enhance and develop advanced drawing skills with in depth technique and multiple medium use. Using the skills learned in Drawing I, students will be guided through a series of projects that will both challenge and energize the desire to create their own art masterpieces. This course will construct knowledge of art portfolios designed for college.

Background for Success:

Students will need good work habits, open minded attitude to push past their current abilities and explore in-depth techniques of 2-dimensional art. Each student will work at unlocking creative potential.

Painting I

Course #: 902432

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Drawing I or Studio Art

Course Description:

This is an introductory painting course with focus on color theory and color value. You will learn to paint with multiple mediums in multiple art styles ranging from acrylic, watercolor, and oil paintings.

Background for Success:

Student must be able to think outside the box while using different 2-dimensional materials.

Painting II

Course #: 902433

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Painting I

Course Description:

This course is an advanced painting course with focus on color theory, color value, and self-exploration in the painting world. You will learn advanced painting skills with multiple mediums in multiple art style ranging from acrylic, watercolor and oil paintings.

Background for Success:

Students will need good work habits, open minded attitude to push past their current abilities and explore in-depth techniques of 2-dimensional art.

Photography I

Course #: 902501

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will learn how to operate a 35mm SLR camera, develop film, and print traditional black and white prints in the darkroom. Manipulation of camera controls and lighting conditions will be taught, including enabling students to use photography as a creative outlet and expression of self. Students will learn how compositional techniques are used to grab a viewer's attention and add visual interest to an image. In addition, students will acquire the skills and language to analyze and critique their own work and the works of others. Lastly, students will learn about the history of photography and the impact that the development of the camera has had on modern culture. Knowledge gained may also be applied to digital photography.

Background for Success:

Students must have the ability to use time wisely, be self-motivated, and have a sincere desire to explore this medium for visual expression. Respect for equipment is essential.

Photography II

Course #: 902502

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Photography I

Students may repeat Photo II, if they earned an "A" the first time they take Photo II.

Course Description:

This course is designed for the highly motivated photography student who desires to develop their technical skills with the camera and challenge their creative thinking processes. Students will learn how to improve artistic and technical skills learned in Photo I by using a digital camera and digital processing. Advanced techniques and special processes will be demonstrated and assigned to create photographic projects that use a student's personal vision to convey a message. Students will use their artworks as springboards to develop an understanding of aesthetic analysis and to develop creative writing skills.

Background for Success:

Students should bring general knowledge of art elements and principles, photographic composition, how to operate an SLR camera in manual mode, be highly motivated and able to set and maintain personal work goals. A limited number of 35mm SLR cameras are available for personal use, but a personal camera is highly beneficial.

Senior Art

Course # 902461

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This is a specific course for senior students that will focus on color theory/color value, artistic application, technique and composition. This course will be arranged as a studio course that will be designed for your development in 2D art whether you are a beginner, intermediate or advanced. You will learn to draw and paint with multiple mediums in multiple art styles ranging from colored pencil, artist marker, ink, chalk, graphite, acrylic, watercolor, and oil paintings based on the areas you wish to advance in.

Background for Success:

There is no prerequisite. This is a class specifically for seniors. This class will support beginner, intermediate and advanced students. Each student will have a tailored program/course design to allow opportunities for success.

Studio Art

Course #: 902401

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Studio Art is designed to provide an introduction to a variety of art experiences for students wishing to explore the possibilities of art. Students will have production experiences with a variety of materials and techniques, which may include: drawing, painting, printmaking, graphics, ceramics and sculpture. The emphasis will be on developing ideas and themes for art projects that have meaning and expressive value for the artist/audience.

Background for Success:

Students will need strong work habits, a willingness to make good use of time, to put forth good effort into new experiences and patience with the whole process.

Business

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	914201	Introduction to Bus. & Marketing	None	.5/sem.
10-12		Accounting	None	.5/sem
10-12	914203/914204	Marketing & Sales I	None	1.0/year
11-12	914205/914206	Management & Marketing-II Classroom	Intro. to Bus. & Marketing or Marketing & Sales I	1.0/year
11-12	914207/914208	Management & Marketing II- Internship	Intro. to Bus. & Marketing or Marketing & Sales I	1.0/year
11-12	914401	Personal Finance/Money Management	None	0.5/sem.
12	914209	Mentorship	None	.5/sem.
12	917101/917102	Work based Learning-Seminar	Paid employment in the community avg. 12-15 hours per week	.5/sem.
12	917121/917122	Work Based Learning-OJT	Paid employment	.5/sem.

Accounting

Course #:

Grade(s) Offered: 10-12

Credits/Length: 0.5/ semester

Prerequisite: None

Course Description:

Learn the language of business! This is an essential course for any college-bound student thinking about studying business or for students who are interested in starting their own business someday. Students will go through the Accounting Cycle and learn basic skills, such as how to journalize, post to ledgers, and create financial reports, prepare payroll, and learn about careers in Accounting. Automated Accounting concepts are integrated throughout the course with special Accounting Software and Microsoft Excel.

Background for Success:

Students should have basic computer skills and an interest in managing money.

Introduction to Business & Marketing

Course #: 914208

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course will provide students with an understanding of the economic environment in which we all live. Students will learn about how business meets consumer needs and wants, social responsibility, desirable business practices, entrepreneurship, and gain awareness of career opportunities in the field of business.

Background for Success:

Students should have good work habits and willingness to explore how the business world functions.

Management & Marketing II – Classroom

Course #: 914205 / 914206

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Intro to Business & Marketing or Marketing & Sales I

Course Description:

Students are introduced to today's critical business management concepts and principles through a variety of projects, decision-making exercises, and use of the textbook. Students will investigate functions of business to help them prepare for the real world. Leadership development can also be provided through membership in DECA, an association of marketing students.

Background for Success:

Students should know the basics of Marketing and be willing to complete real world projects.

Management & Marketing II – Internship

Course #: 914207 / 914208

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Current enrollment in Marketing & Management II - Classroom

Course Description:

In Marketing & Management II Internship the student must be employed for a minimum of 10 hours per week in an approved training plan for employment in the area of business or marketing. The student will be evaluated by their employer quarterly.

Background for Success:

Students should be a responsible employee in a Marketing field and willing to work with their employer to develop their marketing skills.

Marketing & Sales I

Course #: 914203 / 914204

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

This course provides a basic foundation in the field of marketing. Marketing and Sales take students into an exploration of marketing, which includes: How Marketing Impacts Society, Marketing Research Process, Sales Strategies, E-Commerce, Product Development, Social Responsibility of Business, and Ethics in Marketing. Marketing is a course aimed at providing students with textbook knowledge, hands-on opportunities, and real-life experiences within a classroom setting. Students are also given the opportunity to participate in DECA.

Background for Success:

Students should have good people skills and a willingness to show creativity in thinking about new products and ideas for business.

Personal Finance/Money Management – Classroom

Course #: 914401

Grade(s) Offered: 11-12

Credits/Length: 0.5 / sem.

Prerequisite: None

Course Description:

Get prepared for the real world! This course covers the basics of personal money management. Units include investing and retirement, banking, housing and real estate, buying vehicles, establishing good credit, credit cards and loans, consumer economics, insurance, taxes and budgeting.

Background for Success:

Students should be interested in learning how to manage money.

Mentorship

Course #: 914209

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will spend 35 hours throughout the semester with a mentor in their chosen career field. This course offers a unique opportunity for seniors to explore a career that you select and allows you to have a hands-on experience in that career. It will help you determine if that career is a good match before you pursue it in college.

Background for Success:

Students should have a specific interest in a profession. Students will need to be able to work independently and be well organized.

Work Based Learning - OJT

Course #: 917121 / 917122

Grade(s) Offered: 12

Credits/Length: 1 / year

Prerequisite: Concurrently enrolled in Work Based Learning Seminar

Course Description:

Students must maintain a paid job whereby you receive a W-2 form and pay stub. Students must average 12-15 hours per week at that job. In the event that your job is lost due to seasonal work or if you were released from a job you will have to actively seek a job in a two to three week period of time. If a job is not secured you will stay in the seminar, but will not receive credit for OJT. At semester time you will be assigned another elective to replace your seminar. On-the-job training (OJT) is one of the best training methods because it is planned, organized, and conducted at the employee's worksite.

Background for Success:

Students should be responsible employees and willing to work with their employer to develop their job skills.

Work Based Learning - Seminar

Course #: 917101 / 917102

Grade(s) Offered: 12

Credits/Length: 1 / year

Prerequisite: Student must have a job in the community for an average of 12-15 hours per week

Course Description:

Regardless of your individual career and academic goals, all students share one important need: you must be prepared to succeed in the world of work. In this class, we will present valuable information, explore ideas, and develop skills and competencies that will help all of you get a head start in being successful in the workplace. Students will participate in activities in the following areas: personal finance, credit cards, loans, insurance, career exploration, entrepreneurship, job search, workplace safety, workplace ethics, and personal finance.

Background for Success:

Students should be willing to continue to develop their work skills by working 12-15 hours per week and actively participating in activities and discussions in class.

Computer Science

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	910660	Exploring Computer Science	None	0.5/sem.
10-12	910665/901666	AP Computer Science Principals	None	1.0/year

AP Computer Science Principles

Course #: 910665/910666

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

The course is designed to be similar to an introductory college computing course while still being accessible for many students. In the course, students will be working to develop computational thinking skills needed for success in many disciplines. Students will acquire not only computational thinking skills but will experience computer programming, learning about the Internet, and discovering the global impact of computing. Students are given opportunities to express creativity and develop effective communication and collaboration skills working individually and collaboratively.

Background for Success:

An interest in computer science, information technology, and design using technology. Experience with programming is not required but may be helpful. Students should be able to achieve success without programming experience.

problem solve, and to try new experiences. Collaboration and communication are important parts of this hands-on course. Students will continue to build these skills as they participate in the course.

Exploring Computer Science

Course #: 910660

Grade(s): 9-12

Credits/Length: .5/semester

Prerequisite: None

Course Description:

This course is a project-based course where students use computer science as a vehicle for expressing their own creativity, collaboratively working with others, and being a active participant in problem solving. In the course, students will have experiences involving, computer programming, physical computing, problem solving and data. Students will work to build apps, games, animations and physical computing devices. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. The experiences and learning in this course should also prepare students to take AP Computer Science Principles.

Background for Success:

Students need to possess a willingness to be creative,

ENGLISH LANGUAGE LEARNERS COURSE PATHS

Determined by Proficiency	Determined by Proficiency	Determined by Proficiency	Rotation of Courses, so Students Will Get All Four before Graduation
EL Reading/Writing Support	EL Algebra	EL Physical Science	EL World History
EL Language Arts Level A	EL Intermediate Algebra	EL Biology	EL US History I/Human Geography
EL Language Arts Level B	EL Geometry	EL Everyday Chemistry	EL US History II
EL Language Arts Level C	EL Algebra II		EL Economics/Intro to U.S. Politics and Gov.

English Language Learners

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	907105/907106	EL Language Arts 9-12 Level A (2 hour block)	Teacher recommendation	1.0/year
9-12	907135/907136	EL Language Arts 9-12 Level B (2 hour block)	Teacher recommendation	1.0/year
9-12	907155/907156	EL Language Arts 9-12 Level C	Teacher recommendation	1.0/year
9-12	907181/907182	EL Reading/Writing Support	Teacher recommendation	1.0/year
9-12	907211/907212	EL Algebra	Teacher recommendation	1.0/year
9-12	907221/907222	EL Inter. Algebra	Teacher recommendation	1.0/year
9-12	907241/907242	EL Geometry (Offered 2020-21)	Teacher recommendation	1.0/year
9-12	907261/907262	EL Algebra II (Offered 2019-20)	Teacher recommendation	1.0/year
9-12	907301/907302	EL Physical Science	Teacher recommendation	1.0/year
9-12	907321/907322	EL Biology	Teacher Recommendation	1.0/year
9-12	907341/907342	EL Everyday Chemistry	Teacher recommendation	1.0/year
9-12	907445/907446	EL World History (Offered 2020-21)	Teacher recommendation	1.0 / year
9-12	907451/907452	EL Hum. Geog. (Offered 2021-22)	Teacher recommendation	1.0/year
9-12	907431/907432	EL US History (Offered 2022-23)	Teacher recommendation	1.0 / year
9-12	907461	EL American Government	Teacher recommendation	0.5/sem
9-12	907462	EL Economics	Teacher recommendation	0.5/sem

Students eligible to be enrolled in an English Language Learner class must be identified as Limited English Proficient as defined by the State of Minnesota. Recommendations will then be based on scores from the WaPT, Scantron, or ACCESS tests in conjunction with the student's academic history.

EL Algebra

Course #: 907211 / 907212

Grade(s) Offered: 9-12

Credits/Length: 1 elective credit/ year

Prerequisite: None

Course Description:

EL Algebra will provide background skills necessary for success in subsequent mathematics courses. The language of Mathematics is featured are skills in: solving equations, inequalities, functions, linear equations, and systems of equations. Learning will take place in the classroom as well as daily practice out of class.

Background for Success:

Persistence and the willingness to complete practice work independently will ensure success.

EL Algebra Support

Course #: 907283 / 907284

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Evidence that student has mastered basic Mathematical and Algebraic skills

Course Description:

Students should possess a strong desire to succeed and graduate. They should have basic knowledge of Algebraic concepts.

English Language Learners

EL Geometry

Course #: 907241 / 907242

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Evidence that Intermediate Algebra skills have been mastered.

Course Description:

Geometry is the science of applied Algebra. Algebraic principles and reasoning are applied to 2-dimensional and 3-dimensional figures. Students will be able to calculate measurements of angles, lines, arcs, etc., based on information given and accepted Geometric theorems. Focus will be on the language of mathematics and reasoning skills in addition to mastery of Geometry standards. This is a required course for graduation from Minnesota high schools. Students will be expected to participate in classroom learning as well as completing additional work outside the classroom.

Background for Success:

Students should possess a willingness to learn and desire to master their coursework. Students should also have the ability to solve multistep equations and inequalities, graph linear equations and inequalities, solve word problems, and factor polynomials.

EL Algebra II

Course #: 907261/907262

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Evidence that Intermediate Algebra skills have been mastered.

Course Description:

Students will solve a wide range of equations and inequalities algebraically and graphically, represent data and use various measures of data to draw conclusions and identify trends, write equations and graph relations, and use trigonometry to solve problems.

Background for success:

Students should have the ability to solve multistep equations and inequalities, graph linear equations and inequalities, solve word problems, and factor polynomials.

EL Biology

Course #: 907321 / 907322

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Successful completion of a Physics, Physical Science, or General Science course.

Course Description:

In EL Biology, students will gain a solid foundation in the basic concepts of biology - the study of life. Topics covered are the nature of science, characteristics of living things, energy cycling processes such as photosynthesis and cell respiration, cells, cell division, ecology, biochemistry, genetics, biological change over time, and the human body. In addition to these scientific concepts, strategies will be used to enable students to read, write, and discuss using the language of Science.

Background for Success:

Students should understand the importance of education and be committed to learning. Students should have had a successful experience with General or Physical Science as well.

EL Everyday Chemistry

Course #: 907341 / 907342

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Successful completion of a Physics, Physical Science, General Science, Biology, and Algebra courses.

Course Description:

Everyday Chemistry emphasizes the ways chemistry is present in every thing we do. Topics will include chemical laboratory safety and procedures, organic chemistry, biochemistry, environmental chemistry, and industrial chemistry. Students will gain an understanding of chemical processes while enhancing their abilities to read, write, and speak in the language of Science.

Background for Success:

Students should understand the importance of education and be committed to learning. Students should have had a successful experience with Physics or Physical Science, Biology, and Algebra. Students should be at English Proficiency Level 2 or higher.

EL General Science

Course #: 907301 / 907302

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Student identified as LEP.

Course Description:

This physical science course includes topics drawn from chemistry, physics, Earth, and space science. Within the course, students will develop skills in problem-solving, deductive reasoning, and collaborative learning. Topics include: scientific method, atomic structure, patterns in the periodic table, chemical equations, interaction between forces and motion, energy and its transfers, and Earth's systems within a dynamic universe. This course mirrors all General Science courses at Austin High School; however, there is considerable time devoted to the language of Science and accepted patterns for discussing scientific concepts.

Background for Success:

Students should understand the importance of education and be committed to learning. For some students, this is an entry-level science class, however, knowledge of Algebra, including solving equations, is highly desirable.

English Language Learners

EL Language Arts 9-12 Level A (2 hour block)

Course #: 907105 / 907106

Grade(s) Offered: 9-12

Credits/Length: 2 / year (1 Language Arts—1 Elective)

Prerequisite: Student identified as LEP Level 1 or 2.

Scantron reading less than 2300, Lexile reading levels under 600.

Course Description:

This Language Arts course is a 2-hour blocked, blended class. Students will work on improving reading and writing skills as well as participate extensively with an online-based curriculum that emphasizes phonics and academic reading skills. This class is highly structured using LanguageLive! curriculum.

Background for Success:

Student will have some reading and writing ability. A willingness to communicate in English and an eagerness to learn academic English will ensure success in this class. Student must also be able to stay on task without supervision for at least 30 minutes.

EL Language Arts 9-12 Level B (2 hour block)

Course #: 907135 / 907136

Grade(s) Offered: 9-12

Credits/Length: 2 / year (1 Language Arts—1 Elective)

Prerequisite: Student identified as LEP Level 2 or 3.

Scantron reading score between 2301-2700, Lexile reading levels between 601 and 700, and comparative writing skills may indicate a student would benefit from this class.

Course Description:

This Language Arts course is a 2-hour blocked, blended class. Students will work on improving reading and writing skills as well as participate extensively with an online-based curriculum that emphasizes phonics and academic reading skills. This class is highly structured using LanguageLive! curriculum.

Background for Success:

Student will have basic ability to read, write, and communicate in English but will require support for academic fluency. A willingness to communicate in English and an eagerness to learn academic English will ensure success in this class. Student must be able to stay on task without supervision for at least 30 minutes.

EL Language Arts 9—12 Level C

Course #: 907155 / 907156

Grade(s) Offered: 9 - 12

Credits/Length: 1 / year

Prerequisite: Student identified as LEP Level 4 or 5.

Scantron reading score between 2701 - 3000, Lexile reading levels above 800, and ability to write at least a paragraph.

Course Description:

This course is a bridge between the LanguageLive! classes and mainstream Language Arts classes. Students will enhance their English reading, writing, and communica-

tion skills. They will expand their vocabulary and knowledge of grammar, mechanics, and usage. Students will read, discuss, and analyze a variety of nonfiction and fiction selections, poems, and short stories. They will write for a variety of purposes and use the research process.

EL Reading/Writing Support

Course #: 907181/907182

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Scantron Reading score below 2000, Lexile level below 500, or an inability to take the leveling tests due to lack of proficiency in English.

Course Description:

EL Reading/Writing Support is designed for the student who is new to English or who would benefit from extra language learning support. This course will provide the student with survival English for everyday conversation as well as a focus on entry-level academic English. By the end of the course, students will be able to participate in a conversation that expresses their thoughts and needs and they will be able to write simple English sentences to form a short paragraph in response to academic questions. Vocabulary building plays a significant role in this course as well as decoding English words and analysis of English sentences to increase comprehension when reading. There is significant use of technology in this course.

Background for Success:

A desire to learn English, willingness to communicate in a new language, and respect for classmates is essential. This class is a community of learners and each member must participate in that community if it is to succeed.

EL Human Geography

Course #: 907451/907452

Grade(s) Offered: 9-12

Credits/Length: 1.0 / year

Prerequisite: None

Course Description:

Human Geography is a two-semester course in which students will study how humans impact the physical geography of the world and how the world's physical geography has influenced the development of human populations and their cultures. Students will study the political, cultural and economic patterns and distribution of humans on the earth's surface and discover the causes of these patterns. Students will demonstrate their understanding of geographic concepts through a variety of project-based assessments.

Background for Success:

Students should have a basic knowledge of world geography and world history. Students should also have basic map reading skills and analysis skills.

English Language Learners

EL World History

Course #: 907445 / 907446

Grade(s) Offered: 9-12 (Offered 2021 - 2022)

Credits/Length: 1 / year

Prerequisite: none

Course Description:

World History is a two-semester course that offers a general survey of World History from ancient times to modern times. The students will study events, people and ideas of the past and be able to explain the impact they had on shaping the world they live in today.

Background for Success:

Students should have a curiosity about the world in which they live and a desire to find out why things are the way they are.

EL American Government

Course #: 907461

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: US History II

Course Description:

American Government, a one-semester course, is a study of the United States national government and all its aspects with special emphasis placed on constitutional theory, major governmental institutions, and the national political culture and practice. This study will be cover Constitutional Underpinnings of United States Government; Political Beliefs and Political Behaviors; Political Parties; Institutions of National Government; Public Policy; Civil Rights and Civil Liberties.

Background for Success:

Students should have basic knowledge of United States governmental institutions and procedures (e.g., Congress, President, Courts, elections, etc.) Students should also have basic knowledge of the historical foundations of the United States of America.

EL Economics

Course #: 907462

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: US History II

Course Description:

Economics is a one-semester course which reviews the basic principles and methods of economics. These principles & methods are then applied to the micro-economy, the macro-economy and the global economy.

In addition, personal finance issues are addressed.

Background for Success:

Students should understand that the United States' economy is a mixed economy (with public and private owner-

ship of businesses.) Students should have a basic knowledge of markets (meeting places of buyers and sellers) and the concept of supply and demand.

EL US History

Course #: 907431/907432

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from the 15th Century to the present. The students will identify the major themes in United States history and explain their importance at each stage in the development of the United States. The students will gain a sense of understanding of experiences and influences that have helped shape the United States, its development of democratic principles and its role in the global community socially, economically, and politically.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.

EL Intermediate Algebra

Course # 907221/907222

Grades(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Evidence that student has mastered basic Mathematical and Algebraic skills.

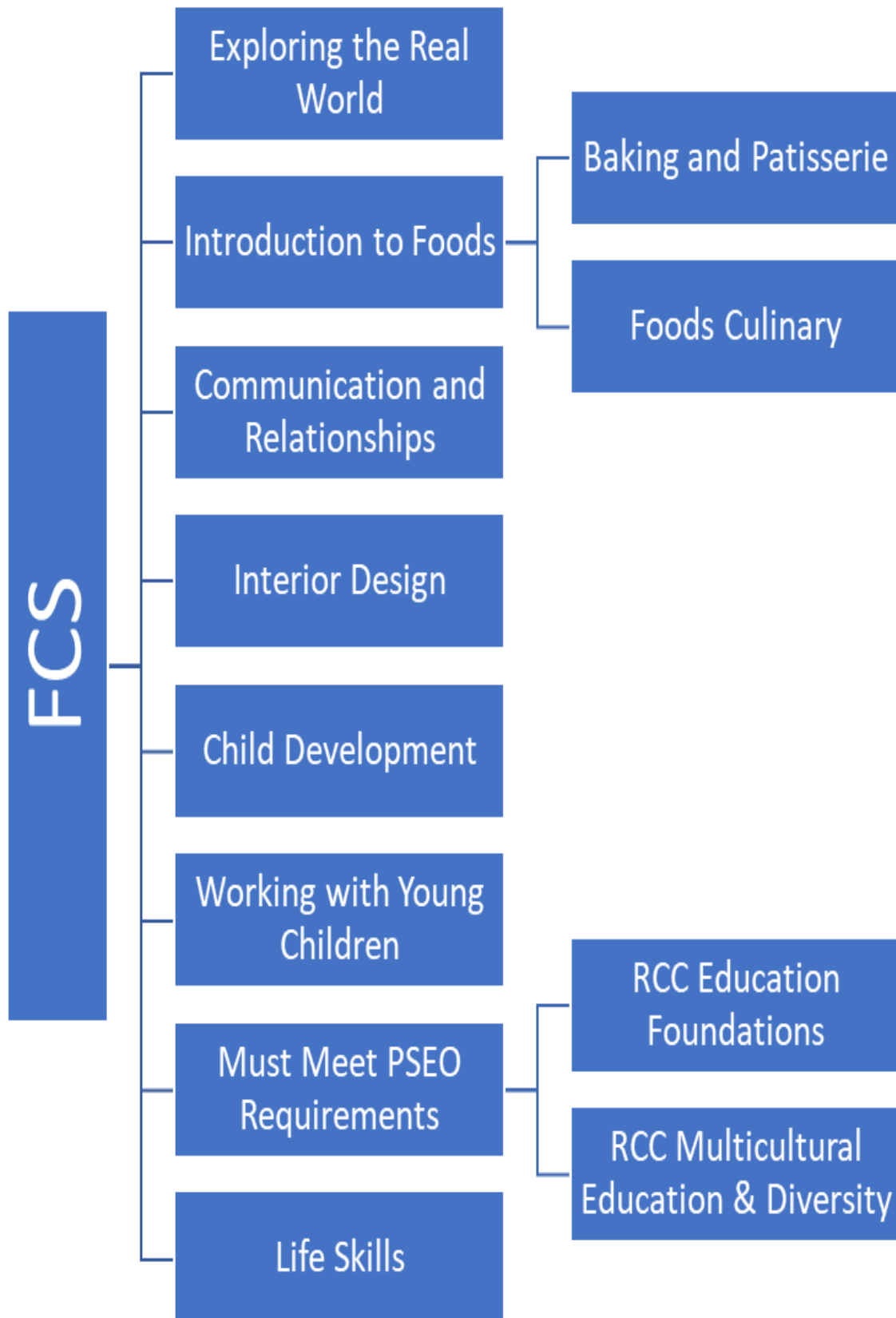
Course Description:

EL intermediate Algebra focuses on the language of mathematics and problem solving while providing students with skills in: data analysis/probability, quadratic, exponential, radical and rational functions. This is a required course for graduation from Austin High School. Classroom participation and out-of-class practice is required.

Background for Success:

Students should possess a strong desire to succeed and graduate. They should have basic knowledge of Algebraic concepts.

Family and Consumer Science Course Paths



Family and Consumer Science

Grade	Course Number	Course Title	Prerequisite	Credit
9-10	909311	Exploring the Real World	None	.5/sem.
9-12	909101	Introduction to Foods	None	.5/sem.
9-12	909201	Child Development	None	.5/sem.
9-12	909202	Working with Young Children	None	.5/sem.
9-12	909331	Interior Design (Offered 2021-2022, Not offered 2022-2023)	None	.5/sem.
10-12	909103	Baking and Patisserie	Intro to Foods	.5/sem.
10-12	909102	Foods: Culinary	Intro to Foods	.5/sem.
10-12	909302	Communication and Relationships (Offered 2022-2023, Not offered 2021-2022)	None	.5/sem.
11-12	909326	RCC Education Foundations	Must meet PSEO requirements	.75/sem.
11-12	909325	RCC Multicultural Education & Diversity	Must meet PSEO requirements	.75/sem.
11-12	909321	Life Skills	None	.5/sem.

Baking and Patisserie

Course #: 909103

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Intro to Foods

Course Description:

This course is designed for students to participate in advanced food selection and preparation. Students will learn food safety and sanitation practice as it relates to the food industry. Food science experiments will be conducted in the areas of baked goods and desserts. Cultural influences related to European and North American cuisines will be reflected. Lab experiences will include planning, preparing and serving foods as it relates to the listed areas of study. Competitions are available through National Restaurant Association at the State Level. This course is a part of the Articulation agreement* for college and works toward a National Restaurant certificate and ServSafe Handlers Certificate.

Background for Success:

Students need an understanding of basic measurements and equivalents, cooking terms and techniques, safety and sanitation practices. Good attendance with a willingness to explore foods from around the world is also beneficial.

Child Development

Course #: 909201

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is for a student with a strong interest in early childhood education and careers related to prenatal care, birth, babies, infants, and toddlers. Students will experience caring for a newborn baby by completing an "Infant Simulator" project.

Background for Success:

Student need to have a desire to learn about children from prenatal to toddler stages.

Communications and Relationships (Offered 2022-2023 NOT offered 2021-2022)

Course #: 909302

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course covers how we use communication in relationships. Students will learn strategies of effective communication and will discuss family and friend relationship dynamics in movies and television.

Background for Success:

Students should be curious to learn why some relationships endure while others don't last.

Family and Consumer Science

Exploring the Real World

Course #: 910311

Grade(s) Offered: 9-10

Credits/Length: .5 / semester

Prerequisite: None

Course Description:

This course will give students options to explore food/nutrition, communication skills, teen living/relationships, budgeting/spending, and housing. This course will introduce students to basic real-world skills.

Background for Success:

Basic skills such as listening, following directions, math and reading are beneficial.

Foods: Culinary

Course #: 909102

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Intro to Foods

Course Description:

This course is designed for students to participate in advanced food selection and preparation. Students will learn food safety and sanitation practice as it relates to the food industry. Food science experiments will be conducted in the areas of fruits, vegetables, starches (and grains) with a focus on soups, seasoning, meats, and poultry. Cultural influences will be related to Asian, African and Middle Eastern and Latin American cuisines. Lab experiences will include planning, preparing and serving foods as it relates to the listed areas of study. Competitions are available through National Restaurant Association. This course is a part of the Articulation agreement* and works toward a National Restaurant certificate.

Background for Success:

Students need an understanding of basic measurements and equivalents, cooking terms and techniques, safety and sanitation practices. Good attendance and a willingness to explore foods from around the world are beneficial.

Interior Design (NOT offered 2022-2023, Offered 2021-2022)

Course #: 909331

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisites: None

Course Description:

This course provides .5 credit toward the Visual and Performing Arts credit required for graduation. Topics covered are the study of residential interiors, elements and principals of design, color and architecture.

Background for Success:

Students should have an interest in creative designs.

Introduction to Foods

Course #: 909101

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is designed for students to participate in basic food selection and preparation. Students will learn about food safety and sanitation practices, time management, cost comparison, nutrients and how they function in the body. While in labs, students will demonstrate their skills in proper techniques that connect classroom learning with the food they are preparing.

Background for Success:

Basic reading and math skills, good attendance and a willingness to contribute and participate in group settings is important.

Life Skills

Course #: 909321

Grade(s) Offered: 11-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is designed to prepare students for their first year(s) away from home. Students will learn how to read a lease agreement, manage a checking account, recognize their responsibilities as a tenant, examine the legal responsibilities of turning 18, understand how to use credit wisely, understand the value of saving and insurance basics.

Background for Success:

Students should have basic math and reading skills, good attendance, and a willingness to explore, develop, and apply information to their own lives.

Family and Consumer Science

RCC Education Foundations

Course #: 909326

Grades Offered: 11-12

Credits/Length: 0.75/semester

Prerequisites: Must meet PSEO requirements. It is recommended students take Working with Young Children and Child Development prior to this class but it is not required.

Course Description:

In this course, students will explore the education profession. Students will learn about the roles of teachers in schools including characteristics of effective teachers; study historical and philosophical factors in shaping U.S. K-12 education; examine critical current educational issues including diversity and the opportunity gap; and explore the rationale and practice of reflective teaching as well as personal motivations. Additionally, students will design a plan for achieving a passing score in the MN NES Essential Academic Skills (EAS) subtests in Reading, Writing and Math, required for teacher licensure in Minnesota. Finally, students will complete a 10-hour teaching practicum and begin an electronic teaching portfolio to be developed throughout the Elementary Education Pathway. Designed to meet State of Minnesota educational foundations requirements for licensure

RCC Multicultural Education & Diversity

Course #:909325

Grades Offered: 11-12

Credits/Length: 0.75/semester

Prerequisites: Must meet PSEO requirements

Course Description:

In this course, students will emphasize cultural competence and culturally relevant pedagogy. Students will explore diversity in student learning and identity through the lenses of culture, language, race, class, gender, sexual identity and disability, and investigate the impacts of discrimination and prejudice on educational experience, equity and access. Students will also explore culturally and linguistically relevant pedagogy, including expanding capacity to examine their own values and biases. Students will also complete a 10-hour teaching practicum and continue an electronic teaching portfolio to be developed throughout the Elementary Education Pathway.

Working with Young Children

Course #: 909201

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is for the student with a strong interest in early childhood education and careers related to preschool and young school age children. Students should be ready to study, research and plan activities and experiences for young children. Topics include storytelling, music, puppetry, and art.

Background for Success:

Students need to have an interest in learning about working with and teaching young children.

Industrial Technology Course Paths

Graphic Arts I	Welding and Fabrication	Power Systems I	Woodworking Technology I (Career Connections)	Basic Building Construction (Career Connections)	Introduction to Engineering Design
Graphic Arts II	RCC Arc Welding	Transportation Technology I	Woodworking Technology II (Career Connections)	Basic Building Construction II (Career Connections)	Principals of Engineering
Graphic Arts III	RCC Wire Feed Welding	Transportation Technology II and/or Power Systems II	Woodworking Technology III (Career Connections)		
Graphics Mentorship					

Upon Completion of curriculum (Career Connections), student could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on the pay scale.

Industrial Technology

Grade	Course Number	Course Title	Prerequisite	Credit	
9	910103	Explorations: Technical Education (Not offered 2021-2022)	None	.5/sem.	
9-12	910401	Welding and Fabrication	None	.5/sem.	
9-12	910131/910132	Intro. To Engineering Design (Project Lead the Way)	None	1.0/year	
9-12	910201	Transportation Technology I	None It is recommended to have a vehicle to work on	0.5/year	
9-12	910221	Power Systems I	None	.5/sem.	
9-12	910301/910302	Woodworking Technology I	None	1.0/year	
9-12	910351/910352	Basic Building Construction I	None	1.0/year	
9-12	910501/910502	Graphic Arts I	None - Meets V&PA requirement	1.0/year	
10-12	910133/910134	Principles of Engineering (Project Lead the Way)	Intro. To Engineering Design	1.0/year	
10-12	910407	RCC Arc Welding	Welding and Fabrication AND -meeting Accuplacer program cut score or -meeting proficiency on 8th grade MCA reading and math exams	.75/year	
10-12	910408	RCC Wire Feed Welding	Welding and Fabrication AND -meeting Accuplacer program cut score or -meeting proficiency on 8th grade MCA reading and math exams	.75/year	
10-12	910203	Transportation Technology II	Transportation I	.5/sem.	
10-12	910311/910312	Woodworking Technology II	Woodworking I or teacher approval	1.0/year	
10-12	910223	Power Systems II	Power Systems I	.5/sem.	
10-12	910353/910354	Basic Building Construction II	Building Construction I	1.0/year	
10-12	910503/910504	Graphic Arts II	Graphic Arts I - Meets V&PA requirement	1.0/year	
11-12	910321/910322	Woodworking Technology III	Woodworking II course or teacher approval	1.0/year	
11-12	910505/910506	Graphic Arts III	Graphic Arts II - Meets V&PA requirement	1.0/year	
11-12	910507/910508	Graphics Mentorship	Graphics III and teacher recommendation	1.0/year	

Industrial Technology

Basic Building Construction I

Course #: 910351 / 910352

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

In Basic Building Construction I, students will learn: proper hand and power tool applications, to read a working drawing, to explore various construction materials, basic framing techniques, about sheeting materials, about insulation and venting, various applications and installations of doors and windows, techniques of roofing, sheet rocking techniques, basic siding installation, and basic electrical wiring techniques.

Career Connections: Upon completion of curriculum, students could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on a pay scale.

Background for Success:

Any experience using hand or power tools and equipment would be helpful. Basic measuring skills are also beneficial.

Basic Building Construction II

Course #: 910353 / 910354

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Basic Building Construction I

Course Description:

In Basic Building Construction II, students will learn: to read blueprints/ planning and designing, how to estimate, various applications for construction materials, how to do cement flat work, several siding applications (vinyl, steel, cedar), how to install fascia and soffit, different applications for insulation, how to install millwork, truss and rafter applications, surveying and site development, different types of framing and sheeting, residential wiring, and green building trends.

Career Connections: Upon completion of curriculum, students could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on a pay scale.

Background for Success:

Any experience using hand or power tools and equipment would be helpful. Basic measuring skills are also beneficial. Completion of Basic Building Construction I.

Explorations: Technical Education (not offered 2021-2022)

Course #: 910103

Grade(s) Offered: 9

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is designed for students to explore and be exposed to a variety of CTE (Career and Technical Edu-

cation) areas that include graphics, manufacturing, transportation and construction.

Background for Success:

Basic skills such as listening, following directions, math and reading are beneficial.

Graphic Arts I

Course #: 910501 / 910502

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

This introductory course is designed to give students an opportunity to explore a wide range of topics within the area of graphic technology. Students will work with computers, Adobe software, printing equipment and processes in learning about screen-printing, digital studio photography, offset printing, computers, heat transfer, laser engraver, wide format printing and more. Some of the products that are produced includes: Pet Rocks; T-shirt iron-ons; CDs; Ceramic tiles, Stationery; Digital photographs; Desk clocks; Vinyl stickers. This course teaches the skills needed to go on to advanced graphics courses at AHS, technical colleges or state universities. This course meets the Visual and Performing Arts requirement.

Background for Success:

Student should have basic graphic arts / graphic communications interest and background.

Graphic Arts II

Course #: 910503 / 910504

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Graphic Arts I

Course Description:

This course provides students with a mature foundation of knowledge that will contribute to future achievements in a wide range of graphic arts careers. The course provides the advanced theories and hands-on experience in PC computers Adobe software, design and layout, digital studio photography, computer to plate, digital preparation, offset printing, paper and bindery concepts, and photo screen printing. Students print golf balls, book-makers, mugs, large clocks, mouse pads and wet decals. Other concepts generate sandblasted drinking glasses, sandblasted Burton Board flash drives and multiple colored vinyl signs or heat transferred vinyl cut t-shirts. Junior and Senior students who successfully complete this course and meet the performance criteria are eligible for the articulation agreement.

This course meets the Visual and Performing Arts requirement.

Background for Success:

Students should have experience and interest in furthering graphic art skills, as well as knowledge of Adobe InDesign, Illustrator and Photoshop.

Industrial Technology

Graphic Arts III

Course #: 910505 / 910506

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Graphic Arts II or teacher recommendation

Course Description:

Austin High School has a printing company named Packer Graphics that is located here and run by students taking this course. The course allows students not only to further develop and build their skills, but also allows them the opportunity to learn how to run a business. Learning what it takes to be on time, on budget, and provide a quality product are very important skills taught in this class. A wide variety of products will be printed using several different methods. Packer Graphics is for students who are serious about developing their skills for the world of work or for furthering their education. Students completing this course have the necessary skills to obtain entry level positions at printing companies or will be able to sign off or test out of classes in college programs. All processes include multi-colored screen printing, lithography and dye-sublimation prints. Junior and Senior students who successfully complete this course and meet the performance criteria are eligible for the articulation agreement.

This course meets the Visual and Performing Arts requirement.

Background for Success:

Student should have the experience of Graphic Arts II.

Graphics Mentorship

Course #: 910507 / 910508

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Graphics II

Course Description:

Students who want to incorporate their graphics skills into a part-time job might be interested in this on-the-job training course. This course will document hours, competencies and school-based instruction in the graphics communications field. The mentors need to be 16, 17 or 18 years old. The mentors can learn in school through printing for the school district. It is possible to be part-time employed at a local printing company. Candidates with more experience in graphics are more likely to be selected. Students could print senior t-shirts, SkillsUSA t-shirts and homecoming t-shirts. Students compete in SkillsUSA state and national competitions. **Junior and Senior students who successfully complete this course and meet the performance criteria are eligible for the articulation agreement.**

Background for Success:

Student should have the experience of Graphic Arts II.

Introduction to Engineering Design (Project Lead the Way)

Course #: 910131 / 910132

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: None

Course Description:

The Project Lead the Way curriculum, including Introduction to Engineering Design, focuses on making math and science relevant for students. The approach used is called APPB-Learning (Activities, Projects, and Problem-Based Learning). By engaging in hands-on, real-world projects, students understand how the material covered in class can be applied in their everyday lives. Learning activities will include teacher-led instruction, cooperative learning, and project-based learning. Technology will be used to enhance students' learning, and provide real-world applications.

Background for Success:

Students that have had previous Project Lead the Way courses will help, but there are no prerequisites.

Principles of Engineering

Course #: 910133/910134

Grade(s) Offered: 10-12

Prerequisite: Intro. To Engineering Design

Course Description:

This course provides an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address the emerging social and political consequences of technological change. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

Background for Success:

Students should be concurrently enrolled in honors or AP math and science courses. This is an advanced course where students have the potential to earn three college credits, based on grade in the class and the end of the year exam.

Industrial Technology

Power Systems I

Course #: 910221

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This is a vocational course that introduces students to mechanical systems used in power and transportation. Students will learn basic maintenance, troubleshooting, and how to do an overhaul of a four-stroke engine. During this course students will experience hands on learning activities that will aid them in careers in all automotive fields as well as become better consumers.

Background for Success:

Any experience using hand, or power tools and equipment would be helpful. Students should have an interest in small engines, such as lawn-mowers, motorcycles, outboards, etc.

Power Systems II

Course #: 910223

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Power Systems I

Course Description:

This is a vocational course that will expose students to in-depth learning about multi cylinder engines, careers related to small engines, and small engine powered equipment such as snowmobiles, motorcycles, and tractors.

Background for Success:

Experience and completion of Power Systems I.

RCC Arc Welding

Course #: 910407

Grade(s) Offered: 10-12

Credits/Length: .75/semester

Prerequisite: Welding and Fabrication AND meeting Accuplacer program cut score OR meeting proficiency on 8th grade MCA reading and math exams

Course Description:

This course includes the Shielded Metal Arc Welding (SMAW) process starting with the power sources, electrodes, and the various applications. A great deal of time is spent in the lab developing skills using this welding process. Welds are made in all positions using various types of electrodes. Welding codes and applications are also covered and followed.

Background for Success:

A student should be able to work safely within a shop environment, follow a series of instructions and complete tasks independently. Other skills include the ability to read and utilize a college textbook, understand basic welding terminology and having the ability to calculate dimensions on a schematic.

RCC Wire Feed Welding

Course #: 910408

Grade(s) Offered: 10-12

Credits/Length: .75/semester

Prerequisite: Welding and Fabrication AND meeting Accuplacer program cut score OR meeting proficiency on 8th grade MCA reading and math exams

Course Description:

This course emphasizes Gas Metal Arc Welding (GMAW). The course includes the following major groups: power sources, shielding gases, wire feeders and torches. Each one of these groups is covered in detail. Time is spent in the lab developing skills in using the process and setting up the equipment for the various applications. The focus of this course is on the use of wire feed welding equipment, application and setup. Safety is a major consideration including welding equipment and the handling of various gases. Welding skills are developed through completion of welding projects.

Background for Success:

A student should be able to work safely within a shop environment, follow a series of instructions and complete tasks independently. Other skills include the ability to read and utilize a college textbook, understand basic welding terminology and having the ability to calculate dimensions on a schematic.

Transportation Technology I

Course #: 910201

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This course is intended for students to learn the basics of car care, including maintenance, emergency procedures, and purchasing a car. Students will learn about specific applications to their vehicle as well as general applications to all cars. Students will learn through hands on applications on real cars.

Background for Success:

Any experience using hand, or power tools and equipment would be helpful. Students should have an interest in doing maintenance, repairs, and modifications to a vehicle.

Industrial Technology

Transportation Technology II

Course #: 910203

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Transportation Technology I.

Course Description:

This course is intended for students to have the opportunity to learn more in-depth service of automobiles. Students will learn troubleshooting, electrical diagnostics, advanced maintenance, and auto-body work. Junior and Senior students who successfully complete this course and meet the performance criteria are eligible for the articulation scholarship.

Background for Success:

Completion of Transportation Technology I.

Welding and Fabrication

Course #: 910401

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

In Welding and Fabrication students will demonstrate safe procedures while in a “shop” environment, demonstrate proper welding and cutting safety procedures, weld the five most common weld joints, demonstrate knowledge of Shielded Metal Arc Welding, set up and use a Plasma CAM machine, demonstrate knowledge of Oxy-acetylene operation, and design and construct basic metal projects using skills learned in class including metal sculpture. Students will also study the history of metalwork. Students may take this course more than once. Students who do take this course more than once will work on more advanced projects.

Background for Success:

Any experience using hand or power tools and equipment would be helpful. Computer skills are helpful in researching and in utilizing the computer driven machines in the lab such as PlasmaCam and CNC driven Milling Machine.

Woodworking Technology I

Course #: 910301 / 910302

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Technical Ed. is recommended but not required

Course Description:

This course is designed for the student who has an interest in acquiring more advanced skills in woodworking. Students will operate most stationary power tools in the shop during this course. First semester, all students will learn how to measure, read a working drawing, and follow a plan of procedure to build a nightstand cabinet. Second semester they will be required to create several smaller projects as assigned by the instructor. Lathe work and CNC router will also be included. Students will be

responsible for the cost of the cabinet and any other projects they take home.

Career Connections: Upon completion of curriculum, students could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on a pay scale.

Background for Success:

Students should have an interest in gaining an appreciation of wood and wood products used in daily life. Students will need to know how to work independently and cooperatively in a lab setting. Any experience using hand or power tools would be helpful.

Woodworking Technology II

Course #: 910311 / 910312

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Woodworking Technology I or teacher recommendation

Course Description:

This course is intended to give students an in depth opportunity to develop a furniture or cabinetry project. Students will design the project, develop a bill of materials, and select the appropriate materials to create a finished product. They will demonstrate skills and techniques used in fine cabinetmaking and will assess their work upon completion. Advanced wood joinery and CNC router will be explored. Students are responsible for the cost of the projects for this course. Students will learn how to work independently and cooperatively in a lab setting.

Career Connections: Upon completion of curriculum, students could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on a pay scale.

Background for Success:

Students should have an interest in gaining an appreciation of wood and wood products used in daily life.

Industrial Technology

Woodworking Technology III

Course #: 910321 / 910322

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Woodworking Technology II or teacher recommendation

Course Description:

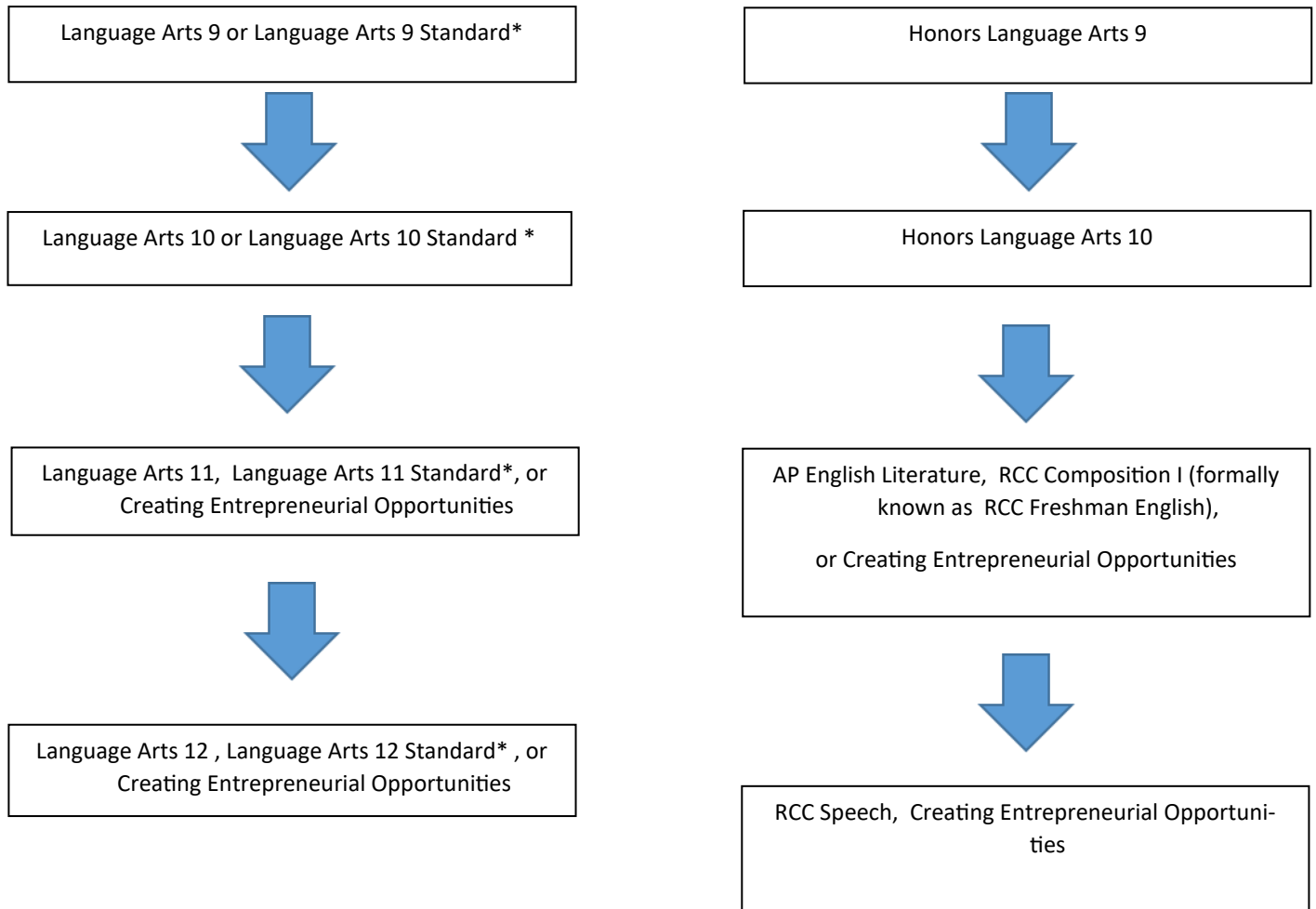
This course is intended to give the student an opportunity to pursue an independent furniture/cabinetry project of their choice. All projects must be approved by the instructor before the student can begin production. The parent or guardian of the student must also approve the project that will be produced. Projects for this course should incorporate advanced woodworking and CNC router techniques. Students will be responsible for the cost of the projects. Students may need to purchase additional materials on their own if not available in the woodworking lab.

Career Connections: Upon completion of curriculum, students could obtain a total of 500 hours towards their apprenticeship in carpentry/building trades. 500 hours is equivalent to one step on a pay scale.

Background for Success:

Students should have an interest in gaining an appreciation of wood and wood products used in daily life. Students will need to know how to work independently and cooperatively in a lab setting.

LANGUAGE ARTS COURSE PATHS



* = Students are recommended for this course.

*** = Students can meet the LA requirement by taking the following courses because RCC courses are worth .75 credit.

RCC Humanities in 11th grade

RCC Freshman English in 11th grade

RCC Speech in 12th grade

Language Arts

Grade	Course Number	Course Title	Prerequisite	Credit
9	905101/905102	Language Arts 9 Standard	Teacher recommendation	1.0/year
9	905121/905122	Language Arts 9	None	1.0/year
9	905141/905142	Honors Language Arts 9	None	1.0/year
9-12	905013/905014	Language Arts Support	Teacher recommendation	1.0/sem.
10	905111/905112	Language Arts 10 Standard	Teacher recommendation	1.0/year
10	905131/905132	Language Arts 10	Language Arts 9 course	1.0/year
10	905151/905152	Honors Language Arts 10	Honors Lang. Arts 9 or Lang. Arts 9	1.0/year
11	905161/905162	Language Arts 11 Standard	Teacher recommendation	1.0/year
11	905171/905172	Language Arts 11	Language Arts 10 course	1.0/year
11	905203/905204	AP English Literature and Composition	None, meets lit. and choice course requirement	1.0/sem.
11-12	905205	RCC Humanities	Must meet PSEO requirements, meets literature requirement	.75/sem.
11-12	905224	RCC Composition I (formally known as RCC Freshman English)	Must meet PSEO requirements, meets writing requirement	.75/sem.
11-12	905226	RCC Composition II	Must meet PSEO requirements, meets writing requirement	.75/sem.
11-12	905211/905212	Creating Entrepreneurial Opportunities	Complete application process	1.0/year
12	905181/905182	Language Arts 12 Standard	Teacher recommendation	1.0/year
12	905191/905192	Language Arts 12	Language Arts 11 course	1.0/year
12	905243	RCC Fundamentals of Speech	Must meet PSEO requirements, meets speaking and choice requirement	.75/sem.

Students must take 4 full credits of Language Arts courses throughout their four years at Austin High School.

Language Arts

AP English Literature & Composition

Course #: 905203 / 905204

Grade(s) Offered: 11

Credits/Length: 1 / year

Prerequisite: None

Course Description:

In Advanced Placement English Literature & Composition, students read and analyze several works of literary merit, including short stories, poems, dramas, and novels. Major works may include but are not limited to *Oedipus Rex*, *Death of a Salesman*, *Frankenstein*, *Hamlet/Othello*, *Native Son*, *Anthem*, *The Things They Carried*, *Heart of Darkness*, *Catcher in the Rye*, and *Beloved*. Significant emphasis is placed on writing both short and long essays in response to the literature, as students will also prepare for the AP College Board Exam. Because AP is rigorous in both its pace and content, students enrolling in the class should expect to independently seek help and support when needed.

Background for Success:

Students would be eager to accept the challenge of difficult coursework and an accelerated pace. They should be skillful readers and insightful discussants who are interested in analyzing and interpreting literature.



Creating Entrepreneurial Opportunities

Course #905211/905212

Grades(s) Offered: 11-12

Credits/Length: 1/year

Prerequisite: complete application process

Course Description:

Creating Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community has partnered with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course. Students will be engaging in reading, writing, speaking, and listening skills that will meet standards for Language 11 and Language Arts 12.

Background for Success:

Students will develop reading, writing, and oral communication skills through practical experiences in the community. Students will be expected to participate in various projects as a group and independently. They will interact with many community business and will be expected to maintain professional connections.

Honors Language Arts 9

Course #: 905141 / 905142

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: None

Course Description:

In Honors Language Arts 9, students will enhance their reading, writing, and communication skills. They will also expand their vocabulary and knowledge of grammar and punctuation. Students will read, discuss, and analyze a variety of nonfiction selections, poems, short stories, class novels, and independent novels. In addition to reading and analyzing, students will write a variety of essays. Students will enhance their presentation skills through formal and informal presentations. The general expectation for this course is that students will apply their knowledge to other contexts. This rigorous course is designed for highly motivated, serious students capable of extending themselves beyond the normal high school curriculum.

Background for Success:

Students must be motivated to continue to improve their writing, and oral communication skills. They must be willing to accept academic and intellectual challenges. In addition, students are expected to participate fully in rigorous class activities, which may include classroom and small group discussion, peer and self-assessment and research.



Honors Language Arts 10

Course #: 905151 / 905152

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Honors Language Arts 9 or Language Arts 9

Course Description:

In Honors Language Arts 10, students will enhance their reading, writing, and communication skills. They will expand their vocabulary and knowledge of grammar, mechanics, and usage. Students will read, discuss, and analyze a variety of novels, nonfiction selections, poems, and short stories. They will write a variety of papers/projects using the MLA research process. This rigorous course is designed for highly motivated, serious students, who are capable of extending themselves beyond the normal high school curriculum.

Background for Success:

Students should be eager to accept the challenge of reading and discussing assignments up to 25 pages per night. Students should be comfortable and confident in writing from a variety of perspectives and text structures. Students must be knowledgeable in the MLA format because it is expected on all writing assignments. Successful students strive for academic challenge and depth and they are willing to work through the challenging curriculum.



Language Arts

Language Arts 9

Course #: 905121 / 905122

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: None

Course Description:

In Language Arts 9, students will enhance their reading, writing, and communication skills. They will also expand their vocabulary and knowledge of grammar and punctuation. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple 5-paragraph essays. The general expectation for this course is that students will apply their knowledge to other contexts.

Background for Success:

Students must be motivated to develop and improve their reading, writing, and oral communication skills. They must be willing to accept academic and intellectual challenges. In addition, students are expected to participate fully in class activities, which may include classroom and small group discussion, peer and self-assessment and research.

Language Arts 9 Standard

Course #: 905101 / 905102

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: Teacher recommendation

Course Description:

In Language Arts 9 Standard, students will enhance their reading, writing, and communication skills. They will also expand their vocabulary and knowledge of grammar and punctuation. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple 5-paragraph essays. The general expectation for this course is that students will apply their knowledge to other contexts. This course is co-taught based on student needs.

Background for Success:

Students will develop reading, writing, and oral communication skills. They must be willing to accept academic challenges. In addition, students are expected to participate in all classroom discussions and maintain consistent effort with in-class work.

Language Arts 10

Course #: 905131 / 905132

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Language Arts 9 or Language Arts 9 Standard

Course Description:

In Language Arts 10, students will engage in activities aimed at enhancing reading, writing, and communication skills. Students will read, discuss, and analyze a variety of nonfiction selections, poems, short stories, dramas, and

novels. Students will also work on language skills to expand vocabulary and enhance understanding of grammar, mechanics, and usage in an effort to prepare them for writing essays for a variety of purposes.

Background for Success:

Students must be consistent in their efforts to improve reading, writing, and oral communication skills. Students are expected to participate in both small and large group discussions and activities as well as demonstrate the ability to conduct research for large, comprehensive assignments and essays.

Language Arts 10 Standard

Course #: 905111 / 905112

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Teacher recommendation

Course Description:

Students in Language Arts 10 Standard will strengthen their reading, writing, and communication skills. They will expand their vocabulary and knowledge of grammar, mechanics, and usage. Students will read, discuss, and analyze a variety of nonfiction and fiction selections, poems, and short stories. They will write for a variety of purposes and use the research process. This course is team-taught based on student needs.

Background for Success:

Students will continue to develop reading, writing, and oral communication skills. Students are expected to participate in both small and large groups and use organizational skills to maintain consistent effort with in-class work.

Language Arts 11

Course #: 905171 / 905172

Grade(s) Offered: 11

Credits/Length: 1 / year

Prerequisite: Language Arts 10 or Language Arts 10 Standard

In Language Arts 11, students will enhance their reading, writing, and communication skills. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple papers. The general expectation for this course is that students will apply their knowledge to other contexts.

Background for Success:

Students must be motivated to develop and improve their reading, writing, and oral communication skills. They must be willing to accept academic and intellectual challenges. In addition, students are expected to participate fully in class activities, which may include classroom and small group discussion, peer and self-assessment and research.



Language Arts

Language Arts 11 Standard

Course #: 905161/ 905162

Grade(s) Offered: 11

Credits/Length: 1 / year

Prerequisite: Teacher recommendation

In Language Arts 11 Standard, students will enhance their reading, writing, and communication skills. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple papers. The general expectation for this course is that students will apply their knowledge to other contexts.

Background for Success::

Students will develop reading, writing, and oral communication skills. Students will be presented with academic challenges. In addition, students are expected to participate in all classroom discussions and maintain consistent effort with in-class work.

Language Arts 12

Course #: 905191/905192

Grade(s) Offered: 12

Credits/Length: 1 / year

Prerequisite: Teacher recommendation

In Language Arts 12, students will enhance their reading, writing, and communication skills. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple papers. The general expectation for this course is that students will apply their knowledge to other contexts.

Background for Success::

Students must be motivated to develop and improve their reading, writing, and oral communication skills. They must be willing to accept academic and intellectual challenges. In addition, students are expected to participate fully in class activities, which may include classroom and small group discussion, peer and self-assessment and research.

Language Arts 12 Standard

Course #: 905181/905182

Grade(s) Offered: 12

Credits/Length: 1 / year

Prerequisite: Teacher recommendation

Language Arts 12 Standard is a novel-based course where students will enhance their reading, writing, and communication skills. Students will read and analyze short stories, poetry, class novels, and independent novels. In addition to reading and analyzing, students will write multiple papers. The general expectation for this course is that students will apply their knowledge to other contexts.

Background for Success::

Students will develop reading, writing, and oral communication skills. Students will be presented with academic challenges. In addition, students are expected to participate in all classroom discussions and maintain consistent effort with in-class work



Language Arts Support

Course #: 905013 / 905014

Grade(s) Offered: 9-12

Credits/Length: 1 / semester

Prerequisite: Recommendation based on Scantron Reading scores and teacher recommendation

Course Description:

This course uses the Read 180 Next Generation program. Read 180 is an intensive reading program for students who are reading below grade level. Designed to meet the needs of older struggling readers, Read 180 provides individualized instruction through teacher-directed lessons, adaptive software, age-appropriate nonfiction and fiction texts, and data-driven differentiation. This class will prepare students for the MCA II Grad Reading Test.

Background for Success:

Students must be motivated and willing to work to improve their reading and writing skills. Student must be mature enough to function successfully during independent work time. Students must come with the attitude that they are responsible for their own learning.

RCC Composition I (formally known as Freshman English)

Course #: 905224

Grade(s) Offered: 11-12

Credits/Length: 0.75 / semester

Prerequisite: Student must meet PSEO requirements

Course Description:

RCC Composition I is a concurrent enrollment college course in which students will develop skills needed to write in narrative, descriptive, informative, and persuasive modes as well as multi-modal composition. Students will explore each style of writing and will write their own essays modeling the styles. Students will also engage in peer feedback on each essay.

Background for Success:

Students are expected to have a thorough understanding of sentence and paragraph structure. Students should be self-driven, willing to analyze writing, and be motivated to meet established deadlines at a college level.



Language Arts

RCC Composition II

Course #: 905226

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: Student must successfully complete Composition I.

Course Description:

RCC Composition II is a concurrent college composition course which is focused on the writing of an academic research paper. Students learn how to employ the resources of an academic library and how to cite those sources in a fully documented analytics/interpretive term paper. Tasks throughout the semester will build on skills to complete the term paper.

Background for Success:

Students are expected to have a thorough understanding of grammar and essay structure in various modes of writing. Students should be self-driven, willing to analyze writing along the way, guide/support peers in the writing process, and motivation to meet established deadlines at college level expectations.



both large and small group discussions. Because this is a college level course, students are expected to consult additional resources for support when needed.

Background for Success:

Students are expected to accept academic and intellectual challenges as the reading material is challenging. Students are expected to actively participate in discussions and critically analyze the evolution of society through literature, architecture, art, and other cultural contributions.

RCC Fundamentals of Speech

Course #: 905243

Grade(s) Offered: 12

Credits/Length: 0.75 / semester

Prerequisite: Student must meet PSEO requirements

Course Description:

In RCC Fundamentals of Speech, students will learn the skills necessary for successful public communication, including audience analysis, research and organization, delivery techniques, and speaking ethics. Students will prepare and deliver a variety of speeches, including: informative, persuasive, oral interpretation, group speech, and impromptu.

Background for Success:

Students must be motivated to develop and improve their oral communication skills. They must be willing to accept academic and intellectual challenges. In addition, students are expected to participate fully in class activities, which include discussion, research, and peer- and self-evaluation.



RCC Humanities I

Course #: 905205

Grade(s) Offered: 11-12

Credits/Length: 0.75 / semester

Prerequisite: Student must meet PSEO requirements

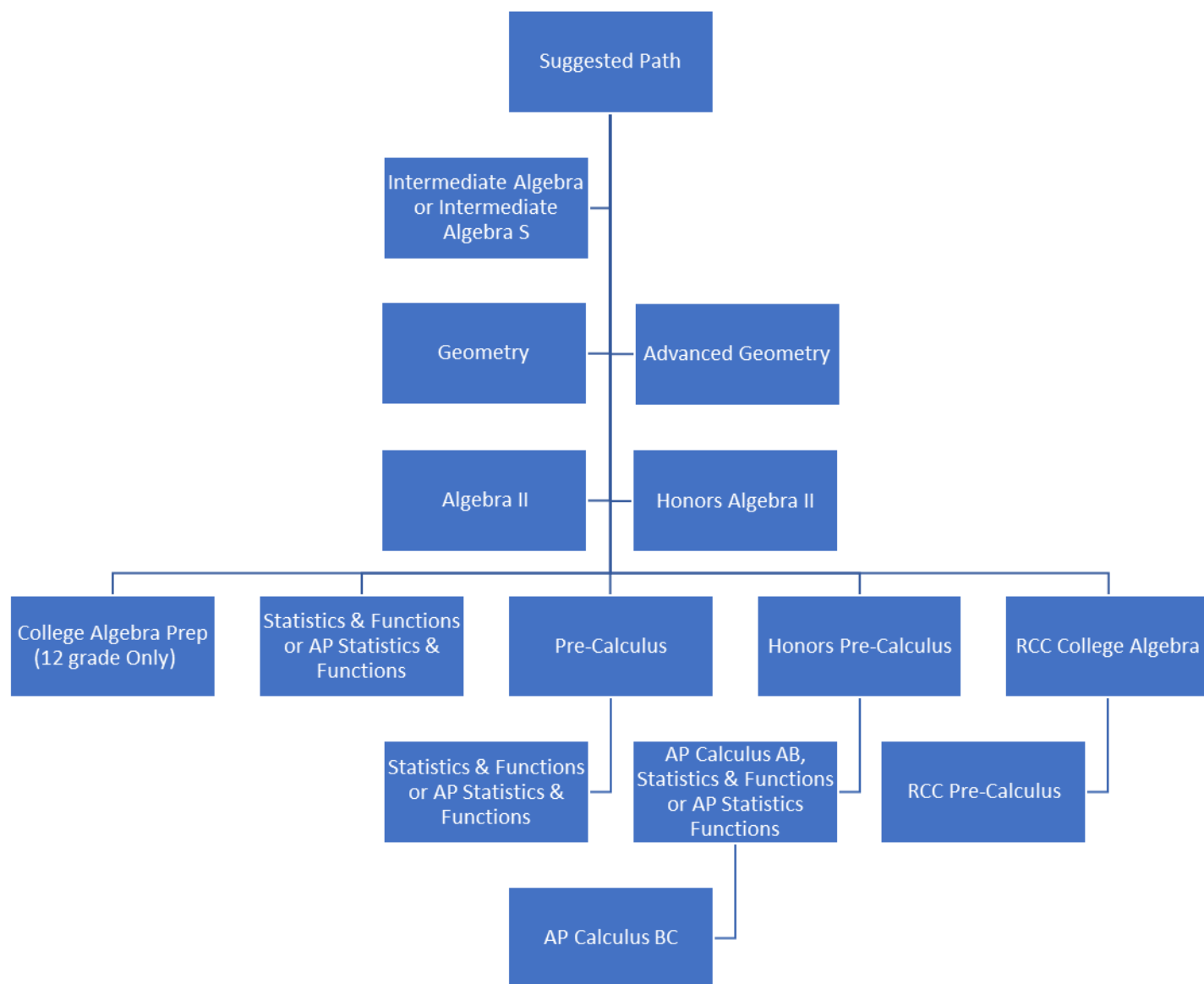
Course Description:

RCC Humanities I is a survey course that focuses attention on architecture, art, music, philosophy, and literature of ancient civilizations through those of the Renaissance period. Students will analyze literary works and demonstrate previously learned English skills to write essays and responses. Students will also be expected to participate in



MATHEMATICS COURSE PATH

4 years of mathematics is NOT required, but strongly encouraged.



*Students interested in attending a four-year college are encouraged to take 4 credits of math

Mathematics

Grade	Course Number	Course Title	Prerequisite	Credit
9	911103/911104	Intermediate Algebra S	Teacher Recommendation	1.0/year
9	911121/911122	Intermediate Algebra	None	1.0/year
9-11	911201/911202	Geometry	Non-Lin. Algebra course	1.0/year
9-10	911211/911212	Advanced Geometry	Non-Lin. Algebra course	1.0/year
9-11	911321/911322	Honors Algebra II	Advanced Geometry or Geometry and teacher recommendation	1.0/year
10-12	911301/911302	Algebra II	Geometry course	1.0/year
10-12	911401/911402	Pre-Calculus	Algebra II course	1.0/year
10-12	911421/911422	Honors Pre-Calculus	Honors Algebra II or Algebra II course and teacher recommendation	1.0/year
11-12	911441/911442	AP Calculus AB	Pre-Calculus course and teacher recommendation	1.0/year
11-12	911501/911502	Statistics and Functions	Algebra II	1.0/year
11-12	911381	RCC College Algebra	Algebra II	.75/sem.
11-12	911431	RCC Pre-Calculus	RCC College Algebra or H.S. Pre-Calculus	.75/sem.
12	911461/911462	AP Calculus BC	AP Calculus AB	1.0/year
12	911521/911522	AP-Stats and Functions	Pre-Calculus or Honors Pre-Calculus	1.0/year
12	911561/911562	College Algebra Prep	Algebra II	1.0/year

Advanced Geometry

Course #: 911211 / 911212

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: Advanced Algebra (Ellis) or teacher recommendation

Course Description:

This course gives you a strong background in the types of mathematical reasoning and problem solving that will prepare you for future math courses. Students will develop skill in reasoning and problem solving strategies using geometric properties of lines, angles, triangles, circles, and other geometric concepts to solve real-world problems. This course will differ from Geometry in two ways. First, many of the ideas which will be postulated (accepted without proof) in Geometry will be proved. Second, topics will be expanded and done at a much more rigorous pace.

Background for Success:

Students should have the ability to solve linear equations and quadratic equations, solve systems of equations,



graph linear and quadratic equations, visualize objects and understand area and perimeter, understand and work with ratio and proportions.

Algebra II

Course #: 911301 / 911302

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Geometry

Course Description:

In Algebra II, students will solve a wide range of equations and inequalities algebraically and graphically, represent data and use various measures of data to draw conclusions and identify trends, write equations and graph relations, and use trigonometry to solve problems.

Background for Success:

Students should have the ability to solve multistep equations and inequalities, graph linear equations and inequalities, set up and solve word problems, and multiply and factor polynomials.



Mathematics

AP Calculus AB

Course #: 911441 / 911442

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Honors Pre-Calculus or Pre-Calculus and teacher recommendation

Course Description:

AP Calculus is a rigorous college level course. In this course students will review elementary functions and explore topics in differential and integral calculus.

In May, students may choose to take the AB Calculus exam. Depending on your score, college may grant you college credit for this course.

Background for Success:

Students should be familiar with coordinates and graphs in the plane; slope and equations for lines; relations, functions and their graphs; geometric transformations; solving equations and inequalities algebraically and graphically; and trigonometric functions. Students will need a graphing calculator.



AP Calculus BC

Course #: 911461 / 911462

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: AP Calculus AB

Course Description:

AP Calculus BC is currently being offered through PSEO and will be reassessed as a course to be taught at AHS to align with student need. Students interesting in taking AP Calculus BC should register for this course to ensure time in their schedule to complete the course.

Background for Success:

Students should have a strong Pre-Calculus background.



AP Statistics and Functions

Course #: 911521/ 911522

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Pre-Calculus or Honors Pre-Calculus

Course Description:

AP Statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

Background for Success:

Ability to solve equations, inequalities, and systems of equations; represent and solve real-world problems using equations/geometric diagrams. A strong understanding of exponential arithmetic.



College Algebra Prep

Course #: 911561 / 911562

Grade(s) Offered: 12

Credits/Length: 1 / year

Prerequisite: Algebra II

Course Description:

This course is designed for student who have completed the coursework required for graduation but who would benefit from additional coursework in Algebra 2, Geometry, Statistics, and Trigonometry. Additional work in these topics helps prepare students for a first year college math course commonly known as College Algebra. The topics in this course will be chosen from the MN Mathematics Standards.

Background for Success:

Students should be able to simplify rational expressions, solve rational equations and solve systems of linear and nonlinear equations; represent real world problem situations using variables and/or geometric models and solve polynomial equations. Graphing calculator recommended but not required.

Geometry

Course #: 911201 / 911202

Grade(s) Offered: 9-11

Credits/Length: 1 / year

Prerequisite: Intermediate Algebra

Course Description:

This geometry course gives you a strong background in the types of mathematical reasoning and problem solving that will prepare you for future math courses. You will have a chance to develop your skill in reasoning and problem solving strategies using geometric properties of lines, angles, triangles, circles, and other geometric concepts to solve real-world problems.

Background for Success:

Students should have the ability to solve linear equations and quadratic equations, graph linear and quadratic equations, visualize objects and understand area and perimeter.



Mathematics

Honors Algebra II

Course #: 911321 / 911322

Grade(s) Offered: 9-11

Credits/Length: 1 / year

Prerequisite: Honors Geometry or Geometry and Teacher Recommendation

Course Description:

This course is for students who have a strong interest in advanced math. In Honors Algebra II, students will cover topics in greater depth and at a faster pace than Algebra II students. Students will solve a wide range of equations and inequalities algebraically and graphically, represent data and use various measures of data to draw conclusions and identify trends, write equations and graph relations, and use trigonometry to solve problems.

Background for Success:

Students should have the ability to solve multistep equations and inequalities, graph linear equations and inequalities, set up and solve word problems, and multiply and factor polynomials.



Knowledge of whole numbers and proficiency of place value, factors and multiples; ability to solve problems with percent's, ratios, order of operations and integers; understand area and perimeter.

Intermediate Algebra

Course #: 911121 / 911122

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: None

Course Description:

In Intermediate Algebra, students will work with non-linear functions and equations and data analysis and statistics.

Background for Success:

Knowledge of whole numbers and proficiency of place value, factors and multiples; ability to solve problems with percent's, ratios, order of operations and integers; understand area and perimeter.



Honors Pre-Calculus

Course #: 911421 / 911422

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Honors Algebra II or Algebra II and teacher recommendation

Course Description:

Honors Pre-Calculus offers a general review and expansion of topics from Honors Geometry and Honors Algebra II. This is also a preparatory course for AP Calculus or other college level math courses. In this course, students will cover topics in greater depth and at a faster pace than Pre-Calculus students. Students will explore all types of functions, study trigonometry to a greater depth, use math to solve application problems, and begin studying limits.

Background for Success:

Ability to simplify rational expressions, solve rational equations, and solve systems of linear and non-linear equations; represent real world problem situations and use various theorems and methods to solve polynomial equations.



Pre-Calculus

Course #: 911401 / 911402

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Algebra II

Course Description:

Pre-Calculus offers a general review and expansion of topics from Geometry and Algebra 2. This is also a preparatory course for AP Calculus or other college level math courses. In this course, students will explore all types of functions, study trigonometry to a greater depth, and use math to solve application problems.

Background for Success:

Ability to simplify rational expressions, solve rational equations, and solve systems of linear and non-linear equations; represent real world problem situations and use various theorems and methods to solve polynomial equations.



Intermediate Algebra Standard

Course #: 911103 / 911104

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisites: Recommendation based on Scantron Math scores and teacher recommendation

Course Description:

This course is team-taught based on student needs. In Algebra, students will work with non-linear functions and equations and data analysis and statistics. This course is team-taught based on student needs.

Background for Success:



Mathematics

RCC College Algebra

Course #: 911381

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: Students who have successfully completed Algebra II

Course Description:

This course covers the basics of college level algebra emphasizing understanding of the basic principles through investigation. The topics covered range from a basic algebra review to exploration of linear, quadratic, exponential and logarithmic functions along with a study of rational expressions, inverse relations, function operations, complex numbers and systems of equations.

Background for Success:

Students should be able to simplify rational expressions, solve rational equations and solve systems of linear and nonlinear equations; represent real world problem situations using variables and/or geometric models and solve polynomial equations.



Statistics and Functions

Course #: 911501/911502

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Algebra II

Course Description:

Statistics and Functions acquaints students with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include descriptive statistics, advanced probability, discrete and continuous distribution, hypothesis testing of means/proportions/variance, and linear regression.

Background for Success:

Students should be able to solve equations, inequalities and systems of equations; represent and solve real-world problems using equations/geometric diagrams.



RCC Pre-Calculus

Course #: 911431

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: Students who have successfully completed RCC College Algebra or high school Pre-Calculus.

Course Description:

This course is for students requiring further experience with advanced algebra prior to calculus. Topics include trigonometric functions and their inverses. Law of Sines, Law of Cosines, complex numbers, linear and non-linear inequalities and equations: mathematical induction, analytic trigonometry, sequences, series, higher order rational, polynomial, exponential and logarithmic functions. Optional: matrices, vectors, graphing polar equations.

Background for Success:

Students should be familiar with coordinates and graphs in the plane; slope and equations for lines; relations, functions and their graphs; geometric transformations; solving equations and inequalities algebraically and graphically; and trigonometric functions.



Media Arts

Grade	Course Number	Course Title	Prerequisite	Credit
10-12	910621/910622	Channel 4 News	None	0.5/sem
9-12	910605	Digital Media Creation	None	0.5/sem
10-12	910601	Digital Video Production I	Strong computer skills	0.5/sem
10-12	910651/910652	Technology & Innovations	None	0.5/sem
11-12	910641/910642	Yearbook	None	1.0/year

Channel 4 News

Course #: 910621 / 910622

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Students will have the opportunity to produce the Channel 4 News show and be involved in all aspects of the production. This will include filming, reporting, editing, directing, and anchoring the broadcast. Editing experience is helpful and students may be expected to film outside of class hours. Students will also learn a variety of broadcast journalism concepts throughout the semester.

Background for Success:

Students should be creative, self-directed, and able to work independently and responsibly on news packages throughout the semester. They will be responsible for all aspects of production and must meet the established broadcast deadlines.

Digital Media Creation

Course #: 910605

Grade(s): 9-12

Credits/Length: .5/semester

Prerequisite: None

Course Description:

Digital content is an integral part of our world, whether you are receiving, sharing, producing or broadcasting information. This course will focus on the use of technology for the creation of digital media with hands-on projects and real-world activities. Students will use their creativity to collaborate, design, and create original works using a variety of software. Students will learn about web design, social media design principles, audio and video editing, coding and animation, and digital content creation and how it relates to media literacy. This course is a general introduction to the larger field of digital media content creation.

Background for Success:

Students should be interested in digital content creation

and have a willingness to work independently or with others.

Digital Video Production I

Course #: 910601

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Strong computer skills

Course Description:

Students will learn how to plan, film and produce a variety of video projects throughout the semester. This will include green screen projects, how-to videos, commercials, and much more. Students will also become familiar with fair use guidelines and career opportunities in digital design. This course satisfies a .5 art credit.

Background for Success:

Students should be interested in video production and/or technology and be able to film outside of class hours. Because all work is completed in teams, the ability to work collaboratively is essential.

Technology and Innovations

Course #: 910651/910652

Grade(s): 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

This class will be a place where students will gather to design, execute, create, invent, problem solve, and discover with and without the use of Technology. Each semester students will be responsible for completing a series of projects (Badges), examples of which can include 3D Design, Coding, Soldering, Building, etc. Students in this class will also assist in managing the school's Makerspace as well as supporting AHS student and staff laptops.

Background for Success:

An interest in computer science, information technology, and design using technology. Experience with programming is not required but may be helpful. Students should be able to achieve success without programming experience.

Media Arts

Yearbook – “Austinian”

Course #: 910641 / 910642

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisites: None

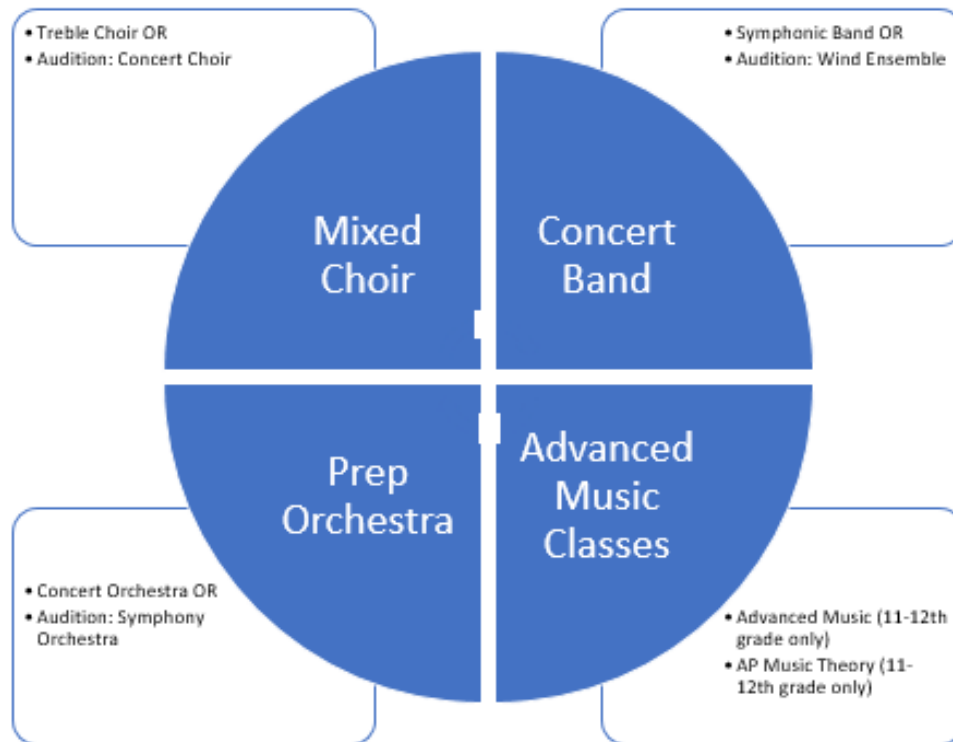
Course Description:

The Austinian Committee is responsible for preserving AHS history. Yearbook staffers will learn the principles of layout and design, research and write the yearbook, plan the various sections of the book, take photos of school activities, market and sell the product. In addition to creating the book, they will learn journalistic concepts throughout the semester.

Background for Success:

The ability to work independently, write and edit copy, take photographs outside of the school day, and adhere to a strict publication schedule are essential. Students must be self-directed and dedicated to creating a quality publication.

MUSIC COURSE PATHS



Music

Grade	Course Number	Course Title	Prerequisite	Credit
9	902121/902122	Concert Band	8th grade band or teacher approval	1.0/year
9	902301/902302	Prep Orchestra	8th grade orchestra or teacher approval	1.0/year
9-12	902201/902202	Mixed Choir	8th grade choir or teacher approval	1.0/year
10-12	902131/902132	Symphonic Band	Concert Band or teacher approval	1.0/year
10-12	902141/902142	Wind Ensemble	Audition required	1.0/year
10-12	902221/902222	Treble Choir	Mixed Choir or teacher approval	1.0/year
10-12	902241/902242	Concert Choir	Audition required	1.0/year
10-12	902321/902322	Concert Orchestra	Prep orchestra or teacher approval	1.0/year
10-12	902341/902342	Symphony Orchestra	Audition required	1.0/year
11-12	902021	History of Rock & Roll	None	0.5/Sem

AP Music Theory

Course #: 902012

Grade(s) Offered: 11-12

Credits/Length: 0.5 / semester

Prerequisite: Currently enrolled in band, choir, or orchestra

Adv. Music - Offered Semester I

AP Music Theory-Offered Semester II

Course Description:

This course will prepare students for college-level music by emphasizing advanced study of music history and theory. History topics will span from antiquity to present, including discussions of the great composers, with an emphasis on compositional technique. Musicianship will be developed through intermediate and advanced music theory lessons, ear training activities, and sight singing drills. Students will also prepare projects on topics of their choosing, such as period performance practice, composition/arranging, and the use of music notation software. Advanced Music is offered first semester, with AP Music Theory offered second semester, including AP Music Theory testing. This class is for those who want to increase their ability to sight-read and analyze sophisticated musical excerpts.

Background for Success:

Successful students will have experience in music classes playing an instrument or singing in choir. They may have a desire to pursue a career in music and a desire to understand the theory and history of music.

Concert Band

Course #: 902121 / 902122

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: 8th Grade Band or Teacher Approval

Course Description:

This is a yearlong course. It is open to all students in grades 9-12 with previous experience on a band instrument. This is a non-auditioned ensemble that gives continued emphasis to the development of musicianship and basic skills through a large and varied repertoire of appropriate band level literature. Students in Concert Band must attend regular lessons as well as participate in a minimum number of Pep Band and Marching Band activities, as described in the AHS Band Handbook. Periodically there are special events, rehearsals, or concerts during non-school hours. Participation in such activities is an essential extension of the course requirements. This course can be repeated.

Background for Success:

Students should demonstrate superior rehearsal habits, excellent breath support, clarity and consistency of tone and timbre, the ability to confidently sight read, playing in tune, and a willingness to perform and practice outside of class.

Concert Choir

Course #: 902241 / 902242

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Audition

Course Description:

Concert Choir is a year long course structured for 10th, 11th, and 12th grade students who have previous choral experience and have advanced to a higher level of performance. An audition is required to participate in Concert Choir. Students will continue to use the singing voice in a healthy and productive manner. Students will sing a variety of styles of choral music in four through eight part choir music. Students will study more advanced levels of reading and interpreting music. Students will perform in at least six concerts during the school year including Big 9 Music Festival and Graduation. Students will sing with partners and small groups in lessons and in class. Students will have an opportunity to perform in solo/ensemble contests. Students may participate in field trips to include an extended field trip every third year.

Background for Success:

Students should demonstrate intermediate level sight-singing skills, excellent self-discipline in rehearsals, good tone production and breath support. Students need to have participated in a beginning and/or intermediate level choir at AHS or an equivalent school. **Enrollment is based on Audition.**

Concert Orchestra

Course #: 902321 / 902322

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Prep Orchestra or Teacher approval

Course Description:

Concert Orchestra is a yearlong course. A high level of performance is emphasized. An advanced level of playing techniques and theory are presented. A variety of musical literature is performed. There are five required performances throughout the year including Graduation. Students will have as many as three lessons/playing tests per quarter. A trip is taken every third year.

Background for Success:

Students should demonstrate excellent rehearsal habits and etiquette. Students need to demonstrate solid skills on one's instrument. Student need to have at least 5 years of Austin Public School Orchestra experience or Director's approval to participate in Concert Orchestra.

History of Rock and Roll

Course #: 902021

Grade(s): 11-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

In the course "The History of Rock and Roll", students will learn about the history of our ever-changing American culture through the prism of the music that was created either as a reflection of our society, or, just as importantly, as a backlash to our society. Students will listen, discuss, and write about the birth, evolution, and splintering of rock music into many different genres. Students will understand its form, instrumentation, performance, message and impact on our culture.

Background for Success:

Being a fan of rock and roll.

Mixed Choir

Course #: 902201 / 902202

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Recommendation of teacher or no choir experience

Course Description:

Mixed Choir is a yearlong course structured for 9th grade students with or without choir experience or 10th, 11th and 12th grade students who have not sung in choir before. Students will learn to use the singing voice in a healthy and productive manner. Students will sing a variety of styles of choral music in three and four part music. Students will perform in at least four concerts during the school year. Students will sing with partners and small groups in lessons.

Background for Success:

Students should enjoy singing and have a desire to improve their singing as an individual and as part of the ensemble. Students should have a willingness to work on tone production, breath support and sight singing skills as a part of their experience. Past choral experience is not a requirement but is desirable.

Prep Orchestra

Course #: 902301 / 902302

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: 8th Grade Orchestra or Teacher Approval

Course Description:

Prep Orchestra is a training ensemble for Concert Orchestra and yearlong course. Fundamentals of musical literature and theory are stressed. There are five required performances throughout the year including Graduation. Opportunities for advanced players are available in Chamber Orchestra. Students will have as many as three lessons/playing tests per quarter.

Background for Success:

Students should demonstrate solid rehearsal habits and etiquette. Students need to demonstrate solid and developing skills on one's instrument. Students need to have 4 years of Austin Public School Orchestra experience or Director's approval to participate in Prep Orchestra.

Symphonic Band

Course #: 902131 / 902132

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Concert Band or teacher approval

Course Description:

This course is a yearlong course. It is a selective instrumental ensemble open to all students in grades 10-12 who meet a minimum performance requirement as determined by the director. This is an auditioned ensemble that gives continued emphasis to the development of musicianship and intermediate skills through a large and varied repertoire of appropriate band level literature. Students must attend regular lessons during the school day (or before or after school) as well as participate in a minimum number of Pep Band and Marching Band activities, as described in the AHS Band Handbook. Along with Wind Ensemble, Symphonic Band takes a major travel/performance tour every three years. Periodically there are special events, rehearsals, or concerts during non-school hours. Participation in such activities is an essential extension of the course requirements. This course can be repeated.

Background for Success:

Students should demonstrate superior rehearsal habits, excellent breath support, clarity and consistency of tone and timbre, the ability to confidently sight read, playing in tune, and a willingness to perform and practice outside of class.

Symphony Orchestra

Course #: 902341 / 902342

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Prep Orchestra or teacher approval

Course Description:

Symphony Orchestra is a yearlong course. An audition is required to participate in Symphony Orchestra. The highest level of performance is emphasized. An advanced level of playing techniques and theory are presented. A variety of musical literature is performed. Required performances include four concerts, Big 9 Music festival, and Graduation. Students will have as many as three lessons/playing tests per quarter. A trip is taken every third year.

Background for Success:

Students should demonstrate superior rehearsal habits and etiquette. Students need to demonstrate a high level of technical mastery on one's instrument to participate in Symphony Orchestra. Please contact the Director to set up an audition time.

Treble Choir

Course #: 902221 / 902222

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Mixed Choir or teacher approval

Course Description:

Treble Choir is a yearlong course structured for 10th, 11th and 12th grade girls who have previous choral experience. Students will continue to use the singing voice in a healthy and productive manner. Students will sing a variety of styles of choral music in two, three, and four part treble choir music. Students will review the basics of reading and interpreting music. Students will perform in at least four concerts during the school year. Students will sing with partners and small groups in lessons and in class. Students will have an opportunity to perform in solo/ensemble contests. Students may participate in field trips to include an extended field trip every third year.

Background for Success:

10-12 grade women should demonstrate beginning level sight-singing skills, good self-discipline in rehearsals, developing tone production and breath support. Students should have beginning level choir experience at AHS or an equivalent school, or; an audition and approval by the instructor

Wind Ensemble

Course #: 902141 / 902142

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Audition

Course Description:

This is a yearlong course. An audition is required to participate in Wind Ensemble. It is a highly-selective band open to students in grades 10-12 as determined by the director through a competitive audition process. This is an auditioned ensemble that gives continued emphasis to the development of musicianship and advanced skills through a large and varied repertoire of appropriate band level literature. Wind Ensemble represents Austin High School at the Big 9 Music Festival and, along with Symphonic Band, takes a major travel/performance tour every three years. Periodically there are special events, rehearsals, or concerts during non-school hours. Participation in such activities is an essential extension of the course requirements. This course can be repeated.

Background for Success:

Students should demonstrate superior rehearsal habits, excellent breath support, clarity and consistency of tone and timbre, the ability to confidently sight read, playing in tune, and a willingness to perform and practice outside of class.

Physical Fitness and Health

Grade	Course Number	Course Title	Prerequisite	Credit
9	908201	Foundations of Personal Fitness	None	.5/sem.
9-12	908101	Health	None	.5/sem.
10-12	908221/908222	Strength Training	Found. Of Personal Fitness	.5/sem.
10-12	908223/908224	Packer Fit Club	Found. Of Personal Fitness	.5/sem.
10-12	908225/908226	Team and Individual Sports	Found. Of Personal Fitness	.5/sem.
11-12	908211 908212	Unified Physical Education For an additional semester, also register for 908212	None	.5/sem

Foundations of Personal Fitness

Course #: 908201

Grade(s) Offered: 9

Credits/Length: 0.5 / semester

Prerequisites: None

Course Description:

Foundations of Personal Fitness creates opportunities for students to engage in physical activities. The activities include fitness activities as well as some sports as they relate to physical fitness. Students will learn how to get fit and stay fit for a lifetime. Some of the activities include weightlifting, yoga, aerobics, fitness walking, jogging, soccer, Ultimate Frisbee, floor hockey, volleyball, spikeball, team handball, pickle ball, badminton, 3 line football and various games.

Background for Success:

Students should be willing to participate in fitness activities and some team and individual sports. Students should be prepared to wear workout clothes for hygiene and safety issues.

Health

Course: 908101

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisites: None

Course Description:

This course is designed to teach beneficial knowledge and skills that encourage students to think critically about how the decisions they make will affect their lives today and in the future. Conflict resolution, goal setting, decision making, accessing information and stress management are some of the health skills taught to help students maintain and improve all aspects of their health. Students will apply these skills to identify responsible behaviors related to wellness, suicide prevention, nutrition, alcohol, drugs, tobacco, human sexuality, and other health related concepts.

Background for Success:

Students should have effective study skills and be able to manage their time effectively. They should also be willing to participate in small and large group class activities.

Packer Fitness Club

Course #: 908223

For an additional semester, also register for: **908224**

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Foundations of Personal Fitness

Course Description:

Packer Fit Club is intended for students who like more of a fitness class type of workout. Students will participate in the following activities: aerobics, step-aerobics, kick-boxing, HIIT Training, Barre, Tabata, yoga, Pilates, and muscle toning/exercises. The main focus in class will be the health related fitness components and how to achieve healthy fitness levels in all areas. Students will study fitness principles in relation to the 5 health related fitness components, learn how to use heart rate monitors, learn about nutrition, and study general human anatomy. Students will participate in 2 cardio days per week, 2 muscle toning days per week, and 1 yoga/Pilates day per week. This course can be taken more than once.

Background for Success:

Willingness to participate in daily physical activities such as yoga, Pilates, and aerobics. Students will need to change into workout clothes and shoes daily for safety.

Physical Fitness and Health

Strength Training

Course #: 908221

For an additional semester, also register for: **908222**

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisites: Foundations of Personal Fitness

Course Description:

Strength Training is for students interested in developing strength, power, endurance, flexibility, agility, and speed. Each student will work toward individual goals based on their fitness pre-test scores. Students will study general fitness, anatomy, program design, and body composition. The typical week will be 4 days in the weight room and 1 day of activities in the gym. Because this course *can be taken multiple times*, each student develops an individualized fitness program to meet their fitness. This course can be taken more than once.

Background for Success:

Students should have a desire to improve muscle strength, body composition, and over-all athleticism. Students should be prepared to wear workout clothes for hygiene and safety issues.

Unified Physical Education

Course #: 908211

For an additional semester, also register for 908212

Credits/Length: 0.5 / semester

Prerequisites: By application

Course Description:

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

Background for Success:

Willingness to work with students with different abilities. Willingness to participate in a wide variety of games, sports, activities, and fitness exercises.

Team and Individual Sports

Course #: 908225

For an additional semester, also register for: **908226**

Grades Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Foundations of Personal Fitness

Course Description:

This class is for students who want to participate in individual and team sports. This course will review fitness related concepts and sport skills learned in Foundations of Personal Fitness in addition to objectives focused on strategy based game play, rules and sportsmanship of team and individual sports. Activities may include football, ultimate Frisbee, tennis, badminton, basketball, volleyball, and team handball. This course can be taken more than once.

Background for Success:

Completion of Foundations of Personal Fitness. Willingness to participate in daily physical activity. Students will need to change into workout clothes and shoes daily for safety.

Science Course Planning

<u>9th Grade</u>	Physical Science	Physical Science	Honors Biology
<u>10th Grade</u>	Biology	Biology or Honors Biology	Chemistry or Honors Chemistry
<u>11th Grade</u>	Everyday Chemistry or Food Chemistry or Chemistry *	Food Chemistry or Chemistry * or Honors Chemistry*	Physics ** or AP Physics 1**
<u>12th Grade</u> (4th year not required)	<u>Science Electives:</u> Chemistry, Honors Chem (if ED Chem or Food Chem) Physics, Anatomy & Physiology (if Chem)	<u>Science Electives:</u> Physics, AP Physics 1, Food Chem, Honors Chem Anatomy and Physiology, AP Biology,	<u>Science Electives:</u> AP Physics 1, Food Chem, Honors Chem Anatomy and Physiology, AP Biology,

*11th grade students may double-up with another science elective
Including physics, AP Physics 1, or Anatomy & Physiology

**11th grade students may possibly double-up with Anatomy & Physiology

Science

Grade	Course Number	Course Title	Prerequisite	Credit
9	913101/913102	Physical Science	None	1.0/year
9-10	913221/913222	Honors Biology	Physical Science or Teacher Recommendation	1.0/year
10	913201/913202	Biology	Physical Science	1.0/year
10-12	913301/913302	Chemistry	Algebra II or concurrent enrollment in Algebra II with instructor approval, Biology	1.0/year
10-12	913321/913322	Honors Chemistry	Biology and Algebra II (or concurrently with Algebra II Preferred)	1.0/year
10-12	913401/913402	Physics	Algebra II or concurrent enrollment in Algebra II with instructor approval, Biology	1.0/year
10-12	913441/913442	AP Physics I	Have completed two years of science and Algebra II	1.0/year
11-12	920201/920202	Food Chemistry	Biology	1.0/year
11-12	913511/913512	Anatomy and Physiology	Biology and Chemistry (Honors level recommended)	1.0/year
11-12	913303/913304	Everyday Chemistry	Biology	1.0/year
12	913241/913242	AP Biology	Biology and Chemistry (Honors level recommended)	2.0/year

Anatomy and Physiology

Course #: 913511 / 913512

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Biology and Chemistry (Honors recommended)

Course Description:

In Anatomy and Physiology, students study the body systems through hands-on activities, laboratory work, and projects. Timely health topics are included, such as stem cells and regenerative medicine, concussions, cardiovascular disease, and diabetes. Laboratory experiences include working with anatomical models, using microscopes, studying x-rays, taking blood pressure, measuring reflexes and reaction time, testing aspects of vision, and analyzing simulated blood and urine for disease. This course serves as an excellent foundation for students considering a career in the health sciences, as well as for students planning to take AP Biology (the two courses may also be taken concurrently).



AP Biology

Course #: 913241 / 913242

Grade(s) Offered: 12

Credits/Length: 2 / year (2 hour block)

Prerequisite: Biology and Chemistry (Honors recommended)

Course Description:

AP Biology is the equivalent of a two-semester college-level introductory biology course. Topics of study include Ecology, Biochemistry & Metabolism, Cell Structure & Function, Genetics & Molecular Biology, Evolution, Cell Communication, and Food Science. The course is a two-period block to allow for off-campus work with local scientists and application of course material outside the classroom. Students spend class time actively engaged in learning activities and completing laboratory investigations. Outside of class, students read and complete text-based work, in addition to studying.

Background for Success:

A solid understanding of concepts in Chemistry and Biology.



AP Physics I

Course #: 913441 / 913442

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Have completed two years of science and Algebra II

Course Description:

This course is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound, and simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students will be eligible to take the AP Physics I exam for one semester of college credit.

Background for Success:

A strong background in math and problem-solving skills.



Everyday Chemistry

Course #: 913303 / 913304

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Biology

Course description:

Everyday Chemistry is a class that gives students a basic exposure to chemistry as it relates to everyday life. Topics will include chemical laboratory safety and procedures, general formulas and reactions, environmental chemistry and impacts, and other topics with less emphasis on the quantitative problem solving found in the general chemistry and Honors chemistry courses. will be focused on technology-rich, collaborative methods along with more traditional ones to help promote active independent learning.

Background for Success:

An understanding of basic Physical Science and Biology concepts.

Biology

Course #: 913201 / 913202

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: General Science or Physical Science

Course Description:

In Biology, students will complete laboratory activities and text work to gain a solid foundation in the basic concepts of biology, the study of life. Topics covered are the nature of science, characteristics of living things, energy cycling processes such as photosynthesis and cell respiration, cells, cell division, ecology, biochemistry, genetics, evolution, and the human body.

Background for Success:

An understanding of the basic concepts in physical science.



Food Chemistry

Course #: 920201 / 920202

Grade(s) Offered: 11-12

Credit/Length 1 / year

Prerequisite: Biology

Course Description:

Food Chemistry is an upper level course within the field of Agriculture. Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, food processing, food product development, and marketing. Research and experimental design will be highlighted as students develop and market a food product of their own creation.

Background for Success:

Students should have an interest in the food science industry and an understanding of basic science concepts.

Chemistry

Course #: 913301 / 913302

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Algebra II or concurrent enrollment in Algebra II with instructor approval, Biology

Course Description:

This course will cover traditional chemistry concepts. Topics include chemical formulas and reactions, stoichiometry, acids and bases, solutions, chemical laboratory practices and procedures. The course will include frequent mathematics problem solving. It is recommended for students who plan any further post-secondary education with science requirements.

Background for Success:

Algebra and problem solving skills.



Science

Honors Biology

Course #: 913221 / 913222

Grade(s) Offered: 9-10

Credits/Length: 1 / year

Prerequisite: Physical Science or Teacher Recommendation

Course Description:

This course is designed for students interested in having a more rigorous college-preparatory biology experience. Honors bio is a study of life, with an emphasis on biology topics at macro and micro level of organization. The concepts that are covered include ecology – abiotic and biotic factors, environmental issues, biochemistry, the cell, membranes, metabolism, enzymes, photosynthesis, respiration, molecular basis of inheritance, genetics, cell division, patterns of inheritance and evolution, genetics, bioethics, animal and plant behavior, and some human biology. All students enrolled in a biology class will take MCA with an emphasis in life science in May.

Background for Success:

A solid understanding of the basic concepts in physical science and/or science reasoning.



Honors Chemistry

Course #: 913321 / 913322

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Biology/Honors Biology, Alg II or concurrently enrolled in Alg II preferred

Course Description:

As a Honors course, this is designed for the student looking for a greater challenge and the presentation of additional material. It is expected that the student opting for this class is self-disciplined, self-directed, and motivated to learn the material both in class and as an independent learner. Topics covered include chemical formulas and reactions, stoichiometry, acids and bases, solutions, chemical laboratory practices and procedures. The course will include frequent mathematics problem solving. It is recommended for students who plan any further post-secondary education with science requirements.

Background for Success:

Strong algebra and problem solving skills.



Physical Science

Course #: 913101 / 913102

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: None

Course Description:

This physical science course includes relevant topics drawn from chemistry, physics and topics in earth and space science. Within the course, students will develop skills in problem-solving, logical reasoning and collaborative learning. Topics that are integrated throughout the course include: scientific method, atomic structure, patterns in the periodic table, chemical equations, interaction



between forces and motion, energy and its transfers, and Earth's systems within a dynamic universe.

Background for Success:

Students should be taking Inter. Algebra or Geometry and prepared to participate in class.

Physics

Course #: 913401 / 913402

Grade(s) Offered: 10-12

Credits/Length: 1 / year

Prerequisite: Algebra II or concurrent enrollment in Algebra II with instructor approval, Biology

Course Description:

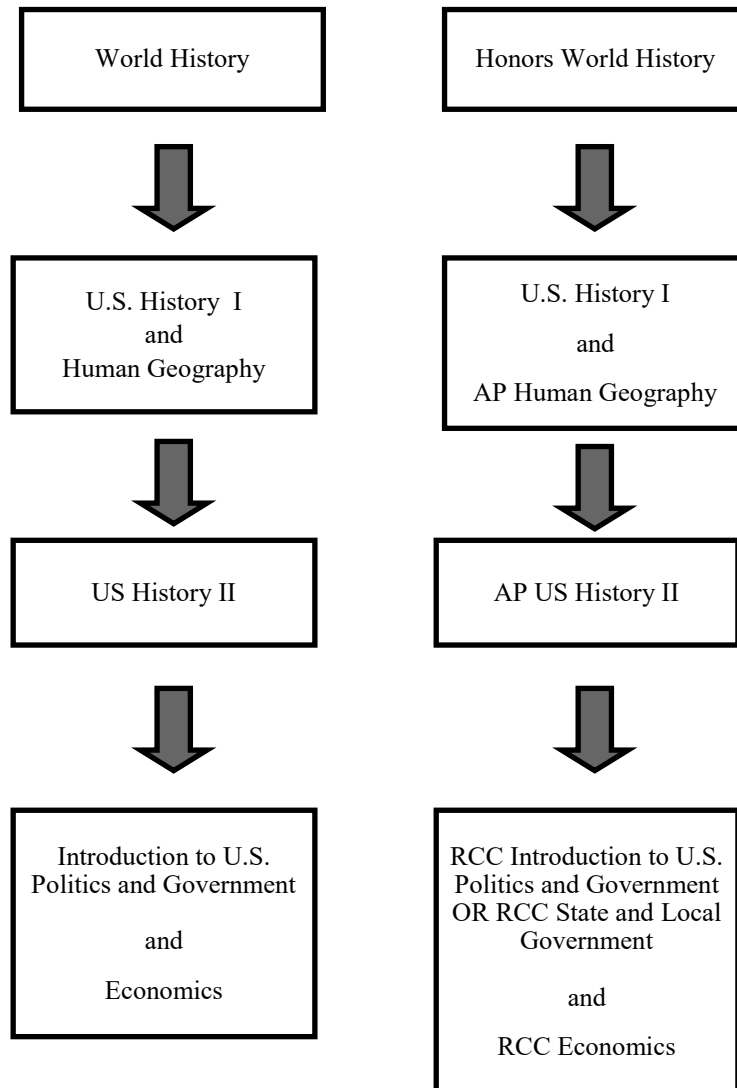
This lab centered course is designed to give both a conceptual and mathematical understanding of the world around you. Algebra and trigonometry will be used throughout this course as it explores a wide range of physics topics including Newtonian mechanics, rotational dynamics, electricity, waves and optics. The class also focuses on solving a variety of challenging problems and developing higher level analytical problem solving and lab based skills.

Background for Success:

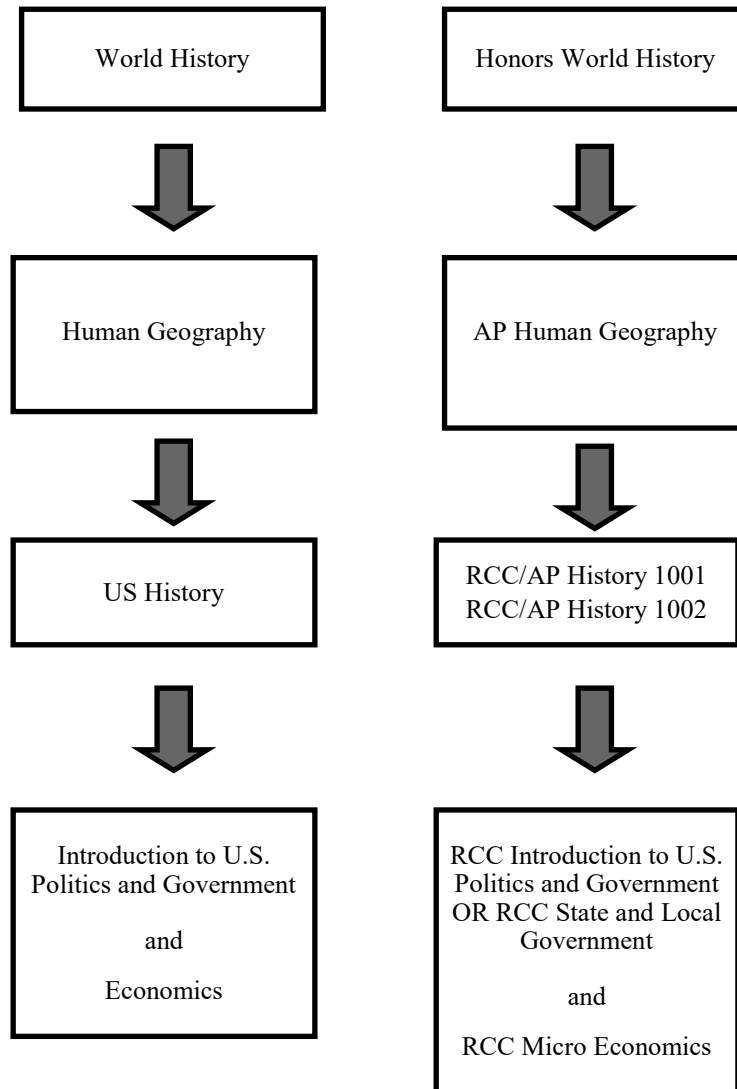
Strong algebra/Geometry and problem solving skills.



SOCIAL STUDIES COURSE PATH for the Graduating Class of 2022



SOCIAL STUDIES COURSE PATH for the Graduating Class of 2023 & After



Social Studies

Grade	Course Number	Course Title	Prerequisite	Credit
9	915203/915204	World History	None	1.0/year
9	915223/915224	Honors World History	None	1.0/year
9-12	915401	Criminal Justice	None	.5/sem.
10	915231/915232	Human Geography	World History	1.0/year
10	915241/915242	AP Human Geography	World History or Honors World History	1.0/sem.
10-12	915402	Psychology (offered 2022-23; NOT offered 2021-22)	None	.5/sem.
10-12	915403	Sociology (offered 2021-22; NOT offered 2022-23)	None	.5/sem.
10-12	915404	At Issue: Modern World Events	None	.5/sem.
10-12	915411	The World at War: A Military & Social History of WWII	None	.5/sem.
11	915141/915142	US History II (for the class of 2022)	Human Geography	1.0/year
11	919151/919152	U.S. History (for the class of 2023 & after)	Human Geography	1.0/year
11-12	915181	RCC/AP History 1001: U.S. History: Colonial Period to 1877	Human Geography or AP Human Geography	.75/sem.
11-12	915182	RCC/AP History 1002: U.S. History: 1877 to Present	Human Geography or AP Human Geography	.75/sem.
12	915301	Introduction to U.S. Politics and Government	US History I and II	.5/sem.
12	915302	Economics	US History I and II	.5/sem.
12	915321	RCC Introduction to U.S. Politics and Government	Must meet PSEO requirements	.75/sem.
12	915331	RCC State and Local Government	Must meet PSEO requirements	.75/sem.
12	915322	RCC Micro Economics	Must meet PSEO requirements	.75/sem.

AP Human Geography

Course #: 915241/915242

Grade(s) Offered: 10 (for class 2023 and after)

Credits/Length: 1.0/year

Prerequisite: World History or Honors World History

Course Description:

AP Human Geography is a two-semester course in which students will study how humans impact the physical geography of the world and how the world's geography has influenced the development of populations and their cultures. Students will study the political, cultural and economic patterns and distribution of humans on the earth's surface and discover the causes of these patterns. The class concludes with an exam, that is optional for students to take, at the end of the year prepared by the College Board, which, if passed, may result in college credit.



Background for Success:

Students should be ready to accept the challenge of an Advanced Placement course, with advanced reading and writing. They should have a basic understanding of world history and United States history as well as basic map reading skills. Students should be advanced readers and writers, committed to hard work and able to analyze geographic information.

Social Studies

At Issue: Modern World Events

Course #: 915404

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

At Issue: Modern World Events is a one-semester elective course. This course is designed to examine current issues in the world. Students will examine modern issues and events, explain the history behind the modern issues and events, and predict how these issues and events may impact the future. Students will be expected to discuss and debate current topics, complete projects and assignments, and work independently and in groups. Students may take this course more than once as the course content changes due to current events.

Background for Success:

Students should have background knowledge of world history and geography. Students should be willing to participate in class discussions and debates. Students should be able to process information and provide an analysis, argument and/or viewpoint in oral and written formats.

Criminal Justice

Course #: 915401

Grade(s) Offered: 9-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

The Criminal Justice course is a one-semester elective course that offers a general survey of the American Criminal Justice System. Students will examine the history, function, and organization of crime, the police, the courts, and corrections. Students will be expected to discuss and debate topics in criminal justice, complete projects and assignments, and work independently and in groups.

Background for Success:

Students should be able to process information and provide an analysis, argument and/or viewpoint in oral and written formats.

Economics

Course #: 915302

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: U.S. History I & II

Course Description:

Economics is a one-semester course which reviews the basic principles and methods of economics. These prin-

ciples & methods are then applied to the micro-economy, the macro-economy and the global economy.

In addition, personal finance issues are addressed.

Background for Success:

Students should understand that the United States' economy is a mixed economy (with public and private ownership of businesses.) Students should have a basic knowledge of markets (meeting places of buyers and sellers) and the concept of supply and demand.

Honors World History

Course #: 915223 / 915224

Grade(s) Offered: 9

Credits/Length: 1.0 / year

Prerequisite: None

Course Description:

Honors World History is a two-semester course that offers a survey of the world history from a global perspective not just the Western perspective. The course will emphasize the historical processes and connections that impact human societies around the world as well as the changes (environmental, social, scientific and political) that occur within societies as they develop. This course also focuses on the interactions civilizations of the world have with each other and the impacts these interactions have had. This course will focus on 5 Historical Thinking Skills and 3 Reasoning Processes (Comparison, Causation, and Continuity and Change) which will provide students with the framework for understanding world history. Students will learn to analyze primary and secondary documents to create their own interpretations of world events and their connections to world history (past and present). Extensive reading, writing and study skills useful in college will be emphasized. Students have the option to take the AP World History exam, which is a college level exam at the end of the year created by the College Board, which if passed, may result in college credit.

Background for Success:

Students should have a basic knowledge of World Geography. Students should be able to identify the difference between primary and secondary sources. Students should be advanced readers and writers, committed to hard work (both in class and out of class) and able to analyze and interpret historical documents. Students should have good study and organization skills and the ability to articulate their thoughts, both in class discussions and through written responses.



Social Studies

Human Geography

Course #: 915231/915232

Grade(s) Offered: 10 (class of 2023 and after)

Credits/Length: 1.0 / year

Prerequisite: World History or World History



Honors

Course Description:

Human Geography is a two-semester course in which students will study how humans impact the physical geography of the world and how the world's physical geography has influenced the development of human populations and their cultures. Students will study the political, cultural and economic patterns and distribution of humans on the earth's surface and discover the causes of these patterns. Students will demonstrate their understanding of geographic concepts through a variety of project-based assessments.

Background for Success:

Students should have a basic knowledge of world geography and world history. Students should also have basic map reading skills and analysis skills.

Introduction to U.S. Politics and Government

Course #: 915301

Grade(s) Offered: 12

Credits/Length: 0.5 / semester

Prerequisite: US History I & II

Course Description:

Introduction to U.S. Politics and Government, a one-semester course, is a study of the United States national government and all its aspects with special emphasis placed on constitutional theory, major governmental institutions, and the national political culture and practice.

This study will be cover Constitutional Underpinnings of United States Government; Political Beliefs and Political Behaviors; Political Parties; Institutions of National Government; Public Policy; Civil Rights and Civil Liberties.

Background for Success:

Students should have basic knowledge of United States governmental institutions and procedures (e.g., Congress, President, Courts, elections, etc.) Students should also have basic knowledge of the historical foundations of the United States of America.

Psychology (Offered 2022-23; Not offered 2021-2022)

Course #: 915402

Grade(s) Offered: 11-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Psychology is a one-semester elective course that offers students with the opportunity to learn about themselves



and human behavior by seeking answers to all sorts of questions including how we think, feel, learn and act. Students will be able to investigate a variety of questions that explain why people do what they do. Students will study behavioral psychology, the developing person, sensation and perception, states of consciousness, learning and intelligence, motivation and emotion, psychological disorders and stress and health.

Background for Success:

Students should be able to process information and provide an analysis, argument and/or viewpoint in oral and written formats.

RCC/AP History 1001: US History: Colonial Period to 1877

Course #: 915181

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: Human Geography or AP Human Geography. Must meet PSEO Requirements.

Course Description:

This course is a concurrent 3 credit one semester course that examines U.S. History from pre-contact pre-contact through the Civil War era. It covers the genesis of American culture, society and politics in the colonial period to the Revolution. It also includes the study of the early national period to the post-Civil War years.

Background for Success:

Students should be ready to accept the challenge of a college course. Students should be advanced readers and writers and able to analyze and interpret historical documents. The students should meet PSEO requirements.

RCC/AP History 1002: US History: 1877 to Present

Course #: 915182

Grade(s): 11-12

Credits/Length: .75/semester

Prerequisite: Human Geography or AP Human Geography. Must meet PSEO Requirements.

Course Description:

This course is a concurrent 3 credit one semester course that examines U.S. history from the Civil War era through the present. It emphasizes the settlement of the West, industrialism, the rise of the United States to world power, and the post-World War II gender, racial and class revolutions, which helped move the American reality closer to the American ideal.

Background for Success:

Students should be ready to accept the challenge of a college course. Students should be advanced readers and writers and able to analyze and interpret historical documents. The students should meet PSEO requirements.



Social Studies

RCC Introduction to U.S. Politics and Government

Course #: 915321

Grade(s) Offered: 12

Credit/Length: 0.75 / semester

Prerequisite: Student must meet PSEO requirements



Course Description:

RCC/AP Introduction to U.S. Politics and Government, a concurrent three-credit one-semester course, is a study of the United States national government and all its aspects with special emphasis placed on constitutional theory, major governmental institutions and the national political culture and practice. MnTC (Goals 5/SS and 9/EC). Students have the option to take the AP American Government test, which is a college level exam at the end of the year created by the College Board, which, if passed, may result in college credit. Concurrent Enrollment = High School and College credit!!!

Background for Success:

Students should be ready to accept the challenge of a College course. Students should be advanced readers and writers and able to analyze and interpret historical documents.

RCC Micro Economics

Course #: 915322

Grade(s) Offered: 12

Credit/Length: 0.75 / semester

Prerequisite: Student must meet PSEO requirements

Course Description:

RCC Micro Economics, a concurrent three-credit one-semester course. This course is an analysis of current United States and world policies, issues and problems using some basic principles of economics with special emphasis on decision making by individuals and firms. MnTC (Goals 5/SS and 8/GP). In addition, this course includes units on personal finance and global food markets, with an opportunity for students to compete in the Minnesota State Personal Finance Decathlon and the Global Food Challenge Scholarship, the latter paying cash to winning students. This course provides students with an opportunity to create a video and enter their creations in a scholarship video contest. Students have the option to take the AP Microeconomics exam, which is a college level exam at the end of the year created by the College Board, which, if passed, may result in college credit.



Background for Success:

Students should understand that the United States' economy is a mixed economy (with public and private ownership of businesses.) Students should have a basic knowledge of markets (meeting places of buyers and sellers) and the concept of supply and demand. Students should be ready to accept the challenge of a college course. Students should be able to read at a college level.

RCC State and Local Government

Course #: 915331

Grade Offered: 12

Credits/Length: 0.75/semester

Prerequisite: Must meet PSEO requirements

Course Description:

This course, a concurrent three-credit one semester course, is a study of the principal concepts, process, and institutions of state and local governments of the United States. Special emphasis will be placed on Minnesota government. This is a course that would be good for students that want to work in the public sector. The course will discuss the role of Federalism as it relates to the state and local governments. This course meets the standards for government at both Austin High School and Riverland Community College.

Background for Success:

Students should be ready to accept the challenge of a college course. Students should be advanced readers and writers and able to analyze and interpret historical documents.



Social Studies

Sociology (Offered 2021-22; NOT offered 2022-23)

Course #: 915403

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: None

Course Description:

Sociology is a one-semester elective course which provides students with the opportunity to investigate the following questions: Why do people commit crimes? What causes poverty? What are the effects of racism? Why is something that is “normal” in one culture taboo in another culture? Sociology is the study of society. It is the science of trying to understand how social factors influence our individual choices, perspectives, and relationships. This course will start by laying a foundation of the basics of sociology, culture, and socialization; while the second half of the course will focus on applying that knowledge to specific issues such as race, gender, religion, social class, and deviance. By the end of this course you should walk away with a new way of viewing the world, social structure, and your place in society.

Background for Success:

Students should be able to process information and provide an analysis, argument and/or viewpoint in oral and written formats.



The World at War

Course #: 915411

Grade(s) Offered: 10-12

Credits/Length: 0.5/semester

Prerequisite: None

Course Description:

The World At War: A Military and Social History of WW II is a one semester elective course that offers an exploration of the causes of World War II, World War II dictators like Hitler, Stalin and Mussolini, major battles of the war, U.S. involvement in the war, the Holocaust, the cultural impact of affected countries and global alliances put in place at the end of the war. Students will have the opportunity to examine primary documents like photos, letters, speeches, film, eyewitness testimony, etc., participate in activities and immerse themselves in a wide variety of materials. This course will allow students to have a deep understanding of the most dramatic event in the history of the world, where over 50 million people died, and the world was changed forever.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.

US History (Used for the graduating class of 2023 & after)

Course #: 919151/919152

Grade Offered: 11

Credits/Length: 1 / year

Prerequisite: US History I and Human Geography

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from the 15th Century to the present. The students will identify the major themes in United States history and explain their importance at each stage in the development of the United States. The students will gain a sense of understanding of experiences and influences that have helped shape the United States, its development of democratic principles and its role in the global community socially, economically, and politically.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.



US History II (Only for the class of 2022)

Course #: 915141 / 915142

Grade(s) Offered: 11

Credits/Length: 1 / year

Prerequisite: US History I and Human Geography

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from Reconstruction to the present. The students will identify the major themes in United States history and explain their importance at each stage in the development of the United States. The students will gain a sense of understanding of experiences and influences that have helped shape the United States, its development of democratic principles and its role in the global community socially, economically, and politically.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.



World History

Course #: 915203 / 915204

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: None

Course Description:

World History is a two-semester course that offers a survey of the world history from a global perspective not just the Western perspective. The course will emphasize the historical processes and connections that impact human societies around the world as well as the changes (environmental, social, scientific and political) that occur within societies as they develop. This course also focuses on the interactions civilizations of the world have with each other and the impacts these interactions have had. This course will focus on two key historical concepts - periodization and change over time - which will provide students with the framework for understanding world history. Students will learn about historical events, facts, people, etc. and will learn how to access the significance of this information. Students will analyze primary documents and learn how to analyze the documents to create their own interpretations of world events and their connections to world history (past and present).

Background for Success:

Students should have a basic knowledge of World geography. Students should be able to explain the difference between primary and secondary sources.



Special Education Course Rotation Schedule

	2021-22 (A courses)	2022-23 (B courses)	2023-24 (C courses)	2024-2025 (D courses)
Function Language Arts	Focus: Reading fluency	Focus: Reading proficiency in real world text	Focus: Reading comprehension strategies	Focus: Vocabulary development, figurative language
Functional Mathematics	Focus: Numbers/Operations	Focus: Measurement	Focus: Algebra Concepts	Focus: Geometry Concepts
Functional Science	Focus: Physical Science	Focus: Biology/Life Science	Focus: Physical Science	Focus: Biology/Life Science
Functional Social Studies	Focus: World History	Focus: Human Geography	Focus: US History	Focus: Am. Government/Economics
Essentials Language Arts 9-12	9th grade text and materials	10th grade text and materials	Am. Literature text and materials	Modern Lit/World Literature
Horizons Setting 3 Science	Everyday Chemistry	Everyday Chemistry	Physical Science	Biology
Horizons Setting 3 Social Studies	Human Geography	US History	American Government and Economics	World History

Special Education

Grade	Course Number	Course Title	Prerequisite	Credit
Language Arts				
9	919201/919202	Skills Language Arts 9 Standard	IEP team recommendation	1.0/year
9-12	919101/919102	Essentials of Language Arts 9-12	IEP team recommendation	1.0/year
9-12	919111/919112	Essentials of Reading Comprehension (2 hour block)	IEP team recommendation	2.0/year
10	919211/919212	Skills Language Arts 10 Standard	IEP team recommendation	1.0/year
11	919213/919214	Skills Language Arts 11 Standard	IEP team recommendation	1.0/year
12	919215/919216	Skill Language Arts 12 Standard	IEP team recommendation	1.0/year
Mathematics				
9-12	919121/919122	Essentials of Consumer Math	IEP team recommendation	1.0/year
9-12	919123/919124	Essentials of Algebra I	IEP team recommendation	1.0/year
9-12	919223/919224	Skills Intermediate Algebra T	IEP team recommendation	1.0/year
10-12	919127/919128	Essentials of Algebra II	IEP team recommendation	1.0/year
10-12	919125/919126	Essentials of Geometry	IEP team recommendation	1.0/year
PE. & Health				
9-12	908211 908212	Unified Physical Education (if taken more than once)	IEP team recommendation and teacher approval	0.5/sem.
Science				
9	919241/919242	Skills Physical Science	IEP team recommendation	1.0/year
9-12	919141/919142	Essentials of Physical Science (Horizon's)	IEP team recommendation	1.0/year
9-12	919143/919144	Essentials of Biology (Horizon's)	IEP team recommendation	1.0/year
9-12	919147/919148	Essentials of Everyday Chemistry (Horizon's)	IEP team recommendation	1.0/year
10	919243/919244	Skills Biology	IEP team recommendation	1.0/year
11-12	919247/919248	Skills Everyday Chemistry	IEP team recommendation	1.0/year
Social Studies				
9	919269/91970	Skills World History	IEP team recommendation	1.0/year
9-12	919171/919172	Essentials of Human Geography (Horizon's)	IEP team recommendation	1.0/sem.
9-12	919168	Essentials of Economics (Horizon's)	IEP team recommendation	0.5/sem.
9-12	919167	Essentials of American Government	IEP team recommendation	0.5/sem.
9-12	919155/919156	Essentials of US History (Horizon's)	IEP team recommendation	1.0/year
9-12	919169/919170	Essentials of World History	IEP team recommendation	1.0/year

Special Education

Grade	Course Number	Course Title	Prerequisite	Credit
10-12	919271/919272	Skills Human Geography	IEP team recommendation	1.0/year
11-12	919255/919256	Skills United States History	IEP team recommendation	1.0/ year
12	919268	Skills Economics	IEP team recommendation	.5 / year
12	919267	Skills Introduction to U.S. Politics and Government	IEP team recommendation	.5 / year
Transition and Work				
9-12	919177/919178	Essentials of Interpersonal Communications	IEP team recommendation	1.0/year
9-12	919175/919176	Essentials Executive Functioning	IEP team recommendation	1.0/year
9-12	919489/919490	Essentials of Skills Training (Horizon's)	IEP team recommendation	1.0/year
9-12	919471/919472	Transitional Life Skills	IEP team recommendation	1.0/year
10-12	919193/919194	Essentials of Job Skills– PAES Lab (2 hour block)	IEP team recommendation	2.0/year
10-12	919195/919196	Essentials of Job Skills-Community Experience (Can be multiple hours)	IEP team recommendation	1-2/year
12	919481/919482	Austin Transition Program (4 hour block)	IEP team recommendations	4.0/year

The courses offered through the Special Education Department seek to meet student need through two models. First, we offer resource room classes (Essentials and/or Functional) which provide students with small class sizes and specific instruction working toward the goals on their Individual Education Plan (IEP). Secondly, we support students within the general education classes through a co-teaching model (Skills). In this setting, a special education teacher and general education teacher are

teaching the course and/or making accommodations and modifications according to IEPs.

Special Education

Austin Transition Program (ATP)

Course #: 919381 / 919382

Grade(s) Offered: 18-21 years

Credits/Length: 4/ year

Prerequisite: Entrance determined by IEP team, need to meet criteria on Transition Checklist and apply

Course Description:

Students in the ATP will work or volunteer in community or in school for a portion of their day while the other part of the day the students will learn about community events, volunteer opportunities, participate in various job site visits/tours, continue to review/learn: budgeting, career planning, resume writing, cover letters, etc. through the use of technology and authentic projects. They will also continue to learn and improve social skills and independent living skills. This course is held off-campus.

Background for Success:

Students need to be verbal, able to carry on a conversation, access the community with minimal assistance, follow set expectations or instructions, and continues to have unmet transition goals. Students also need to be able to manage and cope with their own behavior and emotional difficulties so it does not interfere with their own or others learning.

Essentials of Algebra I

Course #: 919123 / 919124

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

Students will work on MN algebra standards such as, simplifying expressions, solving and graphing equations and inequalities, applying properties of exponents, adding, subtracting, multiplying, and factoring polynomials, and solving and graphing quadratics.

Background for Success:

Students need to have fluency in basic math facts, can follow multi-step procedures, such as simplifying expressions, using order of operations, have been exposed to combining like terms and distribution, can solve 1-step equations and have a need for a slower paced classroom instruction.

Essentials of Algebra II

Course #: 919127 / 919128

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team, Essentials of Algebra I Concepts

Course Description:

Students will solve a wide range of multi-step equations and inequalities algebraically and graphically, write and graph a variety of functions on a higher level.

Background for Success:

Students need to be able to follow a multi-step procedure to solve a math problem, solve 1 and 2-step equations, graph points on a quadrant plane, graph lines, and know

how to simplify expressions by combining like terms, distributing and using order of operations. Students must have a need for slower paced classroom instruction. It is recommended that students pass Essentials Algebra I Concepts with a C or better.

Essentials of Biology (Horizon's Only)

Course #: 919143 / 919144

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

Students in Essentials of Biology will cover topics including characteristics of living things, cells, genetics, biological change over time, the human body, and ecology.

Background for Success:

Students should have a basic understanding of science concepts. Students should also be able to look up and apply information and a basic understanding of scientific method and graph reading. They should have an ability to interact with their peers and complete simplistic lab activities while following instructed safety procedures. Students should be able to follow 2-3 step directions.

Essentials of Consumer Math

Course #: 919121 / 919122

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description: Students will work on basic math skills in the following areas: Calculator Use, Earning Money, Buying Food, Shopping for Clothes, Managing a Household, Buying and Maintaining a Car, Working with Food, Improving a Home, Traveling, Budgeting Your Money, Banking and Investing, Paying Taxes, and Preparing for Careers. They will learn pre-algebra skills.

Background for Success:

Students should be able to add, subtract, multiply, and divide single-digit numbers with or without the use of a calculator and have the ability to understand higher order thinking.

Essentials of Economics (Horizon's Only)

Course #: 919168

Grade(s) offered: 12

Credits/Length: 0.5 / semester

Prerequisite: Entrance determined by IEP team

Course Description:

This course will review the basic principles and methods of economics including, but not limited to, stocks and bonds, as well as personal finance.

Background for Success:

Students will need a basic understanding of money and money exchange. Students must have a need for slower paced classroom instruction.

Special Education

Essentials of Everyday Chemistry (Horizons Only)

Course #: 919147 / 919148

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team, Biology course

Course Description:

This course will teach chemistry as it relates to everyday life. Topics will include: lab safety, organic chemistry, biochemistry, environmental chemistry, and industrial chemistry. It will cover the standards required for the course but in a format that meets the individual needs of the students.

Background for Success:

Students should have a basic understanding of their own environmental impact, the effects of population on the environment, renewable and non-renewable resources and basic chemical processes. Students should be able to follow 2-3 step directions.

Essentials of Executive Functioning

Course #: 919175/919176

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team. Course Description:

Students will be taught the executive functioning skills they need to be successful in high. This will include, but is not limited to, self-advocacy, self-awareness, self-determination, time management, planning, prioritizing, organizing class materials, homework completion, goal setting, self-monitoring skills, study skills, and note taking skills.

Background for Success:

Must have an IEP goal based on executive functioning or study skills.

Essentials of Geometry

Course #: 919125 / 919126

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Need to have taken Ess Algebra 1 Concepts

Course Description:

Students will work on MN geometry standards such as identifying and naming points, lines, planes, angles, angle relationships, determining congruency and triangular relationships. They will also identify and name polygons, parallelograms, understand ratios and proportions, and determine relationships in circles.

Background for Success:

Students should be able to solve a multi-step equations, know basic arithmetic and show fluency in applying skills to word problems. Students must have a need for slower paced classroom instruction.

Essentials of Human Geography (Horizon's Only)

Course #: 919171/919172

Grade(s) Offered: 9-12

Credits/Length: 1.0/year

Prerequisite: Entrance determined by IEP team.

Course Description:

Human Geography is a two-semester course in which students will study how humans impact the physical geography of the world and how the world's physical geography has influenced the development of human populations and their cultures. Students will study the political, cultural and economic patterns and distribution of humans on the earth's surface and discover the causes of these patterns. Students will demonstrate their understanding of geographic concepts through a variety of project-based assessments.

Background for Success:

Students should have a basic knowledge of world geography and world history. Students should also have basic map reading skills and analysis skills.

Essentials of Interpersonal Communications

Course #: 919177/919178

Grade(s) Offered: 9-12

Credits/Length: 1/year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is designed for the student who will benefit from developing self-advocacy and personal communication skills. Throughout the semester self-advocacy skills and positive social interaction skills will be taught through class discussions, videos, book studies, and social thinking worksheets. Students will track their social skills goals and self-advocacy goals to increase their ability to positively communicate with their teachers, staff, and peers.

Background for Success:

Students must have an IEP goal based on self-advocacy, interpersonal communication and social skills.

Essentials Introduction to U.S. Politics and Government

Course #: 919167

Grade(s) offered: 12

Credits/Length: 0.5 / semester

Prerequisite: Entrance determined by IEP team

Course Description:

This course will study the basics of United States national government in all of its aspects. Emphasis will be placed on the goals of government, the Declaration of Independence, the Constitution, major governmental institutions, and the national political culture and practice.

Background for Success:

Students will have a basic understanding of US History and the government. Students must have a need for slower paced classroom instruction.

Special Education

Essentials Job Skills-Phase PAES LAB (2 hour block)

Course #: 919193 / 919194

Grade(s) Offered: 10-12

Credits/Length: 2 / year

Prerequisite: Entrance determined by IEP team and conference with work-based **learning** coordinator.

Course Description:

Students spend time in the PAES (Practical Assessment Exploration System) Lab in the On-Track site at 302 Main Street N. This is a 2-hour session where students walk to the location and engage in a simulated work environment, engage in career assessment and interest exploration. Five career areas are explored, entry level job skills are employed, and students learn about a timecard and paychecks as part of the simulated activities.

Background for Success:

Student may need proximal supervision and cuing but is able to follow 3-4 written or verbal directions, maintain a workspace, work towards independence, accept supervision and act responsibly while out in the community.

Essentials of Job Skills-Community Experience (Can be taken multiple hours)

Course #: 919195 / 919196

Grade(s) Offered: **10-12**

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team; work readiness to function successfully in a community establishment, attendance must be greater than 90%, must have social security card and state I.D. or driver's license and pass safety test.

Course Description:

Students will work with community-based resources as a volunteer or in a community job (with a job coach, if needed) a minimum of 10 hours per week that is based on student employment interests and needs. Students work with a **work-based learning coordinator and job coach**. This course can be taken multiple times and over multiple class hours.

Background for Success:

Student has completed the PAES Lab or has independently developed skills necessary to work in the community in a volunteer or paid environment.

Essentials of Language Arts 9-12

Course #: 919101 / 919102

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

Essentials of Language Arts 9-12 students will work on the MN common core language arts standards such as developing reading, writing, and communication skills, expanding vocabulary and knowledge of grammar and

punctuation, reading strategies for a variety of different texts, writing a variety of essays, paragraphs, poetry, etc.

Background for Success:

Students should be able to write complete sentences that can be worked into understandable paragraphs with assistance as needed and read for understanding. Students should be able to read independently for ten minutes. Students should be able to independently use a computer and work semi-independently to complete assignments. Students in this class should be in a general education social studies class, not team taught, unless their reading skills are below a third grade level.

Essentials of Physical Science (Horizon's)

Course #: 919141/919142

Grade(s) Offered: 9-12

Credits/Length: 1/year

Prerequisite: None

Course Description:

This physical science course includes relevant topics drawn from chemistry, physics and topics in earth and space science. Within the course, students will develop skills in problem-solving, logical reasoning and collaborative learning. Topics that are integrated throughout the course include: scientific method, atomic structure, patterns in the periodic table, chemical equations, interaction between forces and motion, energy and its transfers, and Earth's systems within a dynamic universe.

Background for Success:

Students have a basic understanding of scientific principles and safe lab technique, as well as basic math skills. Students must be able to work independently with minimal assistance.

Essentials of Reading Comprehension (2 hour block)

Course #: 919111 / 919112

Grade(s) Offered: 9-12

Credits/Length: 2 / year

Prerequisite: Entrance determined by IEP team

Course Description:

In Essentials of Reading Comprehension students will work on increasing the grade level reading skills they currently have by working on comprehension, grammar, spelling, writing, and independent reading skills. This course can serve as Language Arts credit, replacing Essentials of Language Arts or a mainstream course.

Background for Success:

Students enrolled in this class are below grade level in reading to a point that it is affecting their ability to be successful in other classes. Students should be able to write complete simple sentences. They should be able to read independently for understanding with assistance. They should be able to independently use a computer, use a headset/microphone, and work semi-independently within a small group setting.

Special Education

Essentials of US History (Horizon's Only)

Course #: 919155/919156

Grade(s) Offered: 9-12

Credits/Length: 0.5 / year

Prerequisite: US History I and Human Geography

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from the 15th Century to the present. The students will identify the major themes in United States history and explain their importance at each stage in the development of the United States. The students will gain a sense of understanding of experiences and influences that have helped shape the United States, its development of democratic principles and its role in the global community socially, economically, and politically.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.

Essentials US History II (Horizons Only)

Course #: 919169 / 919170

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from 1848-present day. The students will identify the major themes in United States history and explain their importance at each stage in development of the United States.

Background for Success:

Students show a need for a slower-paced presentation of materials and a smaller environment that targets essential outcomes.

Essentials of World History (Horizons Only)

Course #: 919169 / 919170

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is general survey of World History from ancient times to modern times. The students will study events, people and ideas of the past and be able to explain the impact they had on shaping the world they live in today.

Background for Success:

Students show a need for a slower-paced presentation of materials and a smaller environment that targets essential outcomes.

Skills Biology

Course #: 919243 / 919244

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and a general education teacher. For the course description please see the Biology description in the Science section of the Course Registration Guide.

Background for Success:

Students need an understanding of scientific principles and safe lab technique. Students must be able to work independently with minimal assistance. Students will gain a foundation in basic concepts of Biology.

Skills Economics

Course #: 919268

Grade(s) Offered: 12

Credits/Length: 0.5/semester

Course Description:

Economics is a one-semester course which reviews the basic principles and methods of economics. These principles & methods are then applied to supply, demand, markets, and the economy. A unit on personal finance is included.

Background for Success:

Students should have a basic knowledge of wants, needs, goods, services, cost/benefit analysis, trade-off, supply and demand, markets, and personal finance.

Special Education

Skills Human Geography

Course #: 919271/919272

Grade(s) Offered: 10-12

Credits/Length: 1.0 / year

Prerequisite: Entrance determined by IEP team

Course Description:

Human Geography is a two-semester course in which students will study how humans impact the physical geography of the world and how the world's physical geography has influenced the development of human populations and their cultures. Students will study the political, cultural and economic patterns and distribution of humans on the earth's surface and discover the causes of these patterns. Students will demonstrate their understanding of geographic concepts through a variety of project-based assessments.

Background for Success:

Students should have a basic knowledge of world geography and world history. Students should also have basic map reading skills and analysis skills.

Skills Introduction to U.S. Politics and Government

Course #: 919267

Grades(s) Offered: 12

Prerequisite: None

Course Description:

American Government, a one-semester course, is a study of the United States national government and all its aspects with special emphasis placed on the Origins of American Government, The Declaration of Independence; The Constitution, Political Parties; Voter Rights; 3 Branches of Government involving: Congress, The Presidency, and The Federal Court System; Civil Rights and Civil Liberties.

Background for Success:

Students should have basic knowledge of United States governmental institutions and procedures (e.g., Congress, President, Courts, elections, etc.) Students should also have basic knowledge of the historical foundations of the United States of America.

Skills Intermediate Algebra T

Course #: 919223 / 919224

Grade(s) Offered: 9-10

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the Interme-

diate Algebra T description in the Math section of the Course Registration Guide.

Background for Success:

Student must have a knowledge of basic operations and able to understand math vocabulary. They need to know how to solve multi-step equations and graph linear equations. They must know how to use a calculator effectively and can work independently with some assistance.

Skills Language Arts 9 Standard

Course #: 919201 / 919202

Grade(s) Offered: 9

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the Language Arts 9T description in the Language Arts section of the Course Registration Guide.

Background for Success:

Students should be able to write complete sentences, understandable paragraphs, and independently read for understanding. Students should be able to read at a fifth grade level or alone for a minimum of 10 minutes. Students in this class should be enrolled in a general education social studies class, not a team taught setting. Students should be able to read sustained for a minimum of 10 minutes.

Skills Everyday Chemistry

Course #: 919247 / 919248

Grade(s) Offered: 11-12

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and general education teacher. For the course description please see the Everyday Chemistry description in the Science section.

Background for Success:

Students should have a basic understanding of the scientific method and science concepts. Students must be able to work independently. Students will be gain a basic exposure as it relates to everyday applications.

Special Education

Skills Language Arts 10 Standard

Course #: 919211 / 919212

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the Language Arts 10T description in the Language Arts section of the Course Registration Guide.

Background for Success:

Students should be able to write complete sentences, understandable paragraphs, and independently read for understanding.

Skills Language Arts 11 Standard:

Course #: 919213/919214

Grade(s) Offered: 11

Credits/Length: 1/year

Prerequisite: Entrance Determined by IEP Team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the Language Arts 10 S description in the Course Registration Guide.

Background for Success:

Students should be able to write complete sentences, understandable paragraphs, and independently read for understanding. Students should be able to read sustained for a minimum of 10 minutes.

Skills Language Arts 12 Standard:

Course #: 919215/919216

Grade(s) Offered: 12

Credits/Length: 1/year

Prerequisite: Entrance Determined by IEP Team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the Language Arts 12 S description in the Course Registration Guide.

Background for Success:

Students should be able to write complete sentences, understandable paragraphs, and independently read for understanding. Students should be able to read sustained for a minimum of 10 minutes.

Skills Physical Science

Course #: 919241/919242

Grade(s) Offered: 9

Credits/Length: 1/year

Prerequisite: None

Course Description:

This physical science course includes relevant topics drawn from chemistry, physics and topics in earth and space science. Within the course, students will develop skills in problem-solving, logical reasoning and collaborative learning. Topics that are integrated throughout the course include: scientific method, atomic structure, patterns in the periodic table, chemical equations, interaction between forces and motion, energy and its transfers, and Earth's systems within a dynamic universe.

Background for Success:

Students have a basic understanding of scientific principles and safe lab technique, as well as basic math skills. Students must be able to work independently with minimal assistance.

Skills US History II

Course #: 919263 / 919264

Grade(s) Offered: 10

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education teacher and a general education teacher in the regular education setting. For the course description please see the US History II description in the Social Studies section of the Course Registration Guide.

Background for Success:

Students need to be able to take notes, read from the textbook, complete individual and group projects that involve technology, use higher order thinking skills to analyze, interpret, and reflect on content. Students need to be able to keep up with the pace of a general education class with some assistance and visual supports.

Special Education

Skills US History (Used for the graduating class of 2023 & after)

Course #: 919255/919256

Grade(s) Offered: 11

Credits/Length: 1 / year

Prerequisite: Entrance determined by IEP team

Course Description:

United States History II is a two-semester course that offers a general survey of United States history from the 15th Century to the present. The students will identify the major themes in United States history and explain their importance at each stage in the development of the United States. The students will gain a sense of understanding of experiences and influences that have helped shape the United States, its development of democratic principles and its role in the global community socially, economically, and politically.

Background for Success:

Students should have a basic knowledge of United States history and be able to explain the difference between primary and secondary sources.

Skills World History

Course #: 919269 / 919270

Grade(s) Offered: 9

Credits/Length: 1/year

Prerequisite: Entrance determined by IEP team

Course Description:

This course is co-taught with a special education and general education teacher in the general education setting. World History offers a general survey of World History from ancient times to modern times. The students will study events, people and ideas of the past and be able to explain the impact they had on shaping the world they live in today.

Background for Success:

Students should read and comprehend at a 7th grade or higher level. Students should be able to work independently with some assistance.

Transitional Life Skills (Functional)

Course #: 919471/919479

Grade(s) Offered: 9-12

Credits/Length: 1/year

Prerequisite: Entrance determined by IEP team

Course Description:

Students will work through a continuum of functional math skills (numbers, operation, measurement, geometry, money, time, calendar), functional language arts (vocabulary, comprehension, writing fundamentals and elements) and transition skills (home living, community

participation, work/post-secondary, recreation. Leisure, health, nutrition and sex education). Students will get hands-on experience and will have the opportunity to apply their skills in real life situations.

Background for success:

In order to be successful in this class, students should have up to fourth grade math skills, up to second grade reading and writing skills and a need for further instruction on daily living and job skills in order for them to be prepared for life after high school. In addition, students who benefit from a smaller, slower paced class are appropriate for this class.

Unified Physical Education

Course #: 908211

908212 (if taken more than once)

Credits/Length: 0.5 / semester

Prerequisites: Entrance determined by IEP team

Course Description:

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

Background for Success:

Willingness to work with students with different abilities. Willingness to participate in a wide variety of games, sports, activities, and fitness exercises.

World Language

Grade	Course Number	Course Title	Prerequisite - For all upper level courses a D or higher in both semesters of previous level of course	Credit
9-12	906101/906102	French I	None	1.0/year
9-12	906201/906202	Spanish I	None	1.0/year
9-12	906221/906222	Spanish II	Spanish I	1.0/year
9-12	906291/906292	Heritage Spanish I	Assessment and teacher recommendation	1.0/year
9-12	906293/906294	Heritage Spanish II	Assessment and teacher recommendation	1.0/year
9-12	906301/906302	AP Spanish Language & Culture	Heritage Spanish I, Heritage Spanish II and/or placement testing	1.0/year
9-12	906121/906122	French II	French I	1.0/year
9-12	906241/906242	Spanish III	Spanish II	1.0/year
9-12	906141/906142	French III	French II or teacher approval	1.0/year
9-12	906161/906162	French IV	French III or teacher approval	1.0/year
9-12	906261/906262	Spanish IV	Spanish III or teacher approval	1.0/year
9-12	906281/906282	Spanish V	Spanish IV or teacher approval	1.0/year

World Language plays a unique role in international education in response to increased global interdependence. The demands of present-day living, the need for multilingual personnel in government and business, the growing number of travelers who wish to communicate with ease in a world language, the satisfaction of achieving a personal goal; all these factors emphasize the value of world language study. Many colleges and universities require world language study for entrance and/or exit. Students are often able to receive credit at these institutions depending on their placement exam scores. Students are encouraged to check the world language requirements of the colleges and universities that they are interested in attending. It is recommended that college bound students include three or more years of high school study of one world language. However, all students can benefit from the knowledge of another language in their careers and personal lives. Current job applications often ask for the number of languages that one speaks. Language study is an excellent way to prepare oneself for the future.

A note on prerequisites: In order to ensure success in the next year of study, successful completion of a level of language study is defined as earning a D (63%) or higher

in both semesters. If you earn less than this, you may need to meet with your teacher to get approval.

AHS language students may be eligible to:

- take the Riverland Community College Spanish tests for up to 6 college credits
- apply for future scholarships and study abroad opportunities
- take the trip abroad that happens every two years enjoy field trips to the MN zoo, bilingual plays, musicals, and global food markets & festivals
- spend a weekend immersed in language & culture at the Concordia Language Villages
- taste foods from other cultures and learn about them
- sing songs and watch movies in another language and learn about the artists
- enjoy acquiring a second, or maybe a third, language in many fun ways

World Language

French I

Course #: 906101 / 906102

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: None

Course Description:

Students in this course will practice listening, reading, speaking, and writing in French with an emphasis on communication in real-life situations. They will study a variety of topics with a focus on high-frequency vocabulary. Students will develop proficiency with the present tense, pronunciation, and basic French grammar rules. Students will also become familiar with different French-speaking cultures through the study of geography, food, music, traditions, and celebrations.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class.



French II

Course #: 906121 / 906122

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: French I or teacher recommendation

Course Description:

Students in this course will continue listening, reading, speaking, and writing in French with an emphasis on communication in real-life situations. They will study a greater variety of topics, but continue to focus on high-frequency vocabulary. Students will continue to increase proficiency in using the language. Students will become familiar with more French-speaking cultures through the study of geography, food, music, traditions, and celebrations.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class.



French III

Course #: 906141 / 906142

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: French II or teacher recommendation

Course Description:

Students in this course will continue to develop the skills acquired in previous years of study and broaden their range of vocabulary. Students will continue to increase proficiency in using the language. Students will explore cultural topics and compare cultural similarities and differences. Topics of study include France's unique contributions and diversity of regions.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.



French IV

Course #: 906161 / 906162

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: French III or teacher recommendation

Course Description:

Students will increase their range of vocabulary, complete their study of basic grammar of the French language and review difficult structures. Students will explore cultural traditions through the use of realia including films, legends, poetry, newspapers, and magazine articles.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.



Spanish I

Course #: 906201 / 906202

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: None

Course Description:

Students in this course will practice listening, reading, speaking, and writing in Spanish with an emphasis on communication in real-life situations. They will study a variety of topics with a focus on high-frequency vocabulary. Students will develop proficiency with the present tense, pronunciation, and number/gender agreement. Students will also become familiar with different Spanish-speaking cultures through the study of geography, food, music, traditions, and celebrations.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class.



World Language

Spanish II

Course #: 906221 / 906222

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Spanish I or teacher recommendation

Course Description:

Students in this course will continue listening, reading, speaking, and writing in Spanish with an emphasis on communication in real-life situations. They will study a greater variety of topics, but continue to focus on high-frequency vocabulary. Students will continue to increase proficiency in using the present tense and be introduced to past tense, present progressive, and informal commands. Students will become familiar with more Spanish-speaking cultures through the study of geography, food, music, traditions, and celebrations.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class.



Spanish III

Course #: 906241 / 906242

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Spanish II or teacher recommendation

Course Description:

Students in this course will continue to develop the skills acquired in previous years of study and broaden their range of vocabulary. Students will explore cultural topics and compare cultural similarities and differences. Topics of study include famous Spanish and Latino artists, indigenous Latin American tribes, popular contemporary musicians, and Spanish speaking countries. Students will narrate scenarios, read short passages and news articles in Spanish, study song lyrics and read a novel & participate in a literary circle, conducted in Spanish. Grammar foci at the 3rd level include the present indicative, preterit, imperfect, past perfect, present progressive, immediate future, and future tenses.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class.



Spanish IV

Course #: 906261 / 906262

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Spanish III or teacher recommendation

Course Description:

Students will review previously introduced materials, working toward further proficiency and mastery. Students will explore cultural traditions through the use of realia including films, legends, poetry, newspapers, and magazine articles. Students will apply grammar knowledge across tenses using familiar verbs and vocabulary.



Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.

Heritage Spanish I

Course #: 906291 / 906292

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Spanish oral proficiency, placement testing

Course Description:

Students will develop proficiency in reading and writing in the Spanish language. Students will build vocabulary recognition and usage, develop spelling, reading comprehension, and grammatical usage skills in Spanish, as well as expose students to academic and non-academic readings in Spanish. This course is designed for native/heritage speakers of Spanish who already have language proficiency.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.



Heritage Spanish II

Course #: 906293 / 906294

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Native Spanish speaker, Spanish for Native Speakers I, and/or placement testing or teacher recommendation.

Course Description:

In this course students will develop, maintain, and enhance proficiency in Spanish. They will learn to think critically and to express themselves through academic writing and learn writing and study strategies that can be applied to any subject area and language. They will gain a better understanding of the nature of language, discover their own voice through examination of literature and film, and gain awareness of the many cultures of the Spanish-speaking world. This course is designed specifically for native/heritage speakers of Spanish or those who already have oral language proficiency.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.



World Language

AP Spanish Language & Culture

Course #: 906301/906302

Grade(s) Offered: 9-12

Credits/Length: 1 / year

Prerequisites: Heritage Spanish 1, Heritage Spanish 2
and/or placement testing

Course Description:

In Advanced Placement Spanish Language and Culture, students will have the opportunity to continue developing their language skills and improving their proficiency in academic language in the three modes of communication: Interpretive, Interpersonal and Presentational. Students will also gain awareness of the many cultures of the Spanish speaking world, as well as the varying access through the examination of literature, films, podcasts, newspapers and other authentic resources.

Background for Success:

Students should have good daily study skills and the desire to fully participate in class and the ability to work independently.



Additional Electives

Austin REACH

Course #: 989221 / 989222

Grade(s) Offered: 9-12

Credits/Length: 0.5/Semester

Prerequisite: Must complete an application which can be obtained in the counseling office.

Course Description:

This class is designed to provide support for students with academic, social, and/or emotional needs. Students set school and personal goals weekly, engage in team or skill building activities, and are held accountable for academic success.

AVID 9, 10, 11, 12

Course #:

9th grade—989223 / 989224

10th grade-989225/989226

11th grade-989227/989228

12th grade-989229/989230

Grade(s) Offered: 9-10

Credits/Length: 0.5 / semester

Prerequisite: Application and interview

Course Description:

Advancement Via Individual Determination (AVID) is a college readiness system designed to increase learning and performance. Students learn organizational and study skills, critical thinking and develop skills to ask probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college attainable. Students should also be enrolled in an AP/Honors course while taking AVID.

Independent Study

Course #: 989201 / 989202

Grade(s) Offered: 10-12

Credits/Length: 0.5 / semester

Prerequisite: Teacher approval

Course Description:

Students will design a course proposal with the instructor using the Independent Study Application. This is only reserved for exceptional cases and must have a schedule conflict or offer extended opportunities in a content area that are not currently available in the student's schedule.

PSEO (Post Secondary Enrollment Option)

Course #: 999500

Grade(s) Offered: 11-12

Credits/Length: 0 / semester (credit earned through the college)

Prerequisite: Acceptance into a post-secondary institution

Course Description:

Students are expected to be attending classes at a post-secondary institution during this time. They need to provide proof of enrollment in a college before the schedule will be changed to reflect enrollment in this course.

Student Aide

Course #: 989203 / 989204

Grade(s) Offered: 12

Credits/Length: 0 / semester

Prerequisite: Must be a senior

Course Description:

Students will assist teachers and office personnel in completing various tasks. Students must seek approval from the teacher they wish to student aide with before registering for this course and fill out an application available through the counseling office. No credit is offered.

Study Hall

Course #: 989205 / 989206

Grade(s) Offered: 9-12

Credits/Length: 0 / semester

Prerequisite: None

Course Description:

Students are expected to use this time in a quiet study environment to work on their course work. The supervising teacher will be available to assist with checking student portal for grade and assignment completion information, as well as some academic support, if needed. No credit is offered.