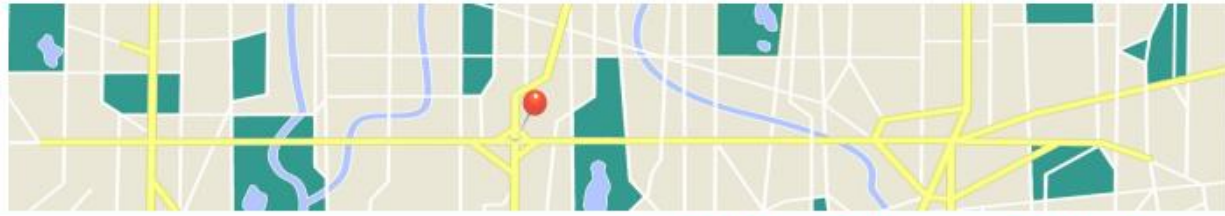




High School Enrollment Guide 2024-2025

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Individual Plans of Study: An Overview for Families

Dear Students and Parents,

We invite students and parents to be a part of the student's journey to future success by participating in the design of their **Individualized Plan of Study (IPS)**.

USD 305 high schools utilize a program called Xello to help students, parents, and counselors organize students' interests, achievements, and future goals. **Xello, or the IPS, is also used to help plan what courses students will take during high school.**

- Xello for Parents (1-2 minute video): <https://youtu.be/-lIVj0MRSDk>

No matter what the final destination of success looks like, every student will need a plan. With the support of school staff and the parent/guardian, students have many important decisions to make before, during, and after high school. We encourage our students to engage in purposeful exploration and career planning when creating a flexible plan for future success.

- **Individual Plans of Study Destinations:** Items to consider when planning for future success:

<https://docs.google.com/document/d/1kscKxPHdACAH2cqHQNmFy-FQ8Clvx4Te/edit>

- **Student's Xello (IPS) Account:** Students can login to Xello using this link:

<https://login.xello.world/>

- **Kansas Dept. of Education and IPS Info:**

https://www.ksde.org/Portals/0/CSAS/CSAS%20Home/Plan_Of_Study/Family%20IPS%20Resource.pdf?ver=2016-09-15-160508-253

SUPPORT:

If you need additional support, please call Dr. Curtis Stevens, Director of Secondary Education Programs, at 785-309-4739, or email him at Curtis.Stevens@usd305.com.

RESIDENCY REQUIREMENTS FOR A DIPLOMA

Exiting Students: Those transferring out of the district during the senior year must have attended high school within the district for a minimum of four semesters in grades 10-11-12 to be eligible for a USD 305 diploma.

HEALTH EXAMINATION

Students are required to present a completed health examination form upon enrollment in the ninth grade. Physical examination forms are available at the school offices and should be completed and returned to the school at the time of enrollment.

All students new to Kansas schools are required to present a completed health examination form and immunization form at the time of enrollment.

TITLE IX REQUIREMENTS

Discrimination against any student on the basis of race, color, national origin, sex, disability, or religion in the admission or access to, or treatment in the district's programs and activities is prohibited.

All inquiries regarding Title IX regulations or compliance with the Civil Rights Act provisions of 1964 should be directed to the Director of Administrative and Student Support Services, 309-4726.

Inquiries regarding Section 504 regulations for the handicapped should be directed to the Human Resources Director, 309-4726.

CLASS RANKS

All students are ranked with peers of their current grade level at the close of each semester. Class ranks are calculated and locked in January and June. Late grade changes made after the ranks are locked in will affect the student's weighted or unweighted GPA, but they **will not** change the student's rank until class ranks are re-run at the end of the next semester.

GRADING SYSTEM AND GRADE POINT AVERAGES

The grading system for Salina High Schools are as follows:

A=90-100 B=80-89 C=70-79 D=60-69 F=BELOW 60

The *unweighted* grading scale is:

A=4.00 B=3.00 C=2.00 D=1.00 F= 0.00

The *weighted* grading scale is:

A=5.00 B=4.00 C=3.00 D=2.00 F=0.00

ELIGIBILITY

Eligibility for Activities

Academic requirements to be eligible for any interscholastic activities sponsored by the Kansas State High School Activities Association are as follows:

- The student shall have passed at least five new subjects (those not previously passed), of unit weight, or its equivalency, the previous semester or the last semester of attendance. Summer school credits do not apply. Late grade changes made after the submission of the state eligibility report that result in a student passing a class for the semester **will not** change the student's reported eligibility status.
- The student shall be enrolled in and attending a minimum of five new subjects (four new subjects if taking an extended study class), of unit weight, or its equivalency, during the present semester.

USD 305 Policy requires that a student be passing in five new subjects of unit weight on a bi-weekly basis in order to be eligible for participation in activities.

NOTE: A student assistant position is a non-credit enrollment and consequently does not count as "passing a subject of unit weight." Because of the specific nature of requirements under the NCAA bylaw 5-1-(j), each student is advised to consult with his/her counselor for details regarding core classes, GPA, ACT and SAT requirements. **This should be discussed when he/she is a freshman in high school and considered when developing the student's Individual Plan of Study (IPS) and in each review of the (IPS).**

CLASS CHANGES/DROPS AND TRANSFERS

Prior to the last day of school, students may alter pre-enrollment for the next year upon student, parent, teacher, or counselor initiative. During the first week of the school year (or semester for a semester class) counselor and parent approval is required for class changes and transfers. During the same time period changes to advanced and AP courses will require administrative approval. No record of said drop or transfer shall be made on the student transcript.

After the first week of classes, a student may drop a class or transfer to another class only after there has been counselor and administrative consultation with the teacher and parent/guardian with the final decision made by an administrator. After the second week of classes, an administrator may approve a drop or transfer provided extenuating circumstances exist. Should a drop request be approved after the first week of classes, the drop shall be recorded on the student's permanent transcript with the class name and either WP (Withdrawn Passing) or WF (Withdrawn Failing).

A grade of "F" will be recorded on the student's transcript and will be calculated into the student's GPA for any class dropped after the beginning of the second or fourth quarter.

GRADUATION REQUIREMENTS

Each student will be a successful high school graduate with the direction, skills and grit for postsecondary success. Students will need 24 credits to graduate.

Students in the graduating classes of (2024, 2025, 2026, and 2027) are required to meet the following requirements: English 4, Oral Comm., .5, Math 3, Social Science 3, Science 3, Health/PE 1.5, Computer, Fine Arts 1, Financial Literacy .5, plus 6.5 units of electives. Students, in cooperation with their counselor, are responsible for completing these requirements.

Beginning with the Class of 2028 and subsequent classes, students are required to meet the following new requirements: English 4, Oral Comm., .5, Math 3, Social Science 3, Science 3, Health/PE 1.5, **STEM 1**, Fine Arts 1, Financial Literacy .5, **plus 6.5 units of electives of which 4.5 of those credits align with the student's Individual Plan of Study or IPS.** Students are also required to achieve two post-secondary assets. See page. Students, in cooperation with their counselor, are responsible for completing these requirements.

A transfer student entering USD 305 must attend high school in the district for the entire second semester of his/her senior year to be eligible for a diploma.

Students who transfer out of district during their senior year and who wish to be eligible for a USD 305 diploma must have attended high school in USD 305 for a minimum of four semesters in grades 10-11-12 and must complete the USD 305 required course of study and credit requirement within that same transfer year.

Enrollment in correspondence courses for high school credit requires approval in advance from the building principal. Correspondence courses will not be accepted as substitutes for required courses for graduation. Only correspondence credit will be accepted from schools and institutions approved by the State Board of Education. Students may apply for permission to enroll in an on-line course for credit. Applications for the next academic year will be submitted to the principal no later than April 20. The student and the student's parents shall be informed of the administrator's decision in writing no later than June 1.

Students may not enroll in an on-line course as an alternative to any course offered by the high school except (1) as an attempt to earn credit for a class already attempted but failed or (2) as an attempt to complete a course of study during a suspension or expulsion (3) if the course has been approved by USD 305 Board of Education through a dual credit partnership.

Student Class Loads

1. Students will be required to enroll in a full schedule.
2. Exceptions to a full schedule are described under Extended Study, Early Graduation and/or Flex Schedule.

EARLY GRADUATION

Students who have an updated Individual Plan of Study (IPS) and complete all state and local graduation requirements may request permission to graduate early. Students must submit an application by **December 1** of their junior year and must have attended USD 305 the two semesters prior to the semester of application, unless a waiver is granted by the principal. The student and parents shall consult with the student's counselor to develop a plan and for more detailed information regarding the BOE policy.

FLEX SCHEDULE GUIDELINES

Seniors who are on schedule to graduate in eight semesters may apply no later than **March 16** of their junior year (unless a waiver is granted by the principal) for permission to attend school part-time (flex schedule) the second semester of their senior year. All completed applications with student and parental signatures shall be submitted to the counselor and will be reviewed by the administration and the counselor. Successful applicants are expected to have an updated Individual Plan of Study and be in good standing with the school. A meeting shall be held which shall include parent(s) or guardian(s), the principal or designee, and the student. If approved, the application shall be signed by all involved parties and filed in the student's permanent file.

Seniors who attend part-time second semester are to be in the building only during class, meeting with a teacher, or during lunch block. Seniors attending part-time during second semester shall be allowed to participate in senior class activities and must be passing at least five new subjects of unit weight or they will not be eligible for KSHSAA activities.

EXTENDED STUDY

The building principal may approve exceptions to the class load requirements for 11th and 12th grade students who apply for enrollment in college courses. Any junior or senior requesting to enroll in college classes must be on track to graduate with his/her cohort class and have an updated Individual Plan of Study.

Any student enrolling in college courses does so with the understanding that hard conflicts are inherent and will require the student to make difficult choices when it comes to his/her schedule.

USD 305 GRADUATION REQUIREMENTS

The following are the requirements to obtain a high school diploma.

****Highlighted below are the New Graduation Requirements Beginning with Class of 2028**

	<u>Number of Credits</u>	<u>Courses which will meet requirement</u>
ENGLISH	4	English 1 (1), English 1 Adv. (1), English 2 (1), English 2 Adv. (1), English 3 (1), English 3 Adv. (1), American Studies (1), English 4 (1), English 4 HCC/KSU (1), AP Language & Composition (1), AP Literature & Composition (1)
SOCIAL SCIENCE -to include 1 credit in World History -to include 1 credit in American History -to include .5 credit in American Government -to include .5 credit in Economics -(equivalent to Social Studies 1-4 at South High School)	3	World History (1), American History (1), Constitution (.5), Economics (.5), Social Studies 1 (.5), Social Studies 2 (1), Social Studies 3 (1), American Studies (1), Social Studies 4 (.5), AP World History (1), AP American History (1), AP Macroeconomics (.5), AP U.S. Government & Politics (.5), KSU Macroeconomics (.5), KSU Microeconomics (.5)
MATHEMATICS	3	Algebra 1 (1), Geometry (1), Algebra/Geometry (1), Transition Algebra (1), Algebra 2 (1), Algebra 2/Trigonometry (1), SATC College Algebra (1), KSU College Algebra (.5), Financial Math (1), Pre-Calculus/Trigonometry (1), KSU Plane Trigonometry (.5), KSU Analytic Geometry & Calculus (1), KSU General Calculus & Linear Algebra (1), AP Calculus (1), AP Statistics (1)
NATURAL SCIENCE -to include 1 credit in Earth & Space Science -to include 1 credit in Biology	3	Earth & Space Science (1), Biology 1 (1), KSU Biology w/lab (1), Physical Science (1), Chemistry (1), KSU Chemistry w/lab (1), AP Biology (1), Physics (1), KSU Physics w/lab (1), Human Anatomy & Physiology (1), Essentials of Human Anatomy & Physiology (1), AP Chemistry (1), AP Physics 1 (1), AP Physics 2 (1)
PHYSICAL EDUCATION -to include .5 credit in PE 1	1	PE 1 (.5), PE 2 (.5), Conditioning (1), Personal Fitness (1)
HEALTH	.5	Health (.5)
ORAL COMMUNICATIONS	.5	Speech (.5), KSU Speech (.5), Debate (.5), Forensics (.5)
COMPUTER or STEM (Beginning w/Class of 2028)	1	Computer Applications 1 (.5), Computer Applications 2 (.5), KSU Computer Applications 2 (.5), Computer Programming (.5), Graphic Design 2-D (.5), Web Page Design (.5), Graphic Design Digital (.5), Interactive Media (.5), Audio Video Production Fundamentals (.5), Audio Video Production Advanced (1.0), Newspaper (1.0), Digital Media Production (1.0)
FINE ARTS	1	Any/All Visual Arts (1), Any/All Music (1), Any/All Theatre (1), Elements of Acting (.5), Adv. Forensics (.5)
BUSINESS	.5	Financial Literacy (.5) (Must Pass to Graduate)
ELECTIVES	6.5	4.5 Credits Must Align w/IPS (Beginning w/Class of 2028)
TOTAL CREDITS REQUIRED	24	2 Post Secondary Assets (Beginning w/Class of 2028)

POSTSECONDARY ASSET GRADUATION REQUIREMENT (BEGINNING with CLASS of 2028)

New State Requirement Beginning with the Class of 2028: Students are required to meet **two** or more postsecondary assets **from either** the academic or career and real world categories. The selected assets must align with the student's Individual Plan of Study or IPS.

ACADEMIC CATEGORY	CAREER & REAL WORLD CATEGORY
<ul style="list-style-type: none"> *9+ College Hours *Completing Kansas Scholars Curriculum *State Assessment Scores of 3 or 4 for Math, ELA, and Science, (Demonstrating College Readiness) *Advanced Placement Exam (3+) *WorkKey Levels (Silver or Higher) *ACT Composite (Score of 21 or Higher) *SAT Score (1200 or Higher) *ASVAB per Requirements of Military Branch 	<ul style="list-style-type: none"> *Two or More High School Athletics/Activities *40 or more Community Service Hours *90% Attendance in High School *Client-Centered Projects *Youth Apprenticeships *Workplace Learning Experience Directly Related to a Student's IPS *Senior Project or Senior Exit Interview *CTE Scholar *Seal of Bi-literacy *Industry-Recognized Certification *Eagle Scout or Gold Scout *4-H Kansas Key Award

****It is crucial for students and guardians to work with your high school counselor in ensure your student has achieved two or more postsecondary assets listed above.**

Verification: The following will require the student and guardian to produce documentation to the student's counselor in order to be verified:

9+ College Hours (Not taken for concurrent or dual credit)

40 or more Community Service Hours (Conducted Outside of School)

Client-Centered Projects (Conducted Outside of School)

Workplace Learning Experience Directly Related to a Student's IPS (Conducted Outside of School)

Eagle Scout or Gold Scout

4-H Kansas Key Award.

GRADING SYSTEM AND ELIGIBILITY

Class Ranks

All students are ranked with peers of their current grade level at the close of each semester. Class ranks are calculated and locked in January and June. Late grade changes made after the ranks are locked in will affect the student's weighted or unweighted GPA, but they **will not** change the student's rank until class ranks are re-run at the end of the next semester.

Grading System

The grading system for the Salina High Schools is as follows:

A	90-100	4 grade points	D	60-69	1 grade point
B	80-89	3 grade points	F	Below 60	0 grade points
C	70-79	2 grade points			

Your Grade Point Average

Figuring your grade point average: The grade point average (GPA) represents the average number of grade points a student earns for each graded high school course. To calculate your GPA, use the formula below.

Take the # of grades and multiply that number times the grade point value.

Your grades	Grade pt value	Total
# of A's <u>3</u>	X <u>4</u> =	<u>12</u>
# of B's <u>3</u>	X <u>3</u> =	<u>9</u>
# of C's <u>1</u>	X <u>2</u> =	<u>2</u>
# of D's <u>1</u>	X <u>1</u> =	<u>1</u>

Total (8) (24)

Add your grade points 24 **Total grade points**

Divide the # of grade points by the total # of grades

Total # of grade points 24 / **divided by # of grades** 8 = **3.0 GPA**

Weighted Grades

Weighted grades are used in the computation of grade point averages which determine class rank.

Our weighted class rankings are based on Advanced Placement (AP) classes. Therefore, all students who take all AP classes (and receive A grades) may tie for the first place ranking at the end of their senior year.

Other factors affecting class rank include non-credit classes like extended study or student assistant placements, as well as a student's total number of credits – including classes taken at the middle school for high school credit.

The weighted grade points will apply to AP classes as follows:

A = 5 points	C = 3 points
B = 4 points	D = 2 points

Why is my Grade Point Average Important?

Although there are always exceptions, many times your grade point average (GPA) reflects how seriously you have taken your high school courses. Your GPA is often a reflection of your study habits and dedication. It is important to try to earn the highest GPA possible throughout your four years of school. This cumulative GPA will be used by colleges, universities, technical schools and even employers for a variety of reasons.

- **Admission Requirements** – A good high school GPA could help you get admitted to your school of choice. Post-secondary institutions have found that a student's high school GPA is a very good predictor of college success. For this reason, many institutions require that students enter their university with a qualifying GPA. If a student applies with a GPA that does not qualify for admission, that student may be admitted on a probationary basis or sometimes not at all.
- **Scholarships** - Another important reason to maintain a solid GPA is that many grant and scholarship organizations require a "B" average or higher when considering applicants. If your cumulative GPA falls below this range (3.0 or below) you will find that scholarship and/or award monies will be difficult to obtain.
- **Resumes** - The average company receives numerous resumes for every one job opening it posts. With that kind of competition, it is important that your resume reflect your abilities and skills. A strong GPA will not only show employers your dedication and commitment to learning, but it will also be measurable evidence of subject mastery and proven academic achievement overtime.

Remember, whether you have plans to pursue a professional/technical career or plan to land a winning job immediately after graduation, a strong GPA will help equip you for success.

TEXTBOOK RENTAL - FEES



Upon enrollment, each student will pay a chromebook and/or textbook rental fee, which will entitle him/her to use the appropriate books from the current textbook list. The fee also provides the student with basic supply items used in various courses.

Enrollment in some courses require additional fees. Courses requiring approved additional fees are listed in the chart on the last page of this document.

Required student purchases of supplementary books, workbooks, lab manuals, periodicals, or the collection of special fees from students is prohibited without prior administrative approval. Rental fees are reviewed on an annual basis and are subject to change at the discretion of the district. The schedule of rental fees will be prorated by quarters of the school year, both for payment and for early withdrawal refunds. Students must return all rental textbooks to the teachers upon withdrawal or at the end of the school term.

COLLEGE AND CAREER READINESS TESTING

Preparatory College Testing

PRE-ACT is a 9th grade multiple-choice assessment. The results help predict performance on the ACT test, PreACT simulates the ACT testing experience within a shorter test window on all four ACT test subjects: English (30 minutes), math (40 minutes), reading (30 minutes), and science (30 minutes).

www.act.org/preact

The PSAT or the Preliminary SAT provides practice for the SAT Reasoning Test. Students should take this test in the fall of their junior year. This test measures skills in critical reading, math problem solving, and writing. It is used to offer feedback on strengths and weaknesses of skills necessary for college.

The PSAT is also connected with the National Merit Scholarship Corporation (NMSC) and the National Achievement Scholarship Program.

The National Merit Program is open to all students who meet entry requirements. You must score at the stated cut off on the PSAT in order to be considered. Students who qualify for recognition in the National Merit Program are notified through their schools in September.

The National Achievement Scholarship Program is an academic competition in which only black American high school students participate. Students must register for this program by marking Section 14 of the PSAT/NMSQT Answer Sheet. Students who qualify for recognition in the National Achievement Scholarship program are notified through their schools in September.

The most common reason students take the PSAT is

- To receive feedback on your strengths and weaknesses on skills necessary for college study. You can then focus your preparation on those areas that could most benefit from additional study or practice.
- To see how your performance on an admissions test might compare with that of others applying to college.
- To help prepare for the SAT. You can become familiar with the kinds of questions and the exact directions you will see on the SAT.

www.collegeboard.com

The American College Test (ACT) assesses skill level mastery in English, Math, Reading Comprehension, and Science. Test scores weigh heavily in many admission and scholarship decisions. ACT scores along with high school grades, class rank, high school activities, and community service are the main information colleges use to identify students who would best benefit from their programs. They also use the information for class placements and scholarships.

It is vital to understand the ACT test and how this will affect your future. In order to plan for your future, you must value personal success. It is never too soon to start exploring your options.

It is important to start taking the ACT early. It is a good idea to start your sophomore year in order to get a feel for the layout and format of the test. Before you take the test, it is vital that you read about the test and do a practice test to find out where your weaknesses are and what areas might cause you trouble. Then take some time to focus on those areas so that you are ready to take the test.

You may take the ACT test as many times as you want (and if you take it as a sophomore it would be wise to take it a time or two again.) The more you learn in school, the more knowledge you will have to improve your ACT scores.

College Readiness

ACT has identified the minimum score needed on each ACT test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding first-year college course.

<u>ACT Test</u>	<u>ACT Benchmark Score</u>	<u>College Course</u>
English	18	English Composition 1
Math	22	College Algebra
Reading	22	Social Sciences
Science	23	Biology
STEM	26	STEM
ELA	20	English Composition 1

~ Source: www.act.org 2022

*** To increase your college readiness, consider taking additional rigorous coursework before you enter college. When you meet with your counselor to plan your high school curriculum, select courses that are appropriate for your Individual Plan of Study (IPS). **It is important that you take 4 years of MATH AND SCIENCE in order to ensure success.**

****NEW: Superscoring** is now being allowed by many colleges. Superscoring is the process of averaging your best subject scores from all of your ACT test attempts. ACT will now provide an automatically calculated ACT Superscore to all students who have taken the ACT more than once from September 2016 to current day. If you have taken the ACT more than once – here is how to find your superscore:

Step 1: Gather all of your ACT score reports.

Step 2: Fill out a table with your test dates and corresponding scores from all of your ACT tests so you can easily compare subject scores.

TEST DATE	ENGLISH SCORE	MATH SCORE	READING SCORE	SCIENCE SCORE	COMPOSITE SCORE
APRIL	19	20	23	21	21
JUNE	22	22	20	22	22
SEPTEMBER	20	23	21	21	21

Step 3: Identify your best score in each subject by circling the highest number in each column.

TEST DATE	BEST ENGLISH SCORE	BEST MATH SCORE	BEST READING SCORE	BEST SCIENCE SCORE	SUPERSCORE
COMBINED	22	23	23	22	23

Step 4: Calculate the average by adding those four scores together, dividing by four, and rounding to the nearest whole number.

*Add the four scores together: $22 + 23 + 23 + 22 = 90$

*Divide the sum of the four scores by 4: $90 \div 4 = 22.5$

*Round to nearest whole number: 23

Your ACT Superscore would be **23**.

The Scholastic Aptitude Test (SAT) is a measure of the critical thinking skills students need for academic success in college. This test assesses how well students solve problems, a skill needed in college. The SAT is a standardized measure of your college readiness.

Colleges use your scores to compare you with other students who took the test. The SAT is only a part of what colleges will look at for admissions. They also consider your high school record, extracurricular activities, essays, and recommendations.

Not all schools require the SAT. Therefore, it is important that you begin researching schools that are of interest in your sophomore and junior years. This will give you time to research if it is necessary to actually take this test. Generally, colleges on the East and West Coasts require the SAT, while most colleges in the Midwest will accept the ACT.

It is important to begin the SAT testing process in your junior year. This will give you time to retake the test if you need to. You may take this test as many times as you want in order to improve your scores.

The SAT scores are reported on a scale of 200 to 800. Your score tells colleges how you compare to other students who took this test. For example, if you scored close to the mean or average - about 500 on SAT critical reading and 500 on SAT mathematics - admissions staff would know that you scored as well as about half of the students who took the test nationally.

Average Scores for the Reasoning Test in 2022 were:

- Evidence-Based Reading and Writing: 529
- Mathematics: 521
- Total: 1050

www.collegeboard.org

OPPORTUNITIES TO EARN COLLEGE CREDIT

Providers

USD 305 will work collaboratively with Bethany College, Hutchinson Community College, Kansas State University Salina and Salina Area Technical College to ensure that the courses are consistently offered and have the rigor to effectively prepare students for higher education.

Eligibility of Students

To be eligible for dual credit course enrollment, students **must meet institutional grade point average requirements**, meet the college established ACT or placement testing requirements, and be a 10th, 11th or 12th grade student or a gifted student. **College and/or university fees for dual credit are the student's responsibility.**

Enrollment into Concurrent/Dual/Blended Credit Courses

Concurrent credit courses are taught by a USD 305 teacher on a USD 305 high school campus. Blended courses are taught collaboratively (team taught) by the college instructor and the high school teacher. Dual credit courses are college courses taught by post-secondary faculty on the post-secondary campus.

Transcription

All transcripts received by USD 305 for approved Bethany College, Hutchinson Community College, Kansas State University Salina, and Salina Area Technical College courses taken during a student's high school career will be recorded on the student's USD 305 transcript and counted toward the student's GPA. Students are responsible for ensuring the college sends transcripts to USD 305 high school registrars:

Central High School: Stina.Homelvig@usd305.com (785) 309-3526

South High School: Lynnette.Froome@usd305.com (785) 309-3707

Concurrent Credit Courses

High School Course	College Course	Location	College/University
Accounting A <u>and</u> B	BAT 192 Financial Accounting I BAT 196 Financial Accounting 2	CHS & SHS	Salina Area Technical College
Alg 2/Trig A <u>and</u> B	MAT 150 College Algebra	CHS & SHS	
AP Chemistry A <u>and</u> B	CHM 101 General Chemistry (5 cr.)	SHS	
AP Biology A <u>and</u> B	BIO 105 General Biology	SHS	
Architectural Drafting	CAD 152 Residential Architecture with Revit	CHS	
Computer Applications 2	CSA 105 Introduction to Computer Applications and Concepts	CHS & SHS	
Metals 2 A	ENV 102 Safety Orientation OSHA WEL 111 Shielded Metal Arc Welding WEL 115 Gas Metal Arc Welding 1	CHS	
Metals 3	WEL 106 Cutting Process WEL 150 Welding Blueprint Reading	CHS	
Physics A <u>and</u> B	PHS 100 Physics (5 cr.)	CHS & SHS	
Pre-Calc/Trigonometry A <u>and</u> B	MAT 155 Trigonometry	CHS & SHS	

Please check the following link throughout the year for new additions to concurrent credit courses added.

<https://docs.google.com/spreadsheets/d/16OtEqxvKr-EiQrg2ZKECTi3-A3LnhlaEzJ7SElfbg0k/edit#gid=0>

Blended Courses

High School Course	College Course	College/University
American Justice	CJ 100 Criminal Justice	Bethany College
Computer Programming	CMST 103 Computing Principles	KSU Salina
HCC English 4 A	EN 100 English Composition 1	Hutchinson Community College
HCC English 4 B	EN 102 English Composition 2	Hutchinson Community College
HCC General Psych.	PS 100 General Psychology	Hutchinson Community College
Teaching as a Career A & B	ED 100 Introduction to Education	Bethany College
Teaching Internship A & B	ED 200 Introduction to Teaching: Classroom Experience	Bethany College

Dual Courses:

College Course	College/University
Elective .5 Credit	Bethany College (Online) Must enroll in either ED 100 or CJ 100 Prior to Taking these Classes
Math .5 Credit	
Elective .5 Credit	
Elective .5 Credit	
Elective .5 Credit	
Elective .5 Credit	
BCED100 Introduction to Education	
BCMA 104 College Algebra	
BCCJ 100 Criminal Justice	
BCED 240 Diversity and Pluralism in Ed.	
BCGO 120 Human Geography	
BCED 251 Instructional Technology	

High School Course	College Course	College/University
English 4 A	ENGL 100 Expository Writing 1	KSU Salina
English 4 B	ENGL 200 Expository Writing 2	
English 4 B	ENGL 251 Introduction to Literature	
Speech	COMM 106 Public Speaking 1	
Math .5 Credit	MATH 100 College Algebra	
Math .5 Credit	MATH 150 Plane Trigonometry	
Calculus A <u>and</u> B	MATH 205 General Calculus and Linear Algebra	
Calculus A <u>and</u> B	MATH 220 Analytic Geometry and Calculus 1	
Biology A <u>and</u> B	BIO 198 Principles of Biology (4 hrs)	
Chemistry A <u>and</u> B	CHM 110 Chemistry Lecture and CHM 111 Lab (4 hrs)	
Physics 1 A <u>and</u> B	PHYS 113 General Physics and Lab (4 hrs)	

Economics (CHS) .5	ECON 110 Macroeconomics or ECON 120 Microeconomics	
General Psychology .5	PSYCH 110 General Psychology	
Social Studies 4 .5	ECON 110 Macroeconomics or ECON 120 Microeconomics	
Sociology .5	SOCIO 211 Introduction to Sociology	
Accounting 1A .5	BUS 251 Financial Accounting	
Accounting 1B .5	BUS 252 Managerial Accounting	
Business Essentials .5	BUS 110 Introduction to Business	
Computer Apps 2 .5	CMST 108 PC Desktop Software	

Dual Credit Programs and Courses

College Program	College/University
Allied Health	Salina Area Technical College
Auto Collision Repair Technology	
Automotive Technology	
Business Administrative Technology	
Computer Aided Drafting Technology	
Construction Technology	
Diesel Technology	
Early Childhood	
Fire Science	
Heating, Ventilation and Air Conditioning Technology	
Machine Tool Technology	
Police Science	
Welding Technology	

College Course	College/University
ANTH 200 Introduction to Cultural Anthropology	KSU Salina
AVM 101 Introduction to Aircraft Materials and Tooling Standards	
AVM 102 Aviation Regulations, Compliance and Operations (2 Hrs)	
AVM 111 Basic Aircraft Electricity (4 Hrs)	
AVM 121 Aircraft Drawings (2 Hrs)	
AVM 141 Aircraft Science (2 Hrs)	
AVM 201 Aircraft Metallic Primary Structures	
AVM 203 Aircraft Environmental and Fire Protection Systems	
AVM 205 Aircraft Landing Gear and Fluid Power Systems	
AVM 207 Aircraft Electrical Systems	
AVM 216 Aircraft Propulsion Drive	
AVM 301 Advanced Reciprocating Powerplant Technology	
AVM 303 Introduction to Aircraft Composite Structures	
AVM 304 Aircraft Fuel Management and Metering Systems	
AVM 305 Aircraft Avionics and Instrument Systems	
AVM 306 Rotary and Fixed Wing Aircraft Design and Assembly	
AVM 322 Powerplant Operation and Troubleshooting	
AVM 402 Gas Turbine Powerplant Technology	
AVT 100 Introduction to Aviation	

AVT 242 Aviation Meteorology	KSU Salina
AVT 250 Safety and Security of Airport Ground Operations	
AVT 340 Human Factors in Aviation	
BIO 198 Principles of Biology (4 Hrs)	
BUS 110 Introduction to Business	
BUS 251 Financial Accounting	
BUS 252 Managerial Accounting	
BUS 315 Supervisory Management	
BUS 366 Management with Information Technology	
BUS 410 Managerial and Project Economics	
BUS 420 Managerial Perspectives	
CHM 110 General Chemistry	
CHM 111 General Chemistry Laboratory (1 Hr)	
CHM 210 Chemistry I	
CMST 103 Computing Principles	
CMST 108 PC Desktop Software	
CMST 115 Graphics Software Applications	
CMST 135 Web Fundamentals	
CMST 146 Digital Photography	
CMST 180 Introduction to Database Systems	
CMST 183 Computer Systems Studio 1 (1 Hr)	
CMST 185 Computer Systems Studio 2 (1 Hr)	
CMST 247 Programming I	
CMST 250 Hardware and Network Fundamentals	
CMST 252 Systems and Software Fundamentals	
CMST 283 Computer Systems Studies 3 (1 Hr)	
CMST 285 Web Certificate Capstone Studio (1 Hr)	
CMST 302 Applications in C Programming for Engineering Technology	
CMST 315 Introduction to System Administration	
CMST 332 Web Development	
CMST 335 Programming 2	
COMM 106 Public Speaking 1	
COMM 322 Interpersonal Communication	
COT 150 Humanities Through the Arts	
COT 295 Introductory Industrial Internship	
COT 495 Advanced Industrial Internship	
DIGME 137 Fundamentals of Visual Literacy	
DIGME 163 Fundamentals of Design Thinking	
DIGME 256 Digital Literacy	
DIGME 365 User Experience (UX) Design in Digital Media	
DIGME 406 Social Media	
ECET 100 Basic Electronics	
ECET 101 Direct Current Circuits (4 Hrs)	
ECET 220 Semiconductor Electronics (4 Hrs)	
ECET 250 Digital Logic (4 Hrs)	
ECET 301 Circuits (4 Hrs)	
ECET 335 Industrial Control Topics (1 Hr)	

ECET 340 Electronic Manufacturing
ECET 350 Microprocessor Fundamentals (4 Hrs)
CON 110 Principles of Macroeconomics
CON 120 Principles of Microeconomics
ENGL 100 Expository Writing
ENGL 200 Expository Writing
ENGL 251 Introduction to Literature
ENGL 302 Technical Writing
GEOL 100 Earth in Action
GEOL 103 Geology Laboratory (1 Hr)
GEOL 125 Natural Disasters
MATH 100 College Algebra
MATH 150 Plane Trigonometry
MATH 205 General Calculus and Linear Algebra
MATH 221 Analytic Geometry and Calculus 2 (4 Hrs)
MET 111 Technical Graphics
MET 117 Mechanical Modeling and Detailing
MET 121 Manufacturing Methods
MET 125 Computer-Numerical-Controlled Machine Processes
MET 211 Statics
MET 230 Automated Manufacturing Systems I
MET 231 Physical Materials and Metallurgy
MET 245 Material Strength and Testing
MET 252 Fluid Power Technology
MET 264 Machine Design Technology (4 hrs)
MET 382 Industrial Instrumentation and Controls
PHILO 105 Introduction to Critical Thinking
PHYS 113 General Physics 1 (4 Hrs)
PHYS 114 General Physics 2 (4 Hrs)
PPIL 111 Private Pilot (4 hrs)
PPIL 112 Professional Instrument Pilot
PPIL 113 Private Pilot Flight Lab
PPIL 114 Professional Instrument Pilot Flight Lab (1 Hr)
PPIL 210 Aviation Safety
PSYCH 110 General Psychology
PSYCH 290 Psychology of Religion
SOCIO 211 Introduction to Sociology
SOCWK 100 Social Work: The Helping Profession
SOCWK 200 Basic Skills for Working with People
STAT 325 Introduction to Statistics
UAS 114 Remote Pilot Certification for UAS (2 Hrs)
UAS 115 Multi-rotor Flight Lab (1 Hr)
UAS 270 Introduction to Unmanned Aircraft Systems
UAS 272 UAS Safety Fundamentals
UAS 274 Introduction to Processing Remotely Sensed Data
UAS 275 Small UAS Maintenance I
UAS 280 Multi-Rotor Construction Lab (2 Hrs)

KSU Salina

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program gives students in USD 305 an opportunity to take college-level courses and exams while they are still in high school. Through this, students will earn weighted high school credit and may have the option to apply for college credit (dual credit). Students are strongly encouraged to take the AP test in May.

High quality student work is expected; therefore, more study and research time is required for students to meet the rigorous demands of the course material. Students in the district's two high schools may enroll in one or more of the Advanced Placement courses listed below:

AP Language & Composition
AP Literature & Composition
AP Biology
AP Chemistry
AP Physics 1; AP Physics 2
AP Calculus
AP Statistics

AP World History
AP American History
AP Government & Politics
AP Macroeconomics
AP Psychology
AP Music Theory
AP Studio Art 2D & 3D

The location of the class (either one or both high schools) will be determined following the spring pre-enrollment process. Busing is provided.

Weighted grade points are assigned only to the classes listed above.

Why Take AP Classes?

AP offers something for everyone. The only prerequisite for an AP Class is a strong curiosity about the subject and a willingness to work hard. Here are just a few reasons to enroll:

Gain the Edge in College Preparation

- ◆ Develop the study habits necessary for tackling rigorous coursework.
- ◆ Get a head start on exactly the sort of work you will confront in college.
- ◆ Improve your writing skills and sharpen your problem-solving techniques.
- ◆ Earn college credit by passing the AP exam.

Stand out in the College Admissions Process

- ◆ Show your willingness to push yourself to the limit.
- ◆ Emphasize your commitment to academic excellence.
- ◆ Demonstrate your maturity and readiness for college.
- ◆ Enter college with several college credits, after passing the AP exam.

Broaden Your Intellectual Horizons

- ◆ Study subjects in greater depth and detail.
- ◆ Assume the responsibility of reasoning, analyzing, and understanding for yourself.
- ◆ Explore the world from a variety of perspectives, most importantly your own.
- ◆ Examine a subject with your intellectual peers.

Some of this information was obtained at:

<http://www.collegeboard.com/student/testing/ap/about.html>



Qualified Admissions

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

ACCREDITED HIGH SCHOOL

Freshman applicants, aged 21 & younger, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:

- Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060)*

K-State:

- Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060)*

KU:






- Cumulative High School GPA 3.25+
OR Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)*

ALL Institutions Require:

- Cumulative GPA 2.0+ for College Credits earned in High School

KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED: To best prepare for the rigor of college-level courses, the Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:

				
English 4 units	Math 4 units 1 unit of each: Algebra I, Geometry, Algebra II 1 unit: Advanced Math See KS Scholars page For Math course list	Social Science 3 units 1 unit U.S. History .5 unit U.S. Gov .5 unit World History 1 unit: Social Science course See KS Scholars Page for Social Science course list	Science 3 units 1 unit of each: Biology, Chemistry, & Physics	Foreign Language 2 units of the same language

KANSAS SCHOLARS Program: More information about the Kansas Scholars Scholarship & Curriculum can be found [here](#) (pdf).

HOMESCHOOL & UNACCREDITED HIGH SCHOOL

Freshman applicants, aged 21 and younger, who are homeschooled or graduate from an unaccredited high school will be guaranteed admission to the six state universities by achieving an ACT score equivalent to those outlined above, per each university. If you enroll in college courses while in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

**If you do not meet the qualified admission requirements, you are still encouraged to apply. Your application will be reviewed individually. Contact the university admissions office for more information.*

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

February 2022



KANSAS BOARD OF REGENTS

Kansas Scholars Curriculum & State Scholar Quick Facts

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

KANSAS SCHOLARS CURRICULUM

English - 4 years

One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

Mathematics - 4 years

Algebra I, Algebra II, Geometry, and one unit of advanced mathematics-- suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable for the Kansas Scholars Curriculum.

Science - 3 years

One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

Social Studies - 3 years

One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

Foreign Language - 2 years

Two years of one language. Latin and Sign Language are accepted.

Please note, this curriculum is NOT the same as the Qualified Admissions Curriculum.

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at 785.430.4300 or at kansasregents.org/students/student_financial_aid.

kansasregents.org

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POST SECONDARY RESOURCES

Division I Academic Standards

Division I schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:



1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world languages, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 [core-course GPA](#).
5. Ask your high school counselor to upload your [final official transcript](#) with proof of graduation to your Eligibility Center account.

EARLY ACADEMIC QUALIFIER

If you meet [specific criteria](#) after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

ACADEMIC REDSHIRT

You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

NONQUALIFIER

You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.



GRADE
9
REGISTER

- » If you haven't yet, register for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's [interactive map](#) to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/counselorlist to ensure you're taking the right courses, and earn the best grades possible!

GRADE
10
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, transition it to the required certification account.
- » Monitor the task list in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding [approved courses](#) you can take.

GRADE
11
STUDY

- » Ensure your sports participation information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved [core courses](#) and graduate on time with your class.
- » Share your NCAA ID with NCAA schools recruiting you so each school can place you on its [institutional request list](#).
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE
12
GRADUATE

- » Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved core courses as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final [official transcript](#) with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

10th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

11th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

12th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time
International (including Quebec):
on.ncaa.com/IntlContact



[@ncaaec](#) [@ncaaec](#) [@ncaaec](#) [@playcollegesports](#)

Division II Academic Standards

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:



DIVISION II

MAKE IT *YOURS.*

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional disciplines (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

EARLY ACADEMIC QUALIFIER

If you meet **specific criteria** after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

QUALIFIER

You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

PARTIAL QUALIFIER

You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.



TEST SCORES

Every time you register for the SAT or ACT, use code **9999** to send your scores directly to the Eligibility Center from the testing agency. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscore from each test is used to give you the best possible score.

**More information regarding the impact of COVID-19 and test scores can be found at on.ncaa.com/COVID19_Spring2023.*

CORE-COURSE LIST

Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist. No core-course list means courses taken from that high school will not count for NCAA eligibility. If your high school does not have a list, you risk being ineligible to play in college.

NONTRADITIONAL AND ONLINE COURSES

Nontraditional courses are taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on your [school/program's list](#) of NCAA-approved core courses.

BE AHEAD OF THE GAME

- » Plan to register with the NCAA Eligibility Center at eligibilitycenter.org before your freshman year of high school. Visit on.ncaa.com/RegChecklist to help guide you through the registration process.
- » After six semesters of high school, ask your high school counselor from each school you have attended to upload an official transcript to your Eligibility Center account.
- » For more information on Division II, visit ncaa.org/D2.

ADDITIONAL RESOURCES

- » [DI Academic Requirements flyer](#).
- » [DIII Amateurism flyer](#).
- » [International Initial-Eligibility flyer](#).

DIVISION II QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

Want more information? Visit
ncaa.org/playcollegesports.

CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec): 877-262-1492
Monday-Friday, 9 a.m. to 5 p.m. Eastern time

[@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)



ELIGIBILITY CENTER

NCAA is a trademark of the National Collegiate Athletic Association, October 2022.



NAIA Eligibility

National Association of Intercollegiate Athletics

The NAIA Eligibility Center, at PlayNAIA.org is responsible for determining the NAIA eligibility of first-time student-athletes. Students must have their eligibility determined by the NAIA Eligibility Center, and all NAIA schools are bound by the center's decisions.

Do I meet the freshman eligibility requirements?

If you will graduate from a U.S. high school this spring and enroll in college this coming fall, the requirements are simple. An entering freshman must:

- Be a graduate of an accredited high school.
- Meet **two of the three** following requirements. If as an entering freshman you do not meet at least two of the three standards.

MUST MEET TWO OF THE THREE

1. TEST SCORE REQUIREMENT	2. HIGH SCHOOL GPA REQUIREMENT	3. CLASS RANK REQUIREMENT
Achieve a minimum of 18 on the ACT or 970 on the SAT	Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale	Graduate in the top half of your high school class
<p>Tests must be taken on an international testing date prior to the start of the term in which you intend to participate in athletics and scores must be achieved on a single test date. The minimum SAT must be achieved on the Evidence-Based Reading & Writing and Math sections only; the Writing score cannot be used.</p> <p>Minimum score requirements for tests taken prior to May 1, 2019 varied.</p> <ul style="list-style-type: none"> • For tests taken prior to March 1, 2016: 18 ACT, 860 SAT (reading, math) • For tests taken between March 1, 2016 and May 1, 2019: 16 ACT, 860 SAT (evidence-based reading & writing, math) 	<p>The NAIA accepts the grade point average determined by the high school, provided it is recorded and awarded in the same manner as for every other student at the school.</p>	<p>If a student's class rank does not appear on the transcript, a signed letter from the principal or headmaster, vice principal or guidance counselor written on the school's letterhead and with the school's official seal, stating the student's final class rank position or percent may be submitted.</p> <p>Exception: Completion of nine institutional credit hours prior to identification at any institution of higher education can be used if no class rank appears on the final official high school transcript. The credit hours must be completed with a grade of "C" or better.</p>

NAIA Eligibility Center at PlayNAIA.org determines eligibility of all first-time NAIA student-athletes

The NAIA Eligibility Center, at PlayNAIA.org, is responsible for determining the NAIA eligibility of first-time student-athletes. Students must receive an eligible decision by the NAIA Eligibility Center prior to competing for the first-time in the NAIA, and all NAIA schools are bound by the center's decisions.

Every student interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center and receive an eligible determination. This applies to high school seniors and transfers from both two- and four-year colleges.

What information will I need to provide? You'll create a personal profile with the basic facts about your academic history and sports participation to date.

- You'll need your current contact information, previous residences and addresses, high schools attended and history of your sports participation during and after high school graduation.
- **9 8 7 6** When you register for the ACT or SAT, include the NAIA Eligibility Center (9876) on the list of places test scores should be sent.
- Ask your high school counselors to send a final, official transcript that verifies high school graduation, class rank and cumulative grade point average to the eligibility center through the NAIA High School Portal.

What are the costs?

Registration costs for students are as follows:

- Canada: \$90
- International: \$150
- US/Canadian freshman break: \$135
- US/Canadian break: \$150



This is a one-time, nonrefundable registration fee and includes all services for the student type. Additional fees may be assessed if your student type changes.

The registration fee will be waived for U.S. students with demonstrated need. If you received a fee waiver for the ACT or SAT test or received federal free or reduced-cost lunch program, contact your high school counselor, who can provide confirmation of your eligibility for a fee waiver to the NAIA Eligibility Center. Fee waiver confirmations are required to be completed by high school counselors through the online NAIA High School Portal regardless of when you graduated high school.

Questions? If you have any questions, you can visit the NAIA website: www.PlayNAIA.org

CAREER CLUSTERS

USD 305 students use Xello, or the student's Individual Plan of Study (IPS), to identify which of the 16 career clusters best match their interests. The career clusters, examples of careers within each cluster, and the USD 305 pathway(s) providing career exploration and learning experiences related to each cluster are noted below.

Cluster	Example Careers	USD 305 Pathways Related to Cluster
Agriculture, Food & Natural Resources	Animal scientist, machine operator, veterinarian, welder, wildlife biologist	Animal Science Power, Structural, & Technical Systems
Architecture & Construction	Architect, carpenter, construction engineer, planner/designer	Construction & Design Engineering & Applied Mathematics
Arts, A/V Technology & Communications	Audio/video technician, journalist, video graphics designer	Digital Media
Business Management & Administration	Entrepreneur, business owner, general manager	Marketing Restaurant & Event Management
Education & Training	Adult education provider, child care specialist, college professor, teacher	Teaching/Training
Engineering	Aerospace engineer, civil engineer, electrician, industrial engineer	Engineering & Applied Mathematics
Finance	Accountant, auditor, benefits specialist, economist	Marketing
Government & Public Administration	City/county clerk, commissioner, mayor, military specialist, policy advisor, senator	Corrections, Security, Law, & Law Enforcement Services Family, Community & Consumer Services Teaching/Training
Health & Bio Sciences	Dentist, doctor, home health care specialist, nurse, pharmacist, physical therapist	Health Science
Hospitality & Tourism	Baker, caterer, kitchen manager, restaurant owner/manager	Marketing Restaurant & Event Management
Human Services	Banker, consumer credit counselor, financial advisor, preschool teacher, religious leader, social services worker	Family, Community & Consumer Services
Information Technology	Digital media designer, multimedia specialist, web designer	Web & Digital Communications
Law, Public Safety, Corrections & Security	EMT, firefighter, paramedic, police officer/detective, rescue worker, sheriff /deputy	Corrections, Security, Law, & Law Enforcement Services Emergency & Fire Management Services
Manufacturing	Instrument maker, machine operator, precision layout worker, welder	Construction & Design Engineering & Applied Mathematics Manufacturing Power, Structural, & Technical Systems
Marketing	Business owner, CEO, entrepreneur, sales promotion manager	Marketing
Transportation, Distribution & Logistics	Automotive service technician, engine specialist, mechanic	Manufacturing

To earn USD 305 Career Pathway recognition at graduation, students must complete a pathway by passing three CTE credits in the pathway, with one of the classes being the application level course, or earn an industry-recognized certification. Supporting electives are recommended but do not contribute to the three CTE credits.

Pathway completion is not a graduation requirement, though strongly recommended.

Local and statewide **articulation agreements** (post-secondary agreements) are available for some pathways. Eligibility for these articulation agreements requires specific course planning by students beginning as early as the 9th grade year. These agreements may allow students to earn post-secondary credits or scholarship money at participating colleges. Requirements for each articulation agreement are different, and local pathway completion alone may not guarantee eligibility. Please consult with your school counselor on possible articulation agreements that may be available in your pathway of interest.

These pages show the courses in each pathway (introductory, technical, and application levels) and electives considered highly relevant to each pathway of interest.

Note: An * denotes classes with a prerequisite that needs to be considered when developing the Individual Plan of Study (IPS).

Animal Science Pathway	Construction & Design Pathway
Cluster: Agriculture, Food & Natural Resources	Cluster: Architecture & Construction, Manufacturing,
<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Agriculture <input type="checkbox"/> <i>Technical:</i> Animal Science <input type="checkbox"/> <i>Application:</i> Advanced Animal Science* <p>Supporting electives Accounting AP Biology* Automotive Technology Classes (SATC) Business Essentials Cabinetmaking 1 Diesel Technology Classes (SATC) Human Anatomy & Physiology* Machine Tool Tech Classes (SATC) Residential Carpentry Welding Technology Classes (SATC)</p> <p>Career Technical Student Organization FFA at CHS</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Industrial Technology (middle school) Intro to Engineering (high school) <input type="checkbox"/> <i>Technical:</i> Drafting Basic/Computer Aided Drafting Architecture Drafting Cabinetmaking 1 Residential Carpentry I <input type="checkbox"/> <i>Application:</i> Cabinetmaking 2 Cabinetmaking 3* Computer Aided Drafting Classes (SATC) Construction Technology Classes (SATC) Research in Advanced Drafting* <p>Supporting electives AP Biology* AP Calculus* AP Chemistry* AP Physics 1* AP Physics 2* AP Statistics Auto Collision Repair Classes (SATC) Automotive Technology Classes (SATC) Chemistry* Computer Apps 1 Computer Apps 2* HVAC Technology Classes (SATC) Machine Tool Tech Classes (SATC) Metals 1 Metals 2* Metals 3* Physical Science Physics Pre-Calculus/Trig Principles of Engineering* Welding Tech Classes (SATC)</p>

Corrections, Security, Law & Law Enforcement Services Pathway	Digital Media Pathway	Emergency & Fire Management Services Pathway
Clusters: Government & Public Administration; Human Services; Law, Public Safety, Corrections & Security	Cluster: Arts, A/V Technology & Communications	Cluster: Law, Public Safety, Corrections & Security
<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Public Service Careers Intro to Emergency Communication* Intro to Criminal Justice* <input type="checkbox"/> <i>Technical:</i> Law Enforcement Operations & Procedures* Criminal Procedures* <input type="checkbox"/> <i>Application:</i> Criminal Investigation* Criminal Justice Interview & Report Writing* <p>Supporting electives</p> <p>American Justice</p> <p>AP Psychology</p> <p>AP Statistics</p> <p>Business Essentials</p> <p>Debate/Forensics/Advanced*</p> <p>Entrepreneurship*</p> <p>ESL Tutor</p> <p>HCC General Psychology</p> <p>Leadership</p> <p>Library Science</p> <p>Psychology</p> <p>Sociology</p> <p>SPED Tutor</p> <p>World Language</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Business Essentials Computer Applications 1 Computer Applications 2* <input type="checkbox"/> <i>Technical:</i> Audio/Video Production Fundamentals 21st Century Journalism Graphic Design 2D Graphic Design Digital Interactive Media* Multimedia Prod. & Editing* <input type="checkbox"/> <i>Application:</i> Audio Video Production Advanced* Digital Media Production* <p>Supporting electives</p> <p>AP Music Theory*/Music Theory</p> <p>AP Studio Art*/Art 1/2D & 3D Art/Advanced*</p> <p>Band, Symphonic</p> <p>Business Admin. Tech. Classes (SATC)</p> <p>Classical Guitar</p> <p>Creative Writing</p> <p>Debate/Forensics/Advanced*</p> <p>Elements of Acting</p> <p>Engineering Sound/Production</p> <p>Entrepreneurship*</p> <p>Newspaper</p> <p>Orchestra</p> <p>Repertory Theatre/Tech Theatre*/Theatre Arts</p> <p>Vocal Advanced Mixed*/Gen Male/Female</p> <p>Vocal Intermediate Female*/Mixed*</p> <p>Vocal Select Ensemble</p> <p>World Language</p> <p>Career Technical Student Organizations</p> <p>BPA at SHS</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Public Service Careers Intro to Emergency Communication* Fire and Emergency Services Administration <input type="checkbox"/> <i>Technical:</i> Emergency Medical Technician (SATC) Fire Service Hydraulics & Water Supply* Hazardous Material for First Responders* <input type="checkbox"/> <i>Application:</i> Firefighter I* Firefighter II* Firefighting Strategy/Tactics <p>Supporting electives</p> <p>American Justice</p> <p>AP Psychology</p> <p>AP Statistics</p> <p>Building Construction</p> <p>Business Essentials</p> <p>Debate/Forensics/Advanced*</p> <p>Entrepreneurship*</p> <p>ESL Tutor</p> <p>HCC General Psychology</p> <p>Leadership</p> <p>Library Science</p> <p>Psychology</p> <p>Sociology</p> <p>SPED Tutor</p> <p>World Language</p>

Engineering & Applied Mathematics Pathway	Family, Community and Consumer Services Pathway	Health Science Pathway
Clusters: Architecture & Construction; Engineering; Manufacturing	Clusters: Government & Public Administration, Human Services	Cluster: Health Science
<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Introduction to Engineering <input type="checkbox"/> <i>Technical:</i> Drafting Basic/Computer Aided Drafting Principles of Engineering* <input type="checkbox"/> <i>Application:</i> Engineering Design & Development* Computer Aided Drafting Classes (SATC) <p>Supporting electives</p> <p>AP Biology*</p> <p>AP Calculus*</p> <p>AP Chemistry*</p> <p>AP Physics 1*</p> <p>AP Physics 2*</p> <p>AP Statistics</p> <p>Auto Collision Repair Classes (SATC)</p> <p>Automotive Technology Classes (SATC)</p> <p>Cabinetmaking 1</p> <p>Cabinetmaking 2</p> <p>Chemistry*</p> <p>Computer Apps 1</p> <p>Computer Apps 2*</p> <p>Computer Programming</p> <p>Construction Technology Classes (SATC)</p> <p>Environmental Science</p> <p>HVAC Technology Classes (SATC)</p> <p>Machine Tool Tech Classes (SATC)</p> <p>Metals 1</p> <p>Metals 2*</p> <p>Metals 3*</p> <p>Physical Science</p> <p>Physics</p> <p>Pre-Calculus/Trig</p> <p>Welding Tech Classes (SATC)</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Human Services <input type="checkbox"/> <i>Technical:</i> Culinary Essentials Life Span Human Development Nutrition & Wellness Parenting & Family Studies <input type="checkbox"/> <i>Application:</i> Career & Community Internship* <p>Supporting electives</p> <p>Accounting</p> <p>American Justice</p> <p>AP Psychology</p> <p>AP Statistics</p> <p>Business Adm. Tech. Classes (SATC)</p> <p>Business Essentials</p> <p>Computer Apps 1/Computer Apps 2*</p> <p>Debate/Forensics/Advanced*</p> <p>Entrepreneurship*</p> <p>ESL Tutor</p> <p>Financial Literacy</p> <p>Graphic Design 2D</p> <p>Graphic Design Digital</p> <p>HCC General Psychology</p> <p>Interactive Media*</p> <p>Leadership</p> <p>Library Science</p> <p>Marketing 1</p> <p>Multimedia Prod. & Editing*</p> <p>Psychology</p> <p>Sociology</p> <p>SPED Tutor</p> <p>Web Page Design</p> <p>World Language</p> <p>Career Technical Student Organization</p> <p>FCCLA</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Medical Investigations 1 Biology <input type="checkbox"/> <i>Technical:</i> AP Biology* Human Anatomy & Physiology* Nutrition & Wellness Sports Medicine <input type="checkbox"/> <i>Application:</i> Medical Investigations 2* Medical Intern Rotation* Certified Nurse Aide (CNA) Fundamentals of Medical Terminology Certified Medication Aide (CMA) Legal Concepts <p>Supporting electives</p> <p>AP Chemistry*</p> <p>AP Psychology</p> <p>Chemistry*</p> <p>Essentials of Anatomy & Physiology</p> <p>HCC General Psychology</p> <p>Psychology</p> <p>Sociology</p> <p>World Language</p> <p>Career Technical Student Organization</p> <p>HOSA</p>

Manufacturing Pathway	Marketing Pathway	Power, Structural, & Technical Systems Pathway
Cluster: Manufacturing; Transportation, Distribution & Logistics	Clusters: Business Management & Administration, Finance, Hospitality & Tourism, Marketing	Clusters: Agriculture, Food & Natural Resources; Manufacturing
<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Drafting Basic/CAD Intro to Engineering <input type="checkbox"/> <i>Technical:</i> Metals 1 <input type="checkbox"/> <i>Application:</i> Metals 2* Metals 3* HVAC Technology Classes (SATC) Machine Tool Tech Classes (SATC) Welding Tech Classes (SATC) <p>Supporting electives</p> <ul style="list-style-type: none"> AP Biology* AP Calculus* AP Chemistry* AP Physics 1* AP Physics 2* AP Statistics Auto Collision Repair Classes (SATC) Automotive Technology Classes (SATC) Cabinetmaking 1 Cabinetmaking 2 Chemistry* Computer Aided Drafting Classes (SATC) Computer Apps 1 Computer Apps 2* Construction Technology Classes (SATC) Physical Science Physics Pre-Calculus/Trig Principles of Engineering* 	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Business Essentials <input type="checkbox"/> <i>Technical:</i> Accounting 1 Entrepreneurship* Interactive Media* Marketing 1 <input type="checkbox"/> <i>Application:</i> Career Internship* Marketing Management* <p>Supporting electives</p> <ul style="list-style-type: none"> Business Adm. Tech. Classes (SATC) Computer Apps 1 Computer Apps 2* Financial Literacy Graphic Design 2D Graphic Design Digital HCC General Psychology Leadership Multimedia Prod. & Editing* Psychology Sociology Web Page Design <p>Career Technical Student Organization</p> <ul style="list-style-type: none"> BPA at SHS 	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Agriculture <input type="checkbox"/> <i>Technical:</i> Metals 1 <input type="checkbox"/> <i>Application:</i> Metals 2* Metals 3* <p>Supporting electives</p> <ul style="list-style-type: none"> Accounting Auto Collision Repair Classes (SATC) Automotive Technology Classes (SATC) Business Essentials Cabinetmaking 1 Chemistry* Diesel Technology Classes (SATC) Engineering Design and Development* Machine Tool Tech Classes (SATC) Principles of Engineering* Residential Carpentry Welding Technology Classes (SATC) <p>Career Technical Student Organizations</p> <ul style="list-style-type: none"> FFA at CHS

Restaurant & Event Management Pathway	Teaching/Training Pathway	Web & Digital Communications Pathway
Clusters: Business Management & Administration, Hospitality & Tourism	Clusters: Education & Training, Government & Public Administration, Human Services	Cluster: Information Technology
<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Business Essentials Intro to Human Services <input type="checkbox"/> <i>Technical:</i> Culinary Essentials Culinary Menus Culinary Professionals* Entrepreneurship* Nutrition & Wellness <input type="checkbox"/> <i>Application:</i> Career and Community Internship* Culinary Internship* <p>Supporting electives</p> <ul style="list-style-type: none"> American Justice AP Psychology AP Statistics Business Adm. Tech. Classes (SATC) Computer Apps 1/Computer Apps 2* Debate/Forensics/Advanced* Financial Literacy Graphic Design 2D Graphic Design Digital HCC General Psychology Interactive Media* Leadership Marketing 1 Multimedia Prod. & Editing* Psychology Sociology Web Page Design World Language <p>Career Technical Student Organization</p> <p>FCCLA</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Intro to Human Services <input type="checkbox"/> <i>Technical:</i> Life Span Human Development Parenting and Family Studies Teaching as a Career <input type="checkbox"/> <i>Application:</i> Teaching Internship* <p>Supporting electives</p> <ul style="list-style-type: none"> American Justice Any computer literacy course AP Psychology AP Statistics Business Essentials Debate/Forensics/Advanced* Entrepreneurship* ESL Tutor HCC General Psychology Leadership Library Science Psychology Sociology SPED Tutor World Language <p>Career Technical Student Organizations</p> <p>FCCLA</p>	<p>CTE classes</p> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Introductory:</i> Computer Applications 1 Computer Applications 2* <input type="checkbox"/> <i>Technical:</i> Graphic Design 2D Graphic Design Digital Interactive Media* Multimedia Prod. & Editing* Web Page Design <input type="checkbox"/> <i>Application:</i> Career Internship* <p>Supporting electives</p> <ul style="list-style-type: none"> AP Music Theory*/Music Theory* AP Studio Art*/Art 1/ 2D & 3D Art/Advanced* Band, Symphonic Business Admin Tech Classes (SATC) Classical Guitar Computer Programming Creative Writing Debate/Forensics/Advanced* Elements of Acting Engineering Sound/Production Entrepreneurship* Newspaper* Orchestra Repertory Theatre/Theatre Arts/Technical Theatre* Vocal Advanced Mixed* Vocal Gen Male/Female Vocal Intermediate Female*/Mixed* Vocal Select Ensemble World Language <p>Career Technical Student Organizations</p> <p>BPA at SHS</p>

AGRICULTURAL SCIENCE

Advanced Animal Science A – 905481

Credit: .5 CENTRAL HIGH

Advanced Animal Science B – 905482

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Animal Science

This is the final course in the Animal Science pathway, for students interested in careers in many aspects of veterinary medicine. This course covers anatomy, classification, health care, prevention of disease, reproduction/breeding, genetic selection, maintaining ideal environmental conditions, safe handling, and proper feeding of domestic and livestock animals. FFA participation is part of the course because of its opportunities for leadership, project-based learning, development of communication skills, and the pathway encompasses animal care in both farm and non-farm workplaces.

Animal Science A – 905471

Credit: .5 CENTRAL HIGH

Animal Science B – 905472

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

Students learn about the anatomy, diet, characteristics, common ailments, preventative health measures, and cost of caring for various agricultural animals (horses, pigs, cattle, and chickens). This is also for students pursuing careers in non-farm animal care, veterinary medicine, zoology, animal breeding, as well as agriculture. Students in Animal Science learn the unique biology of different animals, terminology of the livestock industry, methods of reproduction, and desirable traits of high-quality animals when judging or purchasing. FFA participation is an integral part of this course and provides opportunities for leadership, teamwork, and applied skills outside the classroom.

Introduction to Agriculture A – 905401

Credit: .5 CENTRAL HIGH

Introduction to Agriculture B – 905402

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

This class is offered to students interested in the science and business of agriculture. Units of study: soil analysis, an intro to animal science, plant science, record keeping, agricultural careers, safety, basic agricultural mechanic skills, leadership and public speaking through the FFA. This course provides students with a basic understanding of career opportunities in agriculture.

Metals 1 A – 905211

Credit: .5 CENTRAL HIGH

Metals 1 B – 905212

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

Metals 1 looks at technology in the mechanical side of agriculture, using instruction, laboratory activities, and field trips. Students learn welding processes like; stick, MIG, TIG and Oxy-fuel. Students work with plasma cutting, Oxy-fuel cutting, and sheet metal, and learn destructive and non-destructive testing methods. Students gain a well-rounded, fundamental experience in metals. Students are required to build small projects in each of the skill areas. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student.

Metals 2 A – 905221**Metals 2 B – 905222**

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Metals 1**

This course provides experience in hot and cold forming of metal, tool grinding, machine operations, heat treating, fabrication, molding, and metal finishes. It gives students more in-depth understanding of the basic processes such as layout, cutting, and assembly. Students will further their skills in GMAW welding and equipment used in the Metals 1 course. Students are required to design and build a project in the second semester of this class. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student. Students who successfully complete both Metals 1 and 2 can earn concurrent credit for the following courses through SATC: ENV 102 Safety Orientation OSHA; WEL 111 Shielded Metal Arc 1; and WEL 115 Gas Metal Arc Welding 1. These classes are tuition-free except ENV 102 Safety Orientation OSHA, which has a state testing fee.

Credit: .5

CENTRAL HIGH

Credit: .5

Metals 3 A – 905421**Metals 3 B – 905422**

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Metals 2**

Metals 3 looks at the technology in the mechanical side of agriculture through instruction, laboratory activities, and field trips. Areas covered are welding processes: stick, MIG and TIG, gas welding, carpentry, electricity, surveying and concrete. The new technologies are explored; students will work with the CNC (Computerized Numerical Calculation) machine, plasma cutting, sheet metal, lathe and millwork. The students will design and construct a project. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount of depends on the project selected by the student. Students who successfully complete both Metals 3 can earn concurrent credit for the following courses through SATC: WEL 106 Cutting Process; WEL 150 Welding Blueprint Reading. These classes are tuition-free.

Credit: .5

CENTRAL HIGH

Credit: .5

BUSINESS/COMPUTER LITERACY/JOURNALISM

Accounting 1 A – 900011

Credit: .5

Accounting 1 B – 900012

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: None

Accounting 1 is a course designed to help students attain knowledge and develop skills in keeping records for the management of individual and commercial business affairs. Program goals will include accounting as it relates to careers, accounting terminology, and understanding accounting principles and procedures. This course is highly recommended for anyone interested in majoring in business in college. Students will receive hands-on experience with the computer and will work various business-related problems that demonstrate the problem-solving capabilities of a spreadsheet and a computerized general ledger. Concurrent college credit is available for this class through SATC courses. **Students may be required to purchase additional supplies.**

Audio Video Production Fundamentals – 900603

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester

Prerequisite: None

This course provides a basic understanding of video production for a variety of uses. The class covers the pre-production, production, and post-production process that students would see in the current broadcasting/video development industry. Students will explore the equipment and techniques used to develop high-quality video productions for news and entertainment. Topics include lighting, sound synchronization, music licensing, scriptwriting, editing, camera operation, types of microphones, and use of a production studio. Students will look at current trends in the industry (wireless systems, high definition video) and create their own productions that convey information, tell stories, and demonstrate creativity.

Audio Video Production, Advanced, A – 900611

Credit: .5

Audio Video Production, Advanced, B – 900612

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: Audio Video Production Fundamentals OR Approval of Instructor

This course builds upon the knowledge and skills gained in Audio Video Production Fundamentals. Students will collaborate on professional-quality narrative and informational video projects, demonstrating mastery of all aspects of production: storyboarding, writing, directing, filming, editing, producing, and working in front of the camera (acting, performing, or interviewing). Much of the work will be done outside of class. Projects may be shown publicly or made available for public viewing and critique.

Business Essentials – 900113

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester

Prerequisite: None

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. This course is also available for dual credit with KSU for 10, 11, and 12th graders.

Business OJT A – 900151

Credit: .5

Business OJT B – 900152

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisite: See Requirements Below**

Business OJT (On The Job Training) is a course designed to allow students to experience actual on-the-job training in the student's occupational area. Students will be dismissed from school for one-block. This course is a half credit per semester no matter what the release time. **Requirements:** Student must have completed or be enrolled in at least (3) courses in the Business Career sequence and complete a formal application. Students must have secured employment prior to the beginning of the school year. Students **MUST** provide their own transportation to and from the site.

Career Internship A – 902401

Credit: .5

Career Internship B – 902402

Credit: .5

Grade Level: 12

Course Length: Semester**Prerequisite: Career Internship Instructor Approval**

Career Internship is a community-based experience. This course is for seniors **ONLY**. Applications must be made through the Career Internship Instructor. The Career Internship Instructor will make placements. Students will be required to attend their internship, orientations, complete a journal and other related assignments. The Career Internship Instructor in coordination with the community sponsor will evaluate the student. Students **MUST** provide their own transportation and complete at least 30 internship hours. Students may be required to complete an interview for their internship placements. Applicants must attend a mandatory meeting and complete the required paperwork in May for next year's enrollment. Students will be placed only in a field of their pathway. Students seeking a placement with a health professional must take the Medical Internship Rotation course. **A student on attendance probation or with disciplinary issues (including cutting class) may not be approved. A student who has been removed (fired) from his/her internship placement for any reason will receive an "F" and no credit for the class.**

Computer Applications 1 – 900303

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

Computer Applications 1 is a course designed to teach students the three most common applications of a computer--word processing, database, and spreadsheet. The students will apply these applications to solve problems encountered in business and everyday life.

Computer Applications 2 – 900333

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: Computer Applications 1**

Computer Applications 2 is designed to increase the students' knowledge in word processing, database, spreadsheet, presentation software, and integration using advanced features. Desktop publishing will be used to develop newsletters, reports, and other documents. Students will be able to develop a project of his/her choice using the computer as a tool and present it to the class with the use of a presentation graphics program. College credit is available upon completion of Computer Applications 1 *and* 2 for students in grades 10-12 with SATC. Dual Credit is available for Comp. Apps. 2 with Kansas State University Salina.

Computer Programming – 905073

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course focuses on the creative aspect of computing as well as the practices that will help students make connections to their everyday life. Students will learn how to analyze problems and collaborate to translate solutions into code. Along the way, students will touch on some of the “Big Ideas” of computing, such as abstraction, data handling, algorithms, the Internet, and global impact. It is highly recommended that students take Algebra prior to this course. Computer Programming may be taken for high school credit or blended credit with Computing Principles (CMST 103) from Kansas State University Salina.

Digital Media Production A – 901441

Credit: .5

Digital Media Production B – 901442

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: 21st Century Journalism OR Approval of Instructor**

Digital Media Production is the class that produces the high school yearbook. Students plan and design pages, write copy, edit material submitted by staff writers, artists and photographers, create pages using desktop publishing and digital photography, and carry out the other editorial duties. Selling advertising is required. *All semester assignments must be completed to receive a passing grade. **** NOTE** Students enrolled in this class will need to leave the building in connection with their class at various times to sell ads, take pictures, deliver copy to the printer, etc. A special parental permission form will be requested granting permission to drive or ride with a student driver.**

Engineering/Sound Production – 900613

Credit: .5

SOUTH HIGH

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course is designed for any student wishing to gain experience in the artistic and technical aspects of sound production. The student will learn the history of recording from Thomas Edison to the digital age. The ultimate goal of Engineering Sound Production is to provide an overview of the careers that exist in the recording/production industry. Students will also learn and apply the hyperphysics of sound, functionality of consoles and controllers, utilization of digital audio work stations, techniques for capturing sound, and the art and science of mixing for final production on videoboards in public venues.

Entrepreneurship – 900503

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Business Essentials**

This course is designed to give students a basic awareness of what is involved in creating a new business venture. Students will examine entrepreneurial opportunities and will identify types of business ownership. Students will operate an in-school business and through this activity be exposed to the basics of planning, organizing, financing, product selection, costs, pricing policies, location selection and design, employee development, legal aspects, starting, operating, expanding, and managing a small business venture. Students will also gain knowledge of how the social, political, economic, and legal environment affect business operations. This course is for students considering majoring in business in college or for anyone interested in starting his/her own business. An important goal of this course is to encourage the students to think from the employer's standpoint. At the completion of this course the students will have completed a sample business plan and have a greater understanding of entrepreneurship by taking responsibility for the success of an actual business within the school.

Financial Literacy – 900063

Credit: .5

Grade Level: 12

Course Length: Semester**Prerequisite: None**

This is a course which allows students to acquire a broader background knowledge dealing with money management and consumer issues. Topics covered include insurance, housing, money management, transportation, banking, food and clothing purchases, advertising, credit and investing.

Graphic Design 2-D – 900133

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

Graphic Design 2-D will teach students to work with text and graphics electronically to produce printed documents. Students will learn to vary size and style of text and insert electronic pictures, illustrations or images from other sources to produce a variety of documents. The finished product will resemble typeset quality. The class will focus on documents such as forms, brochures, flyers, bulletins, newsletters, certificates, resumes and in-house or professional publications.

Graphic Design Digital – 901463

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This class will center on digital photography as well as the computer program, Photoshop. Students will learn how to manipulate and enhance digital images, including scanning and retouching for output to a variety of media. Students will learn to shoot, download, save and print photos using Mac technology. At the end of the course, students may apply for a position on the school newspaper or yearbook as a staff photographer. Students will be required to pay an additional \$20 fee for supplies.

Interactive Media – 900853

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Computer Applications 2 OR Approval of Instructor**

Interactive Media is an integration of text, movies, pictures, photographs, animation or sound into a product. Through this class, students will have the skills needed for tomorrow's work force, which requires individuals who know how to ask probing questions, access and analyze information, construct new meaning from data and communicate their ideas effectively to others. Students will be required to create a final project using the integration of technology through a variety of software packages. Students will be required to pay an additional \$10 fee for supplies.

KSU Accounting 1 A Dual: Financial Accounting – KS6553

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Accounting 1A. Study of business topics such as alternative forms of business organizations; typical business practices; legal instruments such as notes, bonds, and stocks; and financial statements and analysis. The main objective is to develop the ability to provide information to stockholders, creditors, and others who are outside an organization. KSU COURSE: BUS 251 Financial Accounting

KSU Accounting 1 B Dual: Managerial Accounting – KS6133

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. **Prerequisite:** KS6553 Accounting 1A Dual: Financial Accounting

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Accounting 1B. This course outlines the use of internal accounting data by managers in directing the affairs of business and non-business organizations. KSU COURSE: BUS 252 Managerial Accounting

KSU Business Essentials Dual: Introduction to Business – KS6543

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Business Essentials. This course surveys the objectives, decisions, and activities within a business organization. Topics include a study of management responsibilities and controls, organizational structures, and marketing activities.

KSU COURSE: BUS 110 Introduction to Business

KSU Computer Applications 2 Dual: PC Desktop Software – KS6583

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Computer Applications 2. The use and application of popular software application packages. Topics include word processors, electronic spreadsheets, database management systems, and presentation software. Students are required to complete assignments on the computer, some of which are completed outside of class.

KSU COURSE: CMST 108 PC Desktop Software

Leadership – 900223

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: None

The purpose of this interdisciplinary course is to introduce students to the "nature" of leadership. Students will gain a broad understanding of the history and origins of leadership, theoretical approaches to leadership, and the essence of contemporary leadership. As students master the fundamentals of the concepts, they will be encouraged to test their ability to apply these concepts to their own life experience. **Recommendation:** This class is recommended for all students serving as elected student body officers.

Marketing 1 A – 900161

Credit: .5

Marketing 1 B – 900162

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: None

This course is open to those who have declared occupational objectives in the sales and marketing field for goods and services. Class discussions and assignments will give an understanding of the marketing field and develop skills related to marketing. Special attention is given to the role and evaluation of consumer needs, product development, price determination, product distribution and promotional strategies. This course is designed as a preparatory course for Marketing Management and/or Career Internship.

Marketing Management A – 900171

Credit: .5

Marketing Management B – 900172

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Marketing 1

This class is an occupational work-training class that gives the student an opportunity to experience theory in practice while developing competencies through on-the-job related career goals. The class period will be spent on related materials such as customer service skills, business math, retailing, advertising, buying and pricing, as well as material related to the individual's job, career and life skills.

Multimedia Production and Editing – 901473

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: School Newspaper, Digital Media Production, Web Page Design, or Interactive Media AND Instructor Permission

This class is designed to offer students an opportunity to experience the world of journalism/ business in the classroom through live production work as collected from the school and community. **** NOTE** Students enrolled in this class will need to leave the building in connection with their class at various times to sell ads, take pictures, deliver copy to the printer, etc. A special parental permission form will be requested granting permission to drive or ride with a student driver.**

Newspaper A – 901431

Credit: .5

Newspaper B – 901432

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: 21st Century Journalism OR Approval of Instructor

School Newspaper is a general course in news writing and publication of the school newspaper. The class is organized as an editorial staff. Students plan, write, edit and produce stories and pages using desktop publishing and carry out photographic assignments for the school newspaper. Extensive practice is given in editorial writing, news writing, and feature writing. Selling advertising is required.

**** NOTE** Students enrolled in this class will need to leave the building in connection with their class at various times to sell ads, take pictures, deliver copy to the printer, etc. A special parental permission form will be requested granting permission to drive or ride with a student driver.**

21st Century Journalism – 901423

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

21st Century journalism is a general course in print media and yearbook. Areas of study include writing and editing copy, publications law, advertising, newspaper and yearbook planning, design, and production.

Students will write news stories, feature stories, and editorials. The follow-up course is Graphic Design 2D and/or Graphic Design Digital.

Web Page Design – 900143

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This semester course is designed for the student to develop web pages using the HTML language and also using the software program called DreamWeaver. Discussion topics will include the qualities of a well-designed web page, layouts, webpage maintenance, ethics, and aesthetic appeal for a variety of clients. Students will demonstrate creativity and problem-solving skills while gaining hands-on experience with the computer to create web pages.

ELECTIVES

Advancement Via Individual Determination A – 900221

Credit: .5

Advancement Via Individual Determination B – 900222

Credit: .5

Grade Level: 9

Course Length: Full Year

Prerequisite: Application

Advancement Via Individual Determination (AVID) is a 4 year course designed for students in the academic middle who have high potential for acceptance and success in postsecondary education. Students who are accepted into the AVID program are required to enroll in rigorous course (advanced and AP classes), maintain at least a "C" average in all classes, model good citizenship at school and in class, and become active members of the school and community through participation in extra-curricular activities and community service.

Chemistry Center Internship – 908303

Credit: .5

Grade Level: 11 & 12

Course Length: Semester

Prerequisites: Successful completion of chemistry (and AP Chemistry when possible). Desire to pursue a STEM or teaching career.

Chemistry lab interns carry out valuable educational tasks on a daily basis. The students who are recruited to serve as chemistry lab interns are interested in entering a STEM career field or teaching. Students will help with laboratory experiment set-up and clean-up, storage and organization of supplies and chemicals, assist the instructor with typing, cutting, grading, proofreading and editing documents, and filing papers, make chemical solutions for labs, follow safety protocol to properly dispose of chemicals, accurately measuring out samples for laboratory investigations, maintenance of laboratory equipment, design and create posters and classroom displays and peer tutor.

ESL Tutor A – 901681

Credit: .5

ESL Tutor B – 901682

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Teacher Approval; Fluency in any Second Language

A number of students assist in the ESL classroom. Students should consult their counselor and the ESL teacher for approval. Credit is granted for being a bilingual assistant. Grade is based on attendance, role modeling, leadership skills and interactions with others using a grading rubric. Students must design and implement one teaching activity per semester.

Extended Study A – 909901

Credit: 0

Extended Study B – 909902

Credit: 0

Grade Level: 12

Course Length: Semester

Prerequisite: See below

Students will receive college credit only. To qualify for Extended Study, the student shall: (1) Have a cumulative GPA of 2.5 or better (2) Have been enrolled in college core curriculum (3) Complete an Extended Study and Transcript Release Form releasing the student. **Forms must be completed so that transcript and approval letter can be sent to the appropriate college.** Juniors choosing this option may enroll in a college class if they have successfully completed all courses in a specific area at the high school.

Independent Study A – 902391

Credit: .5

Independent Study B – 902392

Credit: .5

Grade Level: 12

Course Length: Semester**Prerequisite: Teacher and Administrator Approval**

This course is designed to permit the student to take full advantage of resource facilities within the school and community. Students are given school time to conduct their study independently in an area of their choice that is a “stretch of learning” beyond the scope of a normal classroom. The student’s teacher advisor and community advisor will assist the student throughout the independent study process. Independent Study requires the completion of a paper, portfolio, product, and presentation. The student must have an updated Individual Plan of Study (IPS) and be in good standing.

Library Science A – 901551

Credit: .5

Library Science B – 901552

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester or Full Year**Prerequisite: Library Media Specialist Approval**

Students will learn general librarianship by assisting the library media specialist and staff, checking out materials to students and faculty, shelving books and magazines, monitoring arrivals and departures of students, performing clerical duties, helping students locate books and sources, assisting with displays and bulletin boards and doing light housekeeping throughout the library. Students are required to read and orally discuss three books each nine weeks and have an oral discussion over the books. They will learn searching strategies using the electronic catalog and the Internet. Formal lessons and tests will also be given. (Special sections of this class are under the supervision of the building’s curriculum tech. Enrollment in these sections will allow student interns to provide technical support for the Chromebooks. Students must have a brief meeting with the Library Media Specialist before approval is granted. There will be a limit of three student assistants during each block. Preference is given to those applying for a year and to upperclassmen.

Math Center Internship – 906363

Credit: .5

Grade Level: 10, 11, & 12

Course Length: Semester**Prerequisites: Algebra 1, minimum GPA 3.0, minimum 2.5 soft skills average, application to be approved by Math Department**

The math internship requires not only strong mathematical skills, but also good communication and leadership skills. This internship will include tutoring and encouraging fellow students in their mathematical problem solving by facilitating the learning process. Organizational skills are a must, as students will sign up for appointments for these tutoring sessions. The intern positions will be held during the ELO schedule for the most part.

Special Ed Tutor A – 902901

Credit: .5

SOUTH HIGH

Special Ed Tutor B – 902902

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Teacher Approval**

A number of students assist in the special education classroom. Students should consult their counselor and the special education teachers for approval. Credit is granted for being a tutor. Grade is based on attendance, role modeling, and interactions with others using a grading rubric.

Student Assistant – 800100, 800110, 800120, 800130 – CHS only

Credit: 0

Grade Level: 12 or with teacher approval

Course Length: Semester or Full Year**Prerequisite: Teacher's Approval (Students should consult their counselor for enrollment request.)**

Upon teacher request, a student is assigned as a student assistant to that teacher. This could either be for a semester or a year, dependent on student or teacher need. The student will assist the teacher with routine recordkeeping, filing or other tasks. The student will not receive credit for this class assignment. Students must have an updated Individual Plan of Study (IPS) and be in good standing.

Business	900700	} SHS Only
English	901700	
FACS	904700	
Fine Arts	902700	
Foreign Lang	903700	
Industrial Arts	905700	
Math	906700	
Office	902380	
PBD	972380	
PE/Health	907700	
Science	908700	}
Social Studies	909700	

Writing Center Internship – 901403

Credit: .5

Grade Level: 11 & 12

Course Length: Semester**Prerequisites: Application & acceptance into program; Writing Center ELO Training; and 18+ coaching sessions while on staff.**

Interns will staff the writing center during an instructional block of the day. In addition to conducting coaching sessions as needed, students will complete weekly assignments as part of their ongoing training and staff-development. Students **MUST** check in for attendance and then report either to the writing center or to the classroom of the teacher who has requested the intern for the class period. Interns found to have violated their ethics agreement, failed to meet attendance expectations, or who are no longer in good standing on the CHS/SHS behavior matrix will be removed from the program.

ENGLISH

9 th Grade	English 1 or Advanced English 1
10 th Grade	English 2 or Advanced English 2
11 th Grade	English 3 or Advanced English 3 or AP Language and Composition
12 th Grade	English 4 (A&B) or AP Literature and Composition (A&B) or HCC English 4A Blended Credit: English Composition 1 HCC English 4B Blended Credit: English Composition 2 or KSU English 4A Dual Credit: ENGL 100 Expository Writing 1 KSU English 4B Dual Credit: ENGL 200 Expository Writing 2 or ENGL 250 Intro to Literature (KSU English 4B).

The English curriculum at Salina Public Schools is divided into two levels, regular and advanced. Placement of students at a particular level will be accomplished by review of past performance, standardized test scores, teacher recommendation, and counselor recommendation. Students must earn eight semesters of English credit and one semester of oral communications credit. The oral communications requirement may be fulfilled with a semester of debate, speech, or forensics.

American Studies English A – 901321

Credit: .5 SOUTH HIGH

American Studies English B – 901322

Credit: .5

Grade Level: 11

Course Length: Full Year

Prerequisite: None

This course will meet the learning objectives and common core outcomes for both the junior level English course **and** the junior level social studies course. **Students enrolled in this course will meet daily and must be enrolled in both American Studies English and American Studies SS.** This integrated social studies and English course provides students the opportunity to study American culture through integrated units of history and civics, literature, scientific innovation, and fine arts. Students will analyze how the thinking in a historical period can affect the arts and sciences as well as how the arts and sciences impact change and affect our overall culture. Although the course will begin with review of the founding of the United States and early social and political thought, the primary focus will be on the years 1865 through 1972, covering such units as reconstruction, westward expansion, the Gilded Age, urbanization and the Progressive Era, America during World War I, the Jazz Age, the Great Depression, America during World War II, the Cold War, the Civil Rights Movement, and the Vietnam War. Students will create learning portfolios for each unit of instruction. Students will write in a variety of genres, will evaluate documents and literature central to the development of American culture, and will participate in project based assessments driven by guided and independent research.

AP Language & Composition A – 961301
AP Language & Composition B – 961302

Credit: .5
Credit: .5

Grade Level: 11

Course Length: Full Year

Prerequisite: None

This course has three objectives. The students will (1) develop an awareness of rhetorical principles; and (2) sharpen their skills in effective writing and critical reading; and (3) develop individual writing style, adaptable to different occasions, audiences, subjects, and writer's abilities. Students will examine the modes of discourse and analyze literature, essays, speeches, and other forms of writing. These activities will prepare students to earn college credit by taking the AP Language and Composition test offered in May. The pace and rigor of this class require students to have well-developed reading and writing skills and a high level of motivation. This course is designed in part to prepare students for admission to a university.

AP Literature & Composition A – 961401
AP Literature & Composition B – 961402

Credit: .5
Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: None

The primary aims of this college-level course are to enable the student to comprehend significant works of poetry and prose from various periods of world literature and to respond to those works through intelligent discussion and through writing mature critical analyses. These activities will prepare students to earn college credit by taking the AP Literature and Composition test offered in early May. The pace and rigor of this class requires students to have well-developed reading and writing skills and a high level of motivation. This is a college level course. This course is designed in part to prepare students for admission to a university.

Creative Writing – 901193

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: None

Creative Writing is a course which offers opportunities to experiment with literary expression in forms of poetry and prose. Peer and instructor criticism on original works will lead to class-generated publication. This class serves as an elective and may be taken only once.

English 1 A – 901101
English 1 B – 901102

Credit: .5
Credit: .5

Grade Level: 9

Course Length: Full Year

Prerequisite: None

In English 1 students study basic grammar and usage concepts and are introduced to more advanced grammar such as phrases and clauses. Sentence construction is emphasized as well. Students are expected to study a variety of literature including drama, a novel, and Greek and Roman mythology. Students are introduced to multi-paragraph expository compositions and are expected to respond in writing to the literature studied. This course is designed in part to prepare students for admission to a university.

English 1 A Advanced – 901111

Credit: .5

English 1 B Advanced – 901112

Credit: .5

Grade Level: 9

Course Length: Full Year**Prerequisite: None**

English 1 Advanced students will develop additional skills in reading, writing, and thinking. Accelerated students are introduced to essay structure for expository and literary essays. Students will develop critical thinking and analysis skills through the reading of various types of literature. Literature units in drama, mythology, novel, poetry, short stories, nonfiction, and independent reading provide challenges in reading and analysis. This course is designed in part to prepare students for admission to a university.

English 2 A – 901201

Credit: .5

English 2 B – 901202

Credit: .5

Grade Level: 10

Course Length: Full Year**Prerequisite: None**

The writing focus of the sophomore year is a continuation of paragraph and essay construction skills. Students will learn to plan, organize and develop essays, drawing both from literature and life. Literary studies include Hansberry's A Raisin in the Sun and either Animal Farm or Lord of the Flies as well as units in poetry, short stories, and nonfiction. Grammar units on clauses and verbs, as well as review of prior grammar instruction, will build the student's knowledge of language structure. This course is designed in part to prepare students for admission to a university.

English 2 A Advanced – 901211

Credit: .5

English 2 B Advanced – 901212

Credit: .5

Grade Level: 10

Course Length: Full Year**Prerequisite: None**

Sophomore advanced students will have a program similar to the core program provided in English 2. Additional literature requirements may include Lord of the Flies, A Separate Peace, Julius Caesar, Our Town, or Of Mice & Men and independent reading. The background students receive in this class will challenge and prepare students for the upper level AP English classes. This course is designed in part to prepare students for admission to a university.

English 3 A – 901301

Credit: .5

English 3 B – 901302

Credit: .5

Grade Level: 11

Course Length: Full Year**Prerequisite: None**

Through a concentrated study of American literature, junior students have opportunities to become acquainted with major American writers. Required units will be over The Crucible, one of three novels, and persuasive speaking and writing. Students will expand upon essay skills and write a research paper. Grammar studies will include practical application of grammar to writing. This course is designed in part to prepare students for admission to a university.

English 3 A Advanced – 901311

Credit: .5

English 3 B Advanced – 901312

Credit: .5

Grade Level: 11

Course Length: Full Year**Prerequisite: None**

The concentration for English 3 Advanced is in American literature, the writing process, English grammar and usage, and persuasion strategies. This advanced course builds upon the core program for English 3 by implementing additional practice to hone reading and writing skills. Students should expect additional writing assignments and an increased pace and rigor in part to prepare students for English 4 Advanced. This course is designed in part to prepare students for admission to a university

English 4 A – 901401

Credit: .5

English 4 B – 901402

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisite: None**

Students will employ the six traits of effective writing in a variety of pieces including the literary essay. Literature studies include masterpieces of British literature such as Beowulf, selections from The Canterbury Tales, one of Shakespeare's plays and Brave New World. Students are required to develop and present a multi-media project. Poetry and short story units as well as vocabulary study should also strengthen students' English skills, preparing them for college or career. This course is designed in part to prepare students for admission to a university. Blended and dual credit is available through HCC & KSU.

HCC English 4 A Blended: English Composition 1 – HC1411

Credit: .5

HCC English 4 B Blended: English Composition 2 – HC1412

Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: Parent Permission, Admitted to HCC as a Non-Degree Student, Enrollment at Hutchinson Community College is required, Asset Writing Score of 45 or above, or ACT English Score of 20 to 36, or minimum of 3.0 GPA or Accuplacer Score of 255. Students must earn a grade of C or higher in EN101 English Composition 1 in order to enroll in EN 102 English Composition 2.

This course provides blended credit for students using a virtual course that is taught by Hutchinson Community College faculty and facilitated by the English teacher at the high school. During the first semester, students will learn the essentials of composition. Emphasis is placed on practice in writing expository paragraphs and themes and in using the techniques of research. Selected readings for models and criticism are used. Students will employ the six traits of effective writing in a variety of pieces including the literary essay. During the second semester students will work on their development of critical reading and writing skills, through the exploration of literary texts in thematic units, with additional emphasis on research and persuasive writing. This is a college level course and dual credit is offered. HCC COURSE: EN101 English Composition 1 and HCC COURSE: EN102 English Composition 2

KSU English 4 A Dual: Expository Writing 1 – KS6623
KSU English 4 B Dual: Expository Writing 2 – KS6633
or: Intro to Literature – KS6643

Credit: .5
Credit: .5
Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. **Expository Writing 2 Prerequisite:** Students must be a sophomore in college in order to enroll.

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty.**

Expository Writing 1 is only offered during the fall semester. During the spring semester students can make a choice as to whether to take Expository Writing 2 or Intro to Literature and have one of the two courses count for English 4B credit. Expository Writing 1 offers students an introduction to expressive and informative writing. Frequent discussions, workshops, and conferences. Offers extensive practice in the process of writing: getting ideas, drafting, analyzing drafts, revising, and editing. Expository Writing 2 provides students with an introduction to writing persuasively. As with ENGL 100, uses discussion, workshops, and conferences, and emphasizes the writing process. Intro to Literature consists of the study of fiction, poetry, drama, and nonfiction. Both courses will require a prerequisite of ENGL 100.

KSU COURSE: ENGL 100 Expository Writing 1, KSU COURSE: ENGL 200 Expository Writing 2,
KSU COURSE: ENGL 251 Introduction to Literature

ESL PROGRAM

ESL Beginning A – 901651

Credit: .5

ESL Beginning B – 901652

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

ESL Beginning is a course designed especially for non-English speaking students. It will focus on all areas of language arts and is designed to increase vocabulary, improve oral and written communication and teach comprehension and grammar. This class meets for one block. An additional block is available for recently arrived non-English speakers.

ESL Intermediate A – 901661

Credit: .5

ESL Intermediate B – 901662

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

ESL Intermediate is a course designed especially for limited-English speaking students. It will focus on all areas of language arts and is designed to increase vocabulary, improve oral and written communication, reading comprehension and grammar. This class is designed for ESL students who have been in school for over one year with a qualifying language proficiency score. This class meets for one block.

ESL Reading A – 901671

Credit: .5

ESL Reading B – 901672

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

ESL Reading is a course designed especially for limited English speaking students. This course is designed to accelerate reading achievement for the ESL student enrolled in the class. Instruction, based on individual need, will be provided in phonics, spelling, vocabulary development, and comprehension skills. Strategic reading tools and metacognition will be the focus of the class.

FAMILY & CONSUMER SCIENCE

Career and Community Internship – 904263

Credit: .5

Grade Level: 12

Course Length: Semester

Prerequisite: Career and Community Internship Instructor Approval

This class is the capstone class for the Family, Community, and Consumer Services pathway and is only open to seniors who have completed the prerequisites. This course provides work-based learning experiences in a variety of occupations in the human services field. This class is accompanied by monthly meetings with the supervising teacher. Students will keep a journal, formal observations and time logs. Students **MUST** provide their own transportation to and from the work site. **A student on attendance probation or with disciplinary issues (including cutting class) may not be approved. A student who has been removed (fired) from his/her internship placement for any reason will receive an “F” and no credit for the class.**

Culinary Essentials – 904153

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester

Prerequisite: None

Culinary Essentials is an entry-level course for students with a limited background in food prep. Students will prepare for job opportunities in food service through laboratory experiences. We will combine a focus of nutrition with the coverage of food preparation skills, teamwork and leadership skills that can apply to the world of work. Course units will include safety and sanitation (food science), work habits, healthful eating, and some consumer skills. Students will develop skills to select, safely prepare, and plate the food.

Culinary Internship A – 904181

Credit: .5

SOUTH HIGH

Culinary Internship B – 904182

Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: Culinary Essentials, Culinary Menus, prior completion of or concurrent enrollment in Culinary Professionals and Culinary Internship Instructor Approval

Culinary Internship is an advanced course for students interested in food service and hospitality. First semester, students will learn about methods of food preparation, food costing, management, food sanitation and serve safe, and production skills. Students experience on-the-job training with a local food industry where food services skills are developed. Culinary Internship A & B may be taken in one semester by arrangement. Students must maintain a score of 70% or better and attendance must be 80% to remain in the class. Students **MUST** provide their own transportation to and from the work site. **A student on attendance probation or with disciplinary issues (including cutting class) may not be approved. A student who has been removed (fired) from his/her internship placement for any reason will receive an “F” and no credit for the class.**

Culinary Menus – 904163

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester

Prerequisite: Culinary Essentials

Students in Culinary Menus will continue the focus of food preparation and also seriously examine the importance of nutrition and wellness. The class will attempt to promote personal and family wellness. Students will learn practices and principles that encourage behaviors that will improve personal and family wellness. The class is an experience in learning the factors that affect wellness not only for self and family but implications for the workplace and community as well. Students will have restaurant opportunities to implement healthy choices and analyze personal decisions.

Culinary Professionals – 904173

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Culinary Essentials**

Culinary Professionals is an advanced course for students who want more information about food service and the food service industry. Students will have opportunities to learn about food service from individuals who are actively involved in the industry. Field trips to various food services establishments are an important part of the class. Each student will study various career pathways, cooking principles, management, and fundamental techniques of food preparation. Students will make practical application of information studied in previous classes by demonstrating their skills in evaluation standards of quality and by demonstrating their food handling abilities. The students will participate in the in-school food business.

Fabric Art Modules – 904053

Credit: .5

CENTRAL HIGH

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course emphasizes quilting. Safety and Basic Equipment are required modules. All other modules are elective. The student may choose to emphasize careers in fashion and merchandising, sewing for the home, quilting and other needs or fabric art projects. Students will supply materials in advance for projects. The course may be repeated with new selection of modules.

Introduction to Human Services A – 904191

Credit: .5

Introduction to Human Services B – 904192

Credit: .5

Grade Level: 9,10,11,12

Course Length: Full Year**Prerequisite: None**

This course provides a general overview of a wide variety of careers in human services and is a good introduction for the Family, Community, and Consumer Services, Teaching, and Restaurant and Event Management pathways. Employability and communication skills are covered, as well as career exploration in the areas of education, child care, social work, banking, hospitality, apparel and interior design, customer service, training, consumer credit counseling, culinary and nutritionist services, management, and administration. This course will greatly benefit students whose career goals including working with and helping other people.

Life Span Human Development – 904213

Credit: .5

Grade Level: 9,10, 11, 12

Course Length: Semester**Prerequisite: None**

A one semester technical level course open to grades 9-12. Students in this course will study human development across the life span. Topics include pregnancy, prenatal development, brain development, childhood, adolescence, and aging and family crisis. This course is recommended as a technical level course for other career pathways.

Nutrition & Wellness – 904133

Credit: .5

Grade Level: 9,10, 11, 12

Course Length: Semester**Prerequisite: None**

This course explores the relationship of basic nutrition and wellness across the lifespan. It includes an in-depth look at special dietary needs, regulations, technology, and the global impact on nutrition and food choices. The course supports the Family & Community Services and Restaurant & Event Management pathways but is also relevant to students wanting to learn more about how to maintain lifelong health through good diet and nutrition; this includes students who may want to be athletes or work in careers related to athletics, such as fitness trainers, physical education instructors, sports nutritionists, etc. **(Food preparation is not part of this course.)**

Parenting and Family Studies – 904223

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This is a one semester technical level course open to grades 9-12. Parenting and Family Studies is a course that prepares individuals to understand the nature, function and significance of human relationships within the family/individual units. This course emphasizes personality development, preparation for marriage, parenting, the responsibilities of parenting, the social and economic problems related to the modern family and the successful balancing of work and family. Concepts are combined with practical application to relate theory to everyday situations. Students will complete a wide variety of projects including use of the Empathy Belly and caring for the Real Care Baby Simulator.

Teaching Internship – 904281

Credit: .5

Teaching Internship – 904282

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisite: Teaching as a Career, a minimum of 2.00 GPA and Teaching Internship Instructor Approval**

Teaching Internship is a continuation of Teaching as a Career. This class is only open to seniors who have completed the prerequisites with a C average. This class would be beneficial for students pursuing careers in education, social work, school guidance or school administration. This course will consist of 36 weeks of work experience accompanied by monthly meetings with the supervising teacher and cooperating teacher. There will be journals, teaching assignments and formal observations to be submitted throughout the year. Students must apply with the teacher in advance. **A student on attendance probation or with disciplinary issues (including cutting class) may not be approved. Students must maintain a class average of a “C” and an attendance rate of at least 80% to remain in this class. Students MUST provide their own transportation to and from the work site.** Students can choose to earn blended credit or three credit hours through Bethany College’s Bridge Program if they complete both Teaching as a Career A and B and enroll in ED 200: Teaching as a Career through Bethany College.

Teaching as a Career A – 904231

Credit: .5

Teaching as a Career B – 904232

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: None

Teaching as a Career introduces high school juniors and seniors to the teaching profession. Students will explore the learner, the school and the role of the teacher through hands-on activities, guest speakers, field trips, classroom observations, job shadowing, and cooperative learning situations. Students will learn about the teaching profession and make visits to classrooms within the district. The field experience provides an opportunity to learn about managing and designing a classroom as a teacher. **Students MUST provide their own transportation to and from the work site.** Students can choose to earn blended credit or one credit hour through Bethany College's Bridge Program if they complete both Teaching as a Career A and B and enroll in ED 100: Introduction to Education through Bethany College.

FINE ARTS

AP Music Theory A – 962291

Credit: .5

AP Music Theory B – 962292

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Concurrent enrollment in Band, Orchestra or Choir

This course is designed for students planning to pursue a career in music. It is an in-depth and comprehensive study of music fundamentals. Students read and write musical notation, as well as analyze, compose, and perform music. Students will understand interval recognition, scales and keys, metric organization, rhythmic patterns, piano proficiency, diction, and music terminology; demonstrate aural skills through sight-singing; and use technology such as music notation software, sequencers, digital keyboards, computer-assisted learning, and Internet research. There is a class fee of \$40.

AP Studio Art 2D A – 962101

Credit: .5

AP Studio Art 2D B – 962102

Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: Art 2D

A college-level course that allows skilled students to work in depth with individual instruction in drawing and/or painting. The student will develop a total of 24-30 original works of art with pencil, charcoal/pastels, ink, collage, watercolors, acrylics, or oil painting. Students may choose to have their portfolio evaluated by the College Board in May and with satisfactory performance may receive college credit at the school they choose to attend (students are responsible for the credit fee charged by the College Board). There is a class fee of \$15.00 per semester.

AP Studio Art 3D A – 962201

Credit: .5

AP Studio Art 3D B – 962202

Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: Art 3D

A college-level course that allows skilled students to work in depth with individual instruction in sculpture, ceramics, and/or jewelry. The student will develop a total of 12-17 original works of art. Students may choose to have their portfolio evaluated by the College Board in May and with satisfactory performance may receive college credit at the school they choose to attend (students are responsible for the credit fee that is charged by the College Board). There is a class fee of \$15.00 per semester.

Art 1 A – 902001

Credit: .5

Art 1 B – 902002

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

A basic art course for beginning students interested in developing and understanding the principles of art. Primarily recommended for freshmen, the course includes all types of art media. Art 1 is a prerequisite for second year art courses. There is a class fee of \$15.00 per semester.

Art 2D A – 902041

Credit: .5

Art 2D B – 902042

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Art 1**

Higher-level course for students to explore two-dimensional media with emphasis on the principles and practices of drawing and painting. The class covers architecture, interior design, graphic design, industrial design, fashion design, and art education. There is a class fee of \$15.00 per semester, along with the cost of some materials.

Art 2D Advanced A – 902051

Credit: .5

Art 2D Advanced B – 902052

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Art 2D**

Advanced course for students in drawing, painting, and printmaking. There is an emphasis on art theory, development of student portfolios, artistic growth, and independent work. A major project is required during the second semester. There is a class fee of \$15.00 per semester, along with the cost of some materials.

Art 3D A – 902111

Credit: .5

Art 3D B – 902112

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Art 1**

This course includes units on jewelry/metalsmithing and ceramics and sculpture. Students will master hand-built and sculptural techniques as well as glazing and firing procedures. The metals unit will include cutting, metal textures and soldering. Students learn the principles of original design and fine craftsmanship. There is a class fee of \$15.00 per semester, along with the cost of some materials.

Art 3D Advanced A – 902121

Credit: .5

Art 3D Advanced B – 902122

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Art 3D**

Advanced class for students to further develop their skills and learn advanced techniques of jewelry, metalsmithing, ceramics, and sculpture. Students will learn wheel throwing along with stone setting and casting procedures. Students must be able to work independently and produce quality art projects. There is a class fee of \$15.00 per semester, along with the cost of some materials.

Band Symphonic A – 902191

Credit: .5

Band Symphonic B – 902192

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

The Symphonic Band is an elite group of experienced musicians. Membership requires an audition to determine performance ability, and instructor permission after assessing the student's disposition and performance experience. Students participate in all rehearsals and performances, before, during, and after school. Performances include marching contests, parades, football half-time shows, concerts, regional and state level solo and ensemble music festivals, Large Group Music Festival, commencement, special local events, and an out-of-state field experience every four years.

Classical Guitar – 902173

Credit: .5 SOUTH HIGH

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This class is designed for students who want to take their guitar playing skills to a higher level. Students will learn all chords and notes in first position, improvisation, new right hand techniques, and many different popular songs on guitar. The class will play on guitars furnished by the school, but students are encouraged to have their own guitar at home to practice. Students should practice independently for a minimum of one hour outside of school each week. The class will give an informal performance at the end of the semester. Purchase of a music book is required.

Elements of Acting – 901503

Credit: .5 SOUTH HIGH

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

A course where students learn the fundamentals of the acting process. Body movement, voice, and pantomime are emphasized. Students will learn stage terminology in their presentation of scenes.

Jazz Band A – 902201

Credit: .5

Jazz Band B – 902202

Credit: .5

Grade Level: 9,10,11,12

Course Length: Full Year**Prerequisite: None – Must be enrolled in either Band or Orchestra at the same time student is in Jazz Band**

This course is an advanced ensemble of experienced musicians focusing on woodwind, brass, and percussion. The repertoire will consist of all styles of jazz music. Students will learn improvisation techniques so that they may solo. Membership requires an audition to determine performance ability, and instructor permission after assessing the student's disposition and performance experience. Students participate in all rehearsals and performances, before, during, and after school. Performances are in the community, at schools, and jazz festivals. There may be opportunities to attend lectures, clinics, and master classes.

Music Theory A – 902291

Credit: .5

Music Theory B – 902292

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Concurrent enrollment in Band, Orchestra or Choir**

In-depth and comprehensive study of the fundamentals of music, music analysis, and performance. Students will learn to recognize, understand, and describe the basic materials of music that are heard or presented in a score. Students will improve aural, sight-reading, written, compositional, and analytical skills through listening, performance, and written, creative, and analytical exercises. There is a class fee of \$40.

Orchestra A – 902181

Credit: .5

Orchestra B – 902182

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

A performance group open to all students at each grade level who have previous instrumental training on violin, viola, cello or string bass. Students participate in all rehearsals and performances, during and after school hours. Opportunities are available for small ensemble training and performance. Special concert dress is required.

Repertory Theatre A – 901521

Credit: .5

Repertory Theatre B – 901522

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Theatre Arts and Audition**

This course provides serious theater students an opportunity to advance their abilities through concentrated and advanced studies in the areas of performance, direction, stage-crafts, production, and play analysis. Students participate in the school's theatrical season and represent our school in public performances. Students are selected through an audition process and may be selected for more than one year.

Technical Theatre A – 901491

Credit: .5

Technical Theatre B – 901492

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Theatre Arts**

A general purpose course for students interested in drama. Core aspects are scenic design, set construction, scene painting, theater safety, and knowledge of construction materials and their uses. Additional class time is devoted to the creation of scenery for all dramatic productions.

Theatre Arts A – 901511

Credit: .5

Theatre Arts B – 901512

Credit: .5

Grade Level: 9 (CHS), 10, 11, 12

Course Length: Full Year**Prerequisite: None**

This class covers all aspects of play production. Units include dramatic history, pantomime, improvisation, advanced acting, and production areas such as set design, costumes, marketing, make-up, etc. Students assist in one of these areas with the school productions and also develop many of these production aspects for a play of their own choice. Students may take the class for more than one year.

Vocal Advanced Mixed A – 902271

Credit: .5

SOUTH HIGH

Vocal Advanced Mixed B – 902272

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Audition**

Advanced class for gaining experience in production of music of many styles, which can include choir, ensembles, folk groups, solos, or other production experiences. Students participate in all rehearsals and vocal performances, during and after school hours.

Vocal General Male A – 902211

Credit: .5

Vocal General Male B – 902212

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

This class is open to all male students beginning their high school musical experience. Students receive extensive vocal music training and learn general music concepts. Students participate in all rehearsals and vocal performances, during and after school hours.

Vocal General Female A – 902221

Credit: .5

Vocal General Female B – 902222

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

This class is open to all female students beginning their high school musical experience. Students receive extensive vocal music training and learn general music concepts. Students participate in all rehearsals and vocal performances, during and after school hours.

Vocal Intermediate Female A – 902251

Credit: .5

Vocal Intermediate Female B – 902252

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Audition**

Advanced class for female students to gain more experience in production of music of many styles, which can include choir, ensembles, folk groups, solos, or other production experiences. Students participate in all rehearsals and vocal performances, during and after school hours.

Vocal Intermediate Mixed A – 902261

Credit: .5

CENTRAL HIGH

Vocal Intermediate Mixed B – 902262

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Length**Prerequisite: Audition**

A class focusing on production of music of many styles, which can include choir, ensembles, folk groups, solos, or other production experiences. Students participate in all rehearsals and vocal performances, during and after school hours.

Vocal Select Ensemble A – 902281

Credit: .5

Vocal Select Ensemble B – 902282

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Audition/ Instructor's Approval**

This performing group welcomes applicants who have been active in the school's music program. This highly select group performs in the community many times during the year. Students must have advanced vocal ability and physical dexterity to master program choreography. Students participate in all rehearsals and vocal performances, during and after school hours.

INDUSTRIAL ARTS

Architecture Drafting A – 905031

Credit: .5 CENTRAL HIGH

Architecture Drafting B – 905032

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: Basic Drafting/CAD

A course in architectural drawing including design and construction, preliminary sketching, plans elevation sections, and detail drawing.

Cabinetmaking 1 A – 905311

Credit: .5

Cabinetmaking 1 B – 905312

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

This course provides a general knowledge of wood and its various applications. Hand tools and machine tools are studied and used. Students develop knowledge and the ability to design and construct projects in woodworking. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student.

Cabinetmaking 2 A – 905321

Credit: .5

Cabinetmaking 2 B – 905322

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: Cabinetmaking 1

In this course, students continue the study of woods, finishing materials, furniture design, and proper operation of machine tools and carpentry. Projects built are limited only by the student's individual ability and the equipment available in the shop. This course is for students who have shown exceptional proficiency in previous woodworking courses. All phases of fine cabinet work and furniture making are introduced on a high level resulting in student selection of more difficult projects. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student.

Cabinetmaking 3 A – 905331

Credit: .5

Cabinetmaking 3 B – 905332

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Cabinetmaking 2

In Cabinetmaking 3, students advance their study of woods, finishing materials, furniture design, and proper operation of machine tools and carpentry. Students will design their own projects. This course is for students who have shown exceptional proficiency in previous woodworking courses. Students will be required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student.

Drafting – Basic A – 905013

Credit: .5

Drafting – Computer Aided B – 905063

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

This is an introduction to the fundamental procedures and methods of technical drawing and the basics of two- and three-dimensional computer-aided drafting. Students learn to read and write the language of the industry through making and using sketches, instrument drawings and blueprints. They learn the capabilities of electronic drawing and design and produce drawings with industry-standard software. This course is recommended for any student interested in STEM, a technical or a design field.

Engineering Design & Development A – 905151

Credit: .5

CENTRAL HIGH

Engineering Design & Development B – 905152

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Principles of Engineering**

This is the final course in the Engineering pathway. Students apply knowledge to real-world challenges by working in teams to define an actual engineering problem and then collaboratively develop, build, and test original solutions to that problem. Throughout, students work closely with industry professionals who provide guidance, expertise, and insight into the problem-solving process. Student teams will present, explain, and defend their solution to an outside panel. Students learn the qualities essential to the engineering field: leadership, precision, teamwork, communication and creativity.

Introduction to Engineering A – 905121

Credit: .5

CENTRAL HIGH

Introduction to Engineering B – 905122

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

This is an introduction to both the science and practical application of engineering principles. Students learn about the engineering design process, workplace safety, common tools and machines used in engineering. Students learn about historical innovations in technology, as well as the science of electricity, atomic particles, physics, fluid dynamics, and magnetism all of which underlie different inventions in widespread use. Students learn the practical, everyday applications of scientific principles and an engineering approach to problem-solving, collaboration, teamwork, and creative ideas.

Principles of Engineering A – 905051

Credit: .5

CENTRAL HIGH

Principles of Engineering B – 905052

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Basic Drafting/CAD**

This course introduces students to major concepts in engineering that they would encounter in a post-secondary program, such as; basic and complex machines, energy, tactile strength of different materials and static structures, kinematics, automation, robotics, and the math skills needed to design and use them. Students apply their knowledge and skills to solve engineering design challenges and learn how teams of engineers in the real world conduct research, develop and test solutions, and document their results. This course helps students develop critical mental habits, promoting success not only in the engineering field, but in any collaborative problem-solving. Students get an overview of the variety of careers in the fields of engineering, robotics, and scientific research. This course is part of the Engineering pathway and progresses beyond the design concepts introduced in Basic Drafting/CAD.

Research Advanced Drafting A – 905391

Credit: .5

CENTRAL HIGH

Research Advanced Drafting B – 905392

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Architecture Drafting**

Research in Architectural Drafting incorporates the concepts of Architectural Drafting along with new knowledge primarily derived through research. This includes understanding and incorporating design concepts using building codes, different construction methods, covenants and other research-based concepts related to architecture. In the first semester, students design a residential architectural set of plans followed by a commercial structure the second semester.

Residential Carpentry 1 A – 905341

Credit: .5

SOUTH HIGH

Residential Carpentry 1 B – 905342

Credit: .5

Grade Level: 10, 11, 12

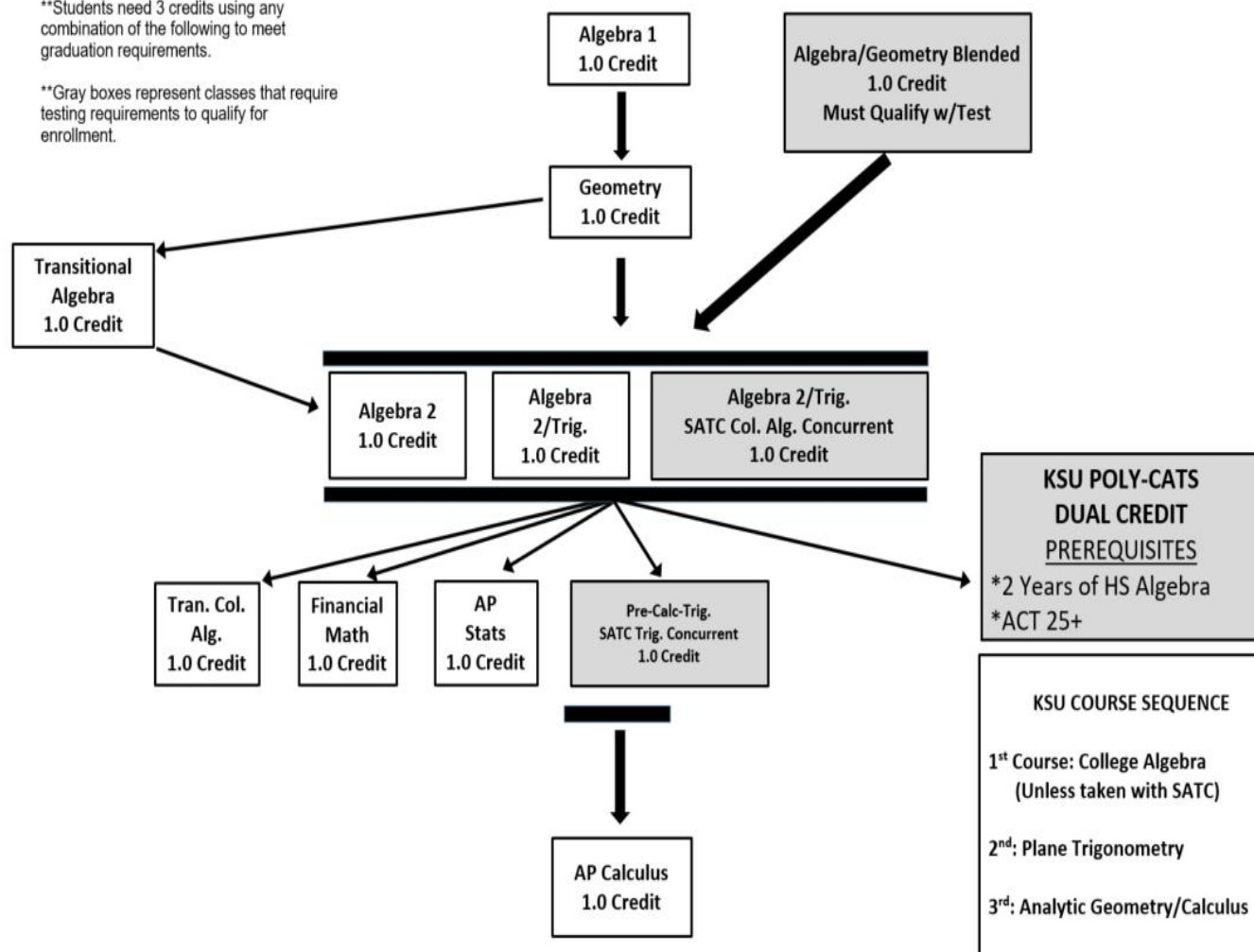
Course Length: Full Year**Prerequisite: None**

This course provides basic knowledge and skills required for construction of residential structures. Students will read blueprints, use hand and power tools, and calculate dimensions and materials cost estimates. They will identify various types of structures, and demonstrate the installation of windows, exterior/interior doors, shingles, insulation, flooring, wall and partition frames, siding, and kitchen cabinets and countertops. Prior completion of an industrial arts class such as Woodworking/Cabinetmaking 2 is highly recommended. Students are required to pay a class fee of \$20, plus the cost of materials used in projects. The amount depends on the project selected by the student.

MATH

**Students need 3 credits using any combination of the following to meet graduation requirements.

**Gray boxes represent classes that require testing requirements to qualify for enrollment.



Algebra 1 A – 906101

Algebra 1 B – 906102

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

The primary focus of this course is to present students the algebraic skills students need to be successful in their high school career. These skills include working with one or two variable equations and inequalities and their graphs; patterns; number systems; exponents, quadratics, rational expressions and their functions. This course will provide opportunities for the students to develop logical thinking skills as well as skills using graphing calculators in various situations and applications.

Credit: .5

Credit: .5

Algebra/Geometry 1 A – 906121

Credit: .5

Algebra/Geometry 1 B – 906122

Credit: .5

Grade Level: 9

Course Length: Full Year**Prerequisite: With Administrator approval**

This course combines algebra and geometry into one course. The primary focus of this course is to present students the algebraic and geometric skills students need to be successful in their high school career. Algebraic skills include working with one or two variable equations and inequalities and their graphs; patterns; number systems; exponents, quadratics, rational expressions and their functions. Geometric concepts include such topics as parallel and perpendicular lines, working with angles and triangles, similar and congruent triangles, quadrilaterals, right triangles with trigonometry, area and volume, and working with circles. This course will provide opportunities for the students to develop logical thinking skills and be presented to the formal proof, as well as provide opportunities for the students to develop logical thinking skills as well as skills using graphing calculators in various situations and applications.

Algebra 2 A – 906351

Credit: .5

Algebra 2 B – 906352

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisites: Algebra 1, Geometry**

The primary focus of this course is to provide students with further algebraic concepts while reinforcing the algebraic and some geometric concepts learned in earlier courses. This course includes such topics as algebraic expressions, functions, equations, linear systems, functions of quadratics, polynomials, exponential and logarithmic equations, and rational expressions and equations. This course is designed to increase the high school level knowledge of algebraic concepts and prepare students for post-secondary education.

Algebra 2/Trigonometry A – 906361

Credit: .5

Algebra 2/Trigonometry B – 906362

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisites: Algebra 1, Geometry**

The primary focus of this course is to provide students with further algebraic concepts while reinforcing the algebraic and geometric concepts learned in earlier courses. This course includes such topics as algebraic expressions, functions, equations, linear systems, functions of quadratics, polynomials, exponential and logarithmic equations, and rational expressions and equations, conic sections, sequences and series, statistics, periodic functions and trigonometry. This course is designed to increase the high school level knowledge of algebraic concepts and, in part, prepare students for admission to a university. Students have opportunity to earn concurrent college credit through SATC.

AP Calculus A – 966451

Credit: .5

AP Calculus B – 966452

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisite: PreCalc Trig**

This course covers analytic geometry as well as differentiation and integration of algebraic and transcendental functions with applications to the physical and social sciences. Satisfactory performance on the Advanced Placement Examination of the College Board (offered in May) entitles the student to college credit at most universities. This course is designed in part to prepare students for admission to a university. Students can also take KSU Calculus for dual credit course code KS6663.

AP Statistics A – 966401

Credit: .5

AP Statistics B – 966402

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Algebra 2**

The AP Statistics class is an option for any student who has successfully completed Algebra 2 and who is interested in furthering the development of their quantitative reasoning skills. This class will address concepts and tools for collecting, analyzing, and drawing conclusions from data. It will be helpful for students planning to major in areas such as education, psychology, sociology and health sciences. It will also serve as an effective preparatory class for those going on to take calculus based statistics in college (those majoring in engineering, science, statistics, business or math.)

Financial Math A – 906221

Credit: .5

Financial Math B – 906222

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisites: Algebra 1, Geometry, Algebra 2 or Algebra 2/Trig**

The primary focus of this course is to provide students with further algebraic applications while reinforcing the algebraic concepts learned in earlier courses. Financial math is a course that will enable students to make sound financial decisions dealing with personal or business financial management issues. Topics to be covered include compound interest of loans and investments, consumer credit issues, various payment methods, insurance, the stock market, figuring taxes, inflation and deflation, and other topics in economics and business. This course is designed to increase the high school level knowledge of algebraic concepts and, in part, prepare students for admission to a university.

Geometry A – 906201

Credit: .5

Geometry B – 906202

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Algebra 1**

The primary focus of this course is to present students the geometric skills students need to be successful in their high school career, and well as reinforcing their algebraic skills. This course includes such topics as parallel and perpendicular lines, working with angles and triangles, similar and congruent triangles, quadrilaterals, right triangles with trigonometry, area and volume, and working with circles. This course will also provide opportunities for the students to develop logical thinking skills and be presented to the formal proof.

KSU College Algebra Dual – KS6653

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college, 2 years of high school algebra and a Mathematics ACT score of 23 or higher; or 2 years of high school algebra and a Mathematics Algebra Placement Exam score of 21 or higher.

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty**. This class will count for .5 of a high school math credit toward graduation requirements. Fundamental concepts of algebra; algebraic equations and inequalities; functions and graphs; zeros of polynomial functions; exponential and logarithmic functions; systems of equations and inequalities. KSU COURSE: MATH 100 College Algebra

KSU Plane Trigonometry Dual – KS6523

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college, C or better in MATH 100; or two years of high school algebra and a Mathematics ACT score of 25 or higher; or two years of high school algebra and a Mathematics Algebra Placement Exam score of 40 or higher; or two years of high school algebra and a Mathematics Calculus Placement Exam score of 9 or higher.

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. This class will count for .5 of a high school math credit toward graduation requirements. Trigonometric and inverse trigonometric functions; trigonometric identities and equations; applications involving right triangles and applications illustrating the laws of sines and cosines. KSU COURSE: MATH 150 Plane Trigonometry

KSU Calculus Dual: Analytic Geometry & Calculus 1 – KS6663

Credit: 1.0

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college, B or better in MATH 100 and C or better in MATH 150; or three years of college preparatory mathematics including trigonometry and an Mathematics ACT score of 28 or higher; or a Mathematics Calculus Placement Exam score of 21 or higher.

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. This course will count as one year of high school calculus credit toward graduation requirements because it has a lecture and integrated lab. Analytic geometry, differential and integral calculus of algebraic and trigonometric functions. KSU COURSE: MATH 220 Analytic Geometry & Calculus

Pre-Calculus/Trigonometry A – 906371

Credit: .5

Pre-Calculus/Trigonometry B – 906372

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Algebra 2 OR Algebra 2/Trigonometry

The primary purpose of this course is to prepare the students for the modern college program in mathematics. Students who have completed this course should be able to begin their college mathematics with a course in calculus. This course integrates technology with standard “paper and pencil” analytic techniques to provide a balanced approach to the study and implementation of pre-calculus. The primary objectives are: 1.) to encourage graphical, numerical and algebraic modeling of functions as well as problem solving; 2.) to understand the fundamental concepts of algebra, trigonometry and analytic geometry; 3.) to use algebra and trigonometry to model real-life problems; 4.) to introduce important ideas of calculus. Throughout the course, importance is placed on the development of systems of mathematics. Much time is spent studying the following functions: circular, trigonometric, algebraic, exponential and logarithmic. A brief study is spent on sequences, series and limits. This course is designed in part to prepare students for admission to a university. Students have opportunity to earn concurrent college credit through SATC.

Transition Algebra A – 906111

Credit: .5

Transition Algebra B – 906112

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisites: Algebra 1 and Geometry***This course does not meet Board of Regents qualified admissions requirements.*

The primary focus of this course is application of the major concepts presented in Algebra 1 and Geometry along with additional topics that provide a solid background for a technical education. The course will align to the common core state mathematical standards emphasizing the teaching of mathematics using authentic real world scenarios, reasoning, and problem solving. The course will also include financial literacy components to prepare students for mathematical applications involving personal and business finance. The student completing this course should be prepared for either entering a technical field or for transitioning to an algebra 2 course the following year. This class does not count towards the Kansas Scholar Math requirement.

Transition to College Algebra A – 906381

Credit: .5

Transition to College Algebra B – 906382

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisites: Algebra 1, Geometry and Algebra 2**

This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. Mathematics topics include: numeracy; manipulating and evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving tables; verbal, algebraic, and graphical interpretations of functions; rational expressions; solving systems of linear and quadratic equations; properties of higher degree equations; and operations with rational exponents. The course was developed to align with both the Kansas College and Career Readiness Standards and the developmental math outcomes of the Kansas Board of Regents.

ORAL COMMUNICATION

Debate – 901121

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Fall Semester

Prerequisite: None

This class provides an introduction to the theories and principles of debate. Emphasis is placed on learning through participation in practice and competitive debating. The course involves public speaking, argumentation, and research and analysis of the current debate topic. Students are **required to travel to tournaments throughout the semester**. To participate in debate a student must remain eligible according to the Kansas Activity Association rules.

Debate Advanced – 901221

Credit: .5

Grade Level: 10, 11, 12

Course Length: Fall Semester

Prerequisite: Debate

This course develops and refines the principles established in Debate. More emphasis is placed on the competitive aspects of tournament debating. Regional and state tournaments are the climax of the course. To participate in advanced debate a student must remain eligible according to the Kansas Activity Association rules.

Forensics – 901233

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Spring Semester

Prerequisite: None

Forensics is advanced speech offering the student an opportunity to specialize in four of the following fields: Oratory, Extemporaneous, Informative Speech, Oral Interpretation of Prose or Poetry, Duet Acting, Dramatic Interpretation, Humorous Interpretation, and Lincoln-Douglas Debate. Students are required to **participate/travel to forensic competition** with the Regional and State Speech and Drama competitions being the climax of the course. To participate in Forensics a student must remain eligible according to Kansas Activity Association rules.

Forensics Advanced – 901332

Credit: .5

Grade Level: 10, 11, 12

Course Length: Spring Semester

Prerequisite: Forensics

Advanced Forensics develops and refines the principles established in Debate. Students will have an opportunity to specialize in two major events for competition. The categories of events are as follows: Limited Prep, Interpretation, Acting, Speaking, or Debate. Students are required to participate/travel to at least 5 forensic competitions with the State Speech and Drama competition being the climax of the course. To participate in forensics competition the student must be eligible according to Kansas Activity Association rules.

KSU Speech Dual: Public Speaking 1 – KS6593

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty**. The course fulfills both high school speech graduation requirement as well as the KSU college speech requirement. Principles and practice of message preparation, audience analysis, presentational skills, and speech criticism permitting greater practice in oral presentation. KSU COURSE: COMM 106 Public Speaking

Speech – 901393

Credit: .5

Grade Level: 9 (CHS), 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course is designed to elicit practical application of the basic principles of good public speaking. Emphasis is placed on speech, organization, vocabulary, diction, eye contact, poise, gestures, body language, and other skills gained by participating in various types of speaking situations. Students can also take KSU Speech for dual credit for both college and high school credit. See KSU Speech Dual or KS6593.

PHYSICAL EDUCATION

Conditioning A – 907111

Credit: .5

Conditioning B – 907112

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite for grade 9 students: Summer weightlifting and administrator permission is required.

Prerequisite for grade level 10, 11, and 12 students.

This course is designed for the student who wants to train with **intensity** on a daily basis to improve his/her physical performance in athletics and everyday life. Students will gain the understanding of how to train consistently and safely to enhance physical performance based in areas of skill-related fitness: agility, balance, coordination, power and speed. Students will perform daily workouts that will include weightlifting, stretching, agility drills, speed drills, and polymeric exercises. An additional fee per semester will be assessed for this class.

Health – 907003

Credit: .5

Grade Level: 9

Course Length: Semester

Prerequisite: None

Health education is the study of the physical, social, emotional, mental and spiritual health as related to individual wellness and personal responsibility. Students will be exposed to a conceptual approach to dealing with health problems relating to student choices of lifestyle. Units offered include: mental health, choosing wellness, physical fitness, nutrition, sex education, AIDS and other STDs, substance abuse and CPR certification.

Personal Fitness A – 907101

Credit: .5

Personal Fitness B – 907102

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite for New Students: None

Prerequisite for students REPEATING Personal Fitness: Administrator permission is required.

This course is designed for the student who wants to improve his/her physical fitness to enhance his/her physical abilities and appearance in everyday life. The student can expect to learn the basic principles and techniques of weight training, stretching and cardiovascular health that promote life-long fitness. Students will gain the understanding of how to exercise consistently and safely to promote functional health in the five areas of health-related fitness: cardiovascular fitness, flexibility, muscular strength, muscular endurance, and body composition. Students will perform daily workouts that will include weightlifting, stretching, and walking or running. An additional fee per semester will be assessed for this class.

Physical Education 1 – 907023

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester

Prerequisite: None

Physical Education 1 presents a conceptual approach to physical education to teach students the how, what and why of physical exercise and activity. Emphasis will be placed on social and emotional growth necessary for an active life. The outcome of this class is for students to accept responsibility for their personal health. Prevention of illness and poor health will be emphasized. Students will learn skills in a variety of activities, games, and rhythms. This class offers students opportunities to learn skills and knowledge that will serve as a foundation for lifetime health and fitness.

Physical Education 2 – 907033

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Physical Education 1**

Physical Education 2 emphasis is placed in three areas: fitness principles, nutrition and stress management. PE 2 also emphasizes motor skill development necessary for the playing of certain individual and team activities. This class presents knowledge of rules and skills necessary to show student growth in team sports, individual fitness, and recreational activities.

Physical Education Advanced – 907043

Credit: .5

Grade Level: 11, 12

Course Length: Semester**Prerequisite: None**

This course promotes skills through individual and team recreational activities. Emphasis will be placed upon recreational skills and lifetime sports for individual students. This course may only be taken once.

SCIENCE

CNA (Certified Nurse Aide) – ALH101

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Students must be 16 years of age. ACCUPLACER testing completed with a reading level of 8th grade or higher

Through a variety of classroom and/or shop/lab learning and assessment activities, students in this course will focus on the basic concept of the role of a certified nurse aide in the long term care setting. Students discuss the personal and professional characteristics and legal and ethical standards for the certified nurse aide role. Lab and clinical time are utilized to complete a checklist as well as the clinical requirement of the Certified Nurse Aid Program, practicing and demonstrating skills to become a CNA.

CMA (Certified Medication Aide) – ALH110

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Students must be 18 years of age by the end of the course, have a current CNA license and a minimum of 25 hours clinical practice in a nursing facility. ACCUPLACER testing completed with a reading level of 8th grade or higher

Through a variety of classroom and/or shop/lab learning and assessment activities, students in this course will provide Certified Medication Aids the skills and knowledge of safely and effectively administering medications in the scope of a CMA in the State of Kansas. The student will demonstrate and practice medication administration by mouth meds, ear and eye drops, suppositories, and inhalants. The medication aide will be able to read and understand medication terminology and medication orders within their scope of practice.

Medical Terminology – HEA103

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Students must be 16 years of age. ACCUPLACER testing completed with a reading level of 8th grade or higher

This course will orient students on the structure of medical terms, the combining of prefixes, root words, and suffixes. Proper vocabulary and spelling of terms related to each body system will be explored. The anatomy, physiology and pathophysiology of each system will be explored.

Legal Concepts – ALH134

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Students must be 16 years of age. ACCUPLACER testing completed with a reading level of 8th grade or higher

This course will explore the issues involving ethics and law for the Allied Health medical worker. In this course we will cover the fundamental aspects of the health care ethics and law related to the allied health worker. You will learn the introduction to medical law, ethics, and bioethics to include the legal system, patient confidentiality and HIPAA. Also topics to be covered are professional liability and medical malpractice, workplace law and ethics, and handling the medical record in an ethical manner.

AP Biology A – 968201

Credit: .5 SOUTH HIGH

AP Biology B – 968202

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Biology**

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. AP Biology will include those topics regularly covered in a quality college program in introductory biology; including biochemistry, cell structure and function, metabolism, genetics, molecular basis of inheritance, DNA technology, evolution, microbiology, classification, plants, animals, animal physiology and ecology. This class will require twelve Biology AP laboratories. Furthermore, all the above topics are integrated throughout the course using eight major themes from the AP Biology Curriculum Requirements (i.e. Science as a Process, Evolution, Energy Transfer, Continuity and Change, Relationship to Structure and Function, Regulation, Interdependence in Nature, Science, Technology and Society). There will also be an opportunity for independent research and practice of the scientific peer review of information. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in chemistry as well. This course will provide students with conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. The second semester of this course is offered for concurrent credit through Salina Area Technical College.

AP Chemistry A – 968301

Credit: .5 SOUTH HIGH

AP Chemistry B – 968302

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Chemistry 1**

This course is designed for the college-bound student with a strong interest in science or in pursuing a career in chemistry, chemical engineering, biology, pre-med, or other related science fields. This course will include an in-depth review of inorganic chemistry topics in addition to the study of thermodynamics, reaction kinetics, oxidation-reduction reactions, chemical equilibrium, electrochemistry, and qualitative analysis. All topics will be extensively reinforced with laboratory experience. Students may choose to take the Advanced Placement Chemistry examination offered by Collegeboard in May. Satisfactory performance on the exam will receive college credit at most universities. This course is designed in part to prepare students for admission to a university. The second semester of this course is offered for concurrent credit through Salina Area Technical College.

AP Physics 1 A – 968361

Credit: .5 CENTRAL HIGH

AP Physics 1 B – 968362

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Algebra 2 or concurrent enrollment**

This physics course will provide students interested in physics or a physics related career such as engineering, astronomy, medical or mathematics with an opportunity to learn physics topics at a college level pace. Designed to parallel the first semester college algebra-based physics, AP Physics 1 will explore the topics of kinematics, Newton's Laws of motion, torque, rotational motion, angular momentum, gravitation and circular motion, work, energy, power, linear momentum, oscillations, mechanical waves and sound and electric circuits. Along with preparing students for college admission, upon completion of this course, students will be eligible to take the Advanced Placement Physics 1 exam which could allow advanced placement in college. The second semester of this course is offered for concurrent credit through Salina Area Technical College.

AP Physics 2 A – 968371

Credit: .5

AP Physics 2 B – 968372

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Algebra 2 and AP Physics 1 or Physics**

This physics course will provide students interested in physics or a physics related career such as engineering, astronomy, medical or mathematics with an opportunity to pursue advanced topics in physics not covered in AP Physics 1. Designed to parallel the requirements of a second semester college algebra-based physics course, AP Physics 2 will explore through course work, labs and inquiry learning the topics of fluid statics and dynamics, thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, physical and geometric optics, topics in modern physics. Along with preparing students for college admission, upon completion of this course, students will be eligible to take the Advanced Placement Physics 2 exam which could allow advanced placement in college.

Biology A – 908201

Credit: .5

Biology B – 908202

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: None**

Biology is a life science course that fulfills one science credit toward graduation. Emphasis is placed on individual study and laboratory experiences. The course explores the theoretical foundations of biology; the nature of science, cell structure and function, genetics, evolution, the diversity of life, and ecology. Each student is expected to maintain a notebook containing his/her course materials. This course is designed in part to prepare students for admission to a university. This course is also offered as dual credit at KSU: Dual Biology w/Integrated Lab KS6533.

Chemistry A – 908301

Credit: .5

Chemistry B – 908302

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Algebra 1**

This course introduces the field of chemistry, dealing with substances making up our environment and the changes these substances undergo. Topics include atomic structure, atomic theory, standard measurements, mass-mole relationships, chemical bonding, chemical equations, gas laws, solution process, acids and bases, ionization and titration. Laboratory experience provides the student with laboratory equipment use and procedures. This course is designed in part to prepare students for admission to a university. This course is also offered as dual credit at KSU: Dual Chemistry KS6563 w/Integrated Lab KS6573.

Earth/Space Science A – 908101

Credit: .5

Earth/Space Science B – 908102

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

Earth/Space Science is the introductory science class for freshmen. This course focuses on Earth as a planet and on the basic concepts and theories of Earth science and their relevance to everyday life. Students will examine Earth's place in the solar system and, after a general introduction to Earth science, will explore in more detail the materials of Earth, its internal and external processes, and its history. The course draws on astronomy, biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from other evidence. The characteristics of the solar system will include the motion and structure of the universe and space exploration.

Environmental Science A – 908211
Environmental Science B – 908212

Credit: .5 CENTRAL HIGH
Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: This course is recommended to be taken during the junior or senior year after taking either chemistry or physics or both.

Environmental Science incorporates biology, chemistry, physics, physical science and introduces students to key concepts, principals and theories within environmental science. Investigations are used in this course to explain and understand the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real world applications. It includes inquiry-based laboratory experiences that engage students in asking valid scientific questions and gathering and analyzing information. Environmental Science students will make scientifically sound decisions about local, national and global issues.

Essentials of Anatomy & Physiology A – 908361
Essentials of Anatomy & Physiology B – 908362

Credit: .5 CENTRAL HIGH
Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: None

This is a course designed to provide an overview and general understanding of the human body systems. Students that want to examine and explore the functioning and structure of the human body would benefit from this course. The course is designed as a high school anatomy class that will help students better understand their own bodies, human disease, and health related issues. Students will have the opportunity to investigate and research health issues that affect them directly as an individual. Essentials of A & P is not considered a college preparatory course, but a course that is intended for a student that wants to pursue a career related to health services. Students enrolled in the health occupations (CNA or CMA) may want to take this course as an elective.

Human Anatomy & Physiology A – 908371
Human Anatomy & Physiology B – 908372

Credit: .5
Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: Biology

Human Anatomy & Physiology is a detailed introduction to the structures and functions of the human body. This course is an advanced biology course, and will provide students with a base knowledge adequate to prepare them to study either biology or a medical profession in college. Students interested in vocational work involving health care will also find this course useful. Topics are organized into units covering the major organ systems of the body. Emphasis will be placed on detailed knowledge of the structures of these systems (anatomy), and how those structures work together to allow optimal functioning (physiology). Supplementing this will be student led research and applicable lab experiences. Students will also be presented with opportunities to apply what they learn about the human body to make informed and intelligent personal decisions. This course is designed in part to prepare students for admission to a university.

KSU Biology Dual: Principles of Biology w/Integrated Lab – KS6533 Credit: 1.0

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. At least one year of high school algebra. This class requires an integrated lab.

This course provides dual credit on campus at Kansas State University Salina with KSU faculty.

The class is 4 credit hours at Kansas State University Salina and will count as a year of high school biology because it has the lecture portion and the integrated lab. An introductory course for majors and non-majors focusing on plants, animals and microbes. Specific areas covered include biological molecules, cells, genetics, energy flow, physiology, ecology, and evolution. Two two-hour studio sessions incorporating lecture and lab elements. KSU COURSE: BIOL 198 Principles of Biology

KSU Chemistry Dual: General Chemistry – KS6563

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. At least one year of high school algebra. Must be scheduled along with Gen. Chem. Lab KS6573.

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for one year of high school chemistry if the student completes the lecture KS6563 and lab class General Chemistry Lab KS6573 through KSU. Principles, laws, and theories of chemistry; important metallic and nonmetallic substances. Three hours lecture a week. KSU COURSE: CHM 110 General Chemistry

KSU Chemistry Dual: General Chemistry Laboratory – KS6573

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. At least one year of high school algebra. Must be scheduled along with Gen. Chem. KS6563

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for one year of high school chemistry if the student completes the lecture KS6563 and lab class General Chemistry Lab KS6573 through KSU. Principles, laws, and theories of chemistry; important metallic and nonmetallic substances. Three hours lecture a week plus a lab that requires three hours a week. KSU COURSE: CHM 111 General Chemistry Lab

KSU Physics Dual: General Physics w/Integrated Lab – KS6673

Credit: 1.0

Grade Level: 10, 11, 12

Course Length: Semester

Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college. MATH 150 or one and one-half units of high school algebra and one unit high school trigonometry. This class requires an integrated lab.

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class is four credit hours at Kansas State University Salina and will count as a year of high school physics because it has the lecture portion and the integrated lab. A basic development of the principles of mechanics, heat, fluids, oscillations, waves and sound. Emphasis is on conceptual development and numerical problem solving. Two hours lecture, one-hour recitation, one hour quiz, and two hours lab week. KSU COURSE: PHYS 113 General Physics w/Integrated Lab

Medical Internship Rotation – 908413

Credit: .5

Grade Level: 12

Course Length: Semester**Prerequisite: Medical Investigations 1 & 2, Prior completion of, or concurrent enrollment in Human Anatomy & Physiology, and Medical Internship Instructor Approval**

Seniors who are interested in an internship in a health care career may enroll in Medical Internship Rotation. This course is for seniors **ONLY**. Students will select two to three health career professions to observe during their internship. Student **MUST** provide his/her own transportation and must complete a minimum of 30 internship hours at their work site. Additional assignments will be required by the school sponsor. Applicants must attend a mandatory meeting and complete the required paperwork in May for next year's enrollment. Salina Regional Health Center requires that a TB test, flu shot, and vaccination for COVID-19 is completed when application is turned in. The Medical Internship Instructor will work to make placements. Students may be required to complete an interview/written essay for their internship placements. Students must meet required prerequisites to enroll in this course. **A student on attendance probation or with disciplinary issues (including cutting class) may not be approved. A student who has been removed (fired) from his/her internship placement for any reason will receive an "F" and no credit for the class.**

Medical Investigations 1 – 908401

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

Medical Investigations 1 is a one semester course for the student who is interested in a career in the medical field. Students will learn basic skills inherent to all health care professionals and will practice and apply these skills through selected activities. This course lays the foundation for students eventually entering Medical Internship Rotation their senior year.

Medical Investigations 2 – 908402

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Medical Investigations 1**

Medical Investigations 2 is the second semester of a yearlong investigation into medicine or health care as a career field. Students in the second semester will have the opportunity for additional community based experiences, further development of basic medical skills and the application of those skills. Field trips to observe various medical workplaces are an important component of the course. Students will be better prepared to be successful in Medical Internship Rotation class.

Physical Science A – 908151

Credit: .5

Physical Science B – 908152

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: None**

Physical Science is designed as an introductory course for the physical sciences including chemistry and physics. The course should give students not only a fundamental vocabulary and working knowledge of the physical sciences, but also an appreciation of the role of science in society.

Physics A – 908351

Credit: .5

Physics B – 908352

Credit: .5

Grade Level: 10,11, 12

Course Length: Full Year**Prerequisite: None**

This physics course will prepare the student for college level science and mathematical problem solving and give them a strong background for further study in physics classes needed for physics related careers such as engineering, astronomy, medical or mathematics. Through course work, directed and inquiry based lab topics of study will include kinematics, Newton's Laws of motion, torque, rotational motion, angular momentum, gravitation and circular motion, work, energy, power, linear momentum, oscillations, mechanical waves and sound and electric circuits. Along with preparing students for college admission, upon completion of this course, students could further their study in Physics by taking AP Physics 1 or AP Physics 2. This course can also be taken as dual credit at KSU: Dual Physics w/Integrated Lab KS6673. The second semester of this course is offered for concurrent credit through Salina Area Technical College.

Sports Medicine – 908803

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course introduces students to the health care needs specific to professional sports, athletes, athletic competitions, and supervised physical activity. Students will learn the multidisciplinary approach to athletic health care and get an introduction to basic body systems, physical and mental demands of athletics and sports, kinesiology, types of injuries and trauma common to specific sports and how these are treated, as well as preventive medicine and practices that help reduce risk of injury.

SOCIAL SCIENCE

American History A – 909311

Credit: .5 CENTRAL HIGH

American History B – 909312

Credit: .5

Grade Level: 11

Course Length: Full Year

Prerequisite: None

This course concentrates on the history of America in the twentieth century. After reviewing the origins of this country, the course will provide an in-depth study of the political, economic, social and cultural history of twentieth century America.

American Justice – 909133

Credit: .5

Grade Level: 11, 12

Course Length: Semester

Prerequisite: None

American Justice is a social science exploration course focused on the criminal justice system. Students will consider how social, psychological, behavioral, and economic factors contribute to the complexity of criminal behavior. The class will analyze Constitutional law and how it provides a framework for societal debates regarding fairness and justice. These debates include policing strategies, use of force, mass incarceration, immigration policy, punishments for juvenile offenders, and the death penalty. Students will be trained in their Constitutional rights and responsibilities during police encounters and will analyze the role of precedent in establishing law and criminal policy. Finally, the course will evaluate the enduring legacy of race and civil rights in the criminal justice system and weigh the validity of reform proposals within the topics of cops, courts, and corrections. **Students can choose to earn blended credit or three credit hours through Bethany College's Bridge Program if they complete American Justice and enroll in CJ 100: Criminal Justice through Bethany College or BC1000.**

American Studies SS A – 909321

Credit: .5 SOUTH HIGH

American Studies SS B – 909322

Credit: .5

Grade Level: 11

Course Length: Full Year

Prerequisite: None

This course will meet the learning objectives and common core outcomes for both the junior level English course and the junior level social studies course. **Students enrolled in this course will meet daily and must be enrolled in both American Studies English and American Studies SS.** This integrated social studies and English course provides students the opportunity to study American culture through integrated units of history and civics, literature, scientific innovation, and fine arts. Students will analyze how the thinking in a historical period can affect the arts and sciences as well as how the arts and sciences impact change and affect our overall culture. Although the course will begin with review of the founding of the United States and early social and political thought, the primary focus will be on the years 1865 through 1972, covering such units as reconstruction, westward expansion, the Gilded Age, urbanization and the Progressive Era, America during World War I, the Jazz Age, the Great Depression, America during World War II, the Cold War, the Civil Rights Movement, and the Vietnam War. Students will create learning portfolios for each unit of instruction. Students will write in a variety of genres, will evaluate documents and literature central to the development of American culture, and will participate in project based assessments driven by guided and independent research.

AP American History A – 969311

Credit: .5

AP American History B – 969312

Credit: .5

Grade Level: 11

Course Length: Full Year**Prerequisite: None**

The aim of this course is to provide the student with a learning experience equivalent to that obtained in most college introductory United States history courses. Students may choose to take the AP examination offered by the College Board in May. Satisfactory performance on the exam will receive college credit at most universities. The course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. This course is designed in part to prepare students for admission to a university.

AP Government & Politics – 969433

Credit: .5

Grade Level: 12

Course Length: Semester**Prerequisite: None**

This course will give students an analytical perspective on government and politics in the United States. It will include both the study of general concepts used to interpret US politics and the analysis of specific examples. The roles of the various institutions, groups, beliefs, and ideas that constitute US politics will be identified and analyzed. This course is designed in part to prepare students for admission to a university.

AP Macroeconomics – 969453

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

The purpose of AP Macroeconomics is to give students a thorough understanding of the principles that apply to an economic system as a whole. This course will place a particular emphasis on the study of national income and price determination, and allow the students to develop an understanding of economic performance measures, economic growth, and international economics. This course is designed in part to prepare students for admission to a university. SHS 9th Grade students can take this class in place of either Social Studies 1 or 4 but not both.

AP Psychology A – 969111

Credit: .5

AP Psychology B – 969112

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: None**

Psychology is the scientific study of human thought and behavior. The AP Psychology course is an academic class designed to provide motivated students with a learning experience equivalent to that obtained in most college introductory psychology courses. With emphasis on the ethics of systematic methods psychologists use in their science and practice, the course will expose students to the following topics: history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. This course will help the student prepare for the AP examination and provide in-depth information through the use of research projects, class discussion, activities, demonstrations, extensive reading, and formal writing assignments. Students will design and perform a psychological experiment and complete an APA style research report including oral, written, and visual components. Comprehension of a college-level textbook is required. This class is intended for students who have average to above average skills in reading and writing and can work independently. Students may choose to take the AP examination offered by the College Board in May and with satisfactory performance may receive college credit at the school they choose to attend. This course is designed in part to prepare students for admission to a university.

AP World History A – 969211

Credit: .5

AP World History B – 969212

Credit: .5

Grade Level: 10

Course Length: Full Year**Prerequisite: None**

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. This course is designed in part to prepare students for admission to a university.

Constitution – 909413

Credit: .5

CENTRAL HIGH

Grade Level: 12

Course Length: Semester**Prerequisite: None**

Constitution is a course which stresses the development of the condition and structure of the federal government with emphasis on the Constitution of the United States. A purpose of the course is to promote and develop responsible citizenship.

Criminal Investigation – PLS101

Credit: .5

SOUTH HIGH

Grade Level: 12

Course Length: Semester (Spring)**Prerequisite: Law Enforcement Operations and Procedures, Criminal Procedures, and concurrent enrollment in Criminal Justice Interview and Report Writing; student must have and maintain a 2.5 cumulative GPA**

This course explores the basics of issues concerning investigative techniques. Topics covered include effective interview and interrogation techniques, crime scene management, identification, and proper collection of evidence, lab processes used for evidence, crime scene documentation methods, case preparation, and courtroom presentation. Course covers how to prove the elements of crimes as defined by Kansas Law.

Criminal Justice Interview and Report Writing – PLS120 Credit: .5 SOUTH HIGH

Grade Level: 12

Course Length: Semester (Spring)**Prerequisite: Law Enforcement Operations and Procedures, Criminal Procedures, and concurrent enrollment in Criminal Investigation; student must have and maintain a 2.5 cumulative GPA**

This course focuses on the unique types of writing required in a criminal justice career. Students are required to gather pertinent information and then record that information by writing a variety of report narratives representative of those prepared by individuals working in a profession within the criminal justice system.

Criminal Procedures – PLS105

Credit: 5

SOUTH HIGH

Grade Level: 12

Course Length: Semester (Fall)**Prerequisite: Introduction to Fire Science, Introduction to Criminal Justice, Introduction to Emergency Communication, and concurrent enrollment in Law Enforcement Operations and Procedures; student must have and maintain a 2.5 cumulative GPA**

This course introduces basic court system procedures and the jurisdiction of the courts. It also focuses on the constitutional and other legal requirements that affect law enforcement practices and procedures. Specific topics include confessions and interrogations, identification procedures, arrest, search and seizure, and admissibility of evidence.

Economics – 909423

Credit: .5 CENTRAL HIGH

Grade Level: 12

Course Length: Semester**Prerequisite: None**

Economics is a course that places a major emphasis on the basic economics concepts of a free enterprise economy. A second objective of the course is the development of an appreciation of attitudes necessary for the successful operation of the American capitalistic system. Topics of study include: units in the study of supply and demand, free enterprise, government finance, and money and banking.

HCC Blended: General Psychology – HC9323

Credit: .5

Grade Level: 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to HCC as a Non-Degree Student, Enrollment at Hutchinson Community College is required**

This course is a semester long course and will be offered for blended credit through Hutchinson Community College. Students will have the ability to receive credit for PS100 General Psychology. This course will be a virtual course that is taught by Hutchinson Community College faculty and facilitated by the psychology teacher at the high school. The course will provide a survey of the fundamental principles of behavior including physiological, perceptual, historical, methodological, learning, memory, development, motivational, emotional, social, and applied perspectives. This is a college level course and enrollment in blended credit is required. HCC COURSE: PS 100 General Psychology

Intro to Emergency Communication – PSS101

Credit: .5 SOUTH HIGH

Grade Level: 11,12

Course Length: Semester (Fall)**Prerequisite: Prior completion of, or concurrent enrollment in Introduction to Criminal Justice; student must have and maintain a 2.5 cumulative GPA**

This course provides an introduction. This position is typically tasked with receiving, processing, transmitting, and conveying public safety information to dispatchers, law enforcement officers, firefighters, emergency medical, and emergency management personnel. This course seeks to define training and certain knowledge and skills for various public service agencies as related to emergency communications. Preference is given to juniors for this class enrollment.

Intro to Criminal Justice – PLS100

Credit: 5 SOUTH HIGH

Grade Level: 11,12

Course Length: Semester (Spring)**Prerequisite: Intro to Emergency Communication; student must have and maintain a 2.5 cumulative GPA**

This course explores the major components involved in the study of ethics and applies those components to the field of criminal justice. Focus is placed on the code of conduct and ethics of those employed in the criminal justice field. The goal of the course is to produce professionals who are not only critical thinkers, but who have the skills necessary to pursue sound ethics in their day-to-day decisions and activities. Preference is given to juniors for this class enrollment.

Intro to Public Service Careers – 909143

Credit: .5

Grade Level: 9,10,11, 12

Course Length: Semester**Prerequisite: None**

Beginning with a broad overview of the Government and Public Administration career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Fire and Police Science IPS. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

KSU Economics/S.S. 4 Dual: Principles of Macroeconomics – KS6603

Credit: .5

Grade Level: 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**This course is provided for dual credit on campus at Kansas State University Salina with KSU faculty.

The class will count for a .5 credit of either economics (CHS) or social studies 4 (SHS). Basic facts, principles, and problems of economics; determination of the level of output, employment, and the price level; the monetary and banking system; problems and policies of economic instability, inflation, and growth; principles of economic development; other economics systems. KSU COURSE: ECON 110 Macroeconomics

KSU Economics/S.S. 4 Dual: Principles of Microeconomics – KS6613

Credit: .5

Grade Level: 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**This course is provided for dual credit on campus at Kansas State University Salina with KSU faculty.

The class will count for a .5 credit of either economics (CHS) or social studies 4 (SHS). Basic facts, principles, and problems of economics including study of the determination of prices; the determination of wages, rent, interest, and profit; theory of the firm; monopoly and government regulation; international economic relations. KSU COURSE: ECON 120 Microeconomics

KSU Psychology Dual: General Psychology – KS6693

Credit: .5

Grade Level: 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**This course is provided for dual credit on campus at Kansas State University Salina with KSU faculty.

The class will count for one .5 credit of either psychology or general psychology. An introductory survey of the general content areas of psychology, including methods, data and principles. KSU COURSE: PSYCH 110 General Psychology

KSU Sociology Dual: Introduction to Sociology – KS6703

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: Parent Permission, Admitted to KSU as Non-Degree Student, 2.0 Cumulative GPA, and meet the ACT or placement exam scores required by the college**

This course is provided for dual credit on campus at Kansas State Salina with KSU faculty. The class will count for a .5 credit of sociology. Development, structure, and functioning of human groups; social and cultural patterns; and the principal social processes. KSU COURSE: SOCIO 211 – Introduction to Sociology

Law Enforcement Operations and Procedures – PLS115

Credit: .5

SOUTH HIGH

Grade Level: 12

Course Length: Semester (Fall)**Prerequisite: Introduction to Fire Science, Introduction to Criminal Justice, Introduction to Emergency Communications, and concurrent enrollment in Criminal Procedure; student must have and maintain a 2.5 cumulative GPA**

This course examines the role of police in society and the application of key concepts to policing scenarios. Students identify, discuss and assess critical police practices and processes to include deployment, arrest procedures, search strategies and other operational considerations.

Psychology – 909113

Credit: .5

Grade Level: 10, 11, 12

Course Length: Semester**Prerequisite: None**

This course studies the fascinating subject of human behavior. Emphasis is placed on helping students discover new ways of looking at themselves and interpreting the behavior of others. Attention is also directed toward topics that have practical use in everyday life and that will be addressed in college general psychology courses including scientific research, the brain, learning, memory, intelligence, personality, grief and abnormal behavior. This course is designed in part to prepare students for admission to a university.

Social Studies 1 – 909101

Credit: .5 SOUTH HIGH

Grade Level: 9

Course Length: Semester**Prerequisite: None**

Social Studies 1 is an integrated study of the fundamental historical, geographic, economic, and governmental underpinnings of Ancient, Medieval, and Renaissance civilizations. The course will include a study of how civilization began and the fundamental features of all successful civilizations. We will also analyze the long-term causes and effects of the decline of civilizations. Additionally, this course will begin to evaluate the growing global interdependence that has accompanied the increased contact among the cultures of the world. This course is designed in part to prepare students for admission to a university.

Social Studies 2 A – 909201

Credit: .5 SOUTH HIGH

Social Studies 2 B – 909202

Credit: .5

Grade Level: 10

Course Length: Full Year**Prerequisite: None**

Social Studies 2 is an integrated study of the development of modern economic and political systems within their geographic and historical context. The course will include a study of the continued growth of global interdependence and its impact on industrializing nations and the regions they engaged in search of markets and resources. We will begin to analyze the increased role technology played in shaping the growth of wealth, conflict, and power in emerging nations of the world, and evaluate the impact these changes had on traditional belief systems. This course is designed in part to prepare students for admission to a university.

Social Studies 3 A – 909301

Credit: .5 SOUTH HIGH

Social Studies 3 B – 909302

Credit: .5

Grade Level: 11

Course Length: Full Year**Prerequisite: None**

Social Studies 3 is an integrated study of the growth and development of America from its near collapse during the Civil War to its emergence as a world power in the mid-20th century. This course will focus on social, economic, and political problems facing the United States during the last 150 years. We will also examine how America's role in geopolitics has evolved over the last century. In addition, current events will be emphasized as they apply to America's ongoing role as the world's only super power. Topics will include industrialization, civil rights, political reform, world and regional wars, immigration, the shifting global economy and international relations. This course is designed in part to prepare students for admission to a university.

Social Studies 4 – 909401

Credit: .5 SOUTH HIGH

Grade Level: 12

Course Length: Semester**Prerequisite: None**

Social Studies 4 will explore the period in history from the end of Vietnam and Watergate through the modern era. This class will place special emphasis on governmental and economic issues that will affect students as they prepare to enter adult life.

Sociology – 909123

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Semester**Prerequisite: None**

Sociology studies the perplexing causes and consequences of human relationships. The focus is on the role of the individual in groups and their impact on society. Relevant issues and topics such as deviant behavior, spousal abuse, the family, and war and violence are given attention in the course. The student is provided with class sessions to perform inquiry into possible solutions to human problems. This course is designed in part to prepare students for admission to a university.

World History A – 909211

Credit: .5

CENTRAL HIGH

World History B – 909212

Credit: .5

Grade Level: 10

Course Length: Full Year**Prerequisite: None**

This is a survey course which studies the patterns of human interaction from the Renaissance to modern times. It is designed to give students the intellectual tools necessary for living in an increasingly small world; to expand their understanding and appreciation of diverse cultures; and to enhance their knowledge of the accomplishments -- and mistakes -- of the past. In addition to identifying significant historical events and personalities, the course emphasizes contemporary world issues and their underlying causes. This will involve the study of religions, philosophies, and aesthetic heritages.

WORLD LANGUAGES

The study of language requires daily usage of a student's verbal skills. To guide students in enrollment, it is recommended that students have at least "C" grades in English before enrolling in a language. All students will be required to demonstrate proficiency in the prerequisite levels of a world language before enrolling for the second and third year courses.

French 1 A – 903011

Credit: .5

French 1 B – 903012

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year

Prerequisite: None

French 1 is a course which first builds on the skills of listening, speaking, writing and reading. Student success is dependent on daily attention and participation, on written and oral practice, and on interest in communicating. Emphasis is placed on developing an active functional vocabulary and on learning basic grammar. Geography, culture and customs are also highlighted. The study of the French language will improve the student's English vocabulary and grammar skills and help in preparation for the ACT test.

French 2 A – 903021

Credit: .5

French 2 B – 903022

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year

Prerequisite: French 1

French 2 is a continuation of French 1 with more advanced work in speaking, writing, reading, and listening. Emphasis is placed on the study of grammar and on reading and writing. A study of French history is also highlighted.

French 3 A – 903031

Credit: .5

CENTRAL HIGH

French 3 B – 903032

Credit: .5

Grade Level: 11, 12

Course Length: Full Year

Prerequisite: French 2

Students continue to study at a more advanced level by using a thematic approach which incorporates grammar, vocabulary and projects. Communication skills and French literature are emphasized. Communications skills and French literature are emphasized.

French 4 A – 903041

Credit: .5

CENTRAL HIGH

French 4 B – 903042

Credit: .5

Grade Level: 12

Course Length: Full Year

Prerequisite: French 3

Students study advanced grammar while reviewing basic grammar, build vocabulary, and enhance conversational skills. French literature is an integral part of this class as well as an emphasis on preparation for college placement tests.

Spanish 1 A – 903311

Credit: .5

Spanish 1 B – 903312

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: None**

Spanish 1 is an introductory course to the second major language of the United States. This course stresses pronunciation and the ability to speak in word groups by means of repetition, imitation, and manipulation of basic sentences. Emphasis is placed on developing an active functional vocabulary and on learning basic grammar. Geography, culture, and customs are also highlighted. Success in this course is dependent upon the attention level of the student and his/her participation in the daily oral and written class work. Daily vocabulary memorization is essential. The study of the Spanish language will improve the student's English vocabulary and grammar skills and help on the ACT test. A paperback Spanish/English dictionary is recommended.

Spanish 2 A – 903321

Credit: .5

Spanish 2 B – 903322

Credit: .5

Grade Level: 9, 10, 11, 12

Course Length: Full Year**Prerequisite: Spanish 1**

Spanish 2 is a continuation of Spanish 1 with more emphasis on communication. Work is more advanced in speaking, reading, writing, and listening. Geography, culture and customs of Spain and other Spanish-speaking countries are studied. Selected Spanish writers and artists are introduced. A paperback Spanish/English dictionary is recommended.

Spanish 3 A – 903331

Credit: .5

Spanish 3 B – 903332

Credit: .5

Grade Level: 10, 11, 12

Course Length: Full Year**Prerequisite: Spanish 2**

Spanish 3 is an application of vocabulary, verbs, and grammar previously learned. The overall goal is communication in Spanish only. Advanced skills are applied in the four areas of reading, writing, listening, and speaking. The art, geography, and history of Spain and the Caribbean are studied in more detail. A paperback Spanish/English dictionary is recommended.

Spanish 4 A – 903341

Credit: .5

Spanish 4 B – 903342

Credit: .5

Grade Level: 11, 12

Course Length: Full Year**Prerequisite: Spanish 3**

Students study advanced grammar, build vocabulary, and enhance conversation skills. Students also read Spanish/Latin American works of literature.

Spanish 5 A – 903351

Credit: .5

Spanish 5 B – 903352

Credit: .5

Grade Level: 12

Course Length: Full Year**Prerequisite: Spanish 4**

Spanish 5 continues the application of advanced skills in reading, writing, listening and speaking. Emphasis is on communication in Spanish only. Skills are applied in situational conversations, presentations, Spanish movies, compositions, and literature. A paperback Spanish/English dictionary is recommended.



Salina Area Technical College is a fully accredited institution of higher learning where students can work towards earning a Technical Certificate at the same time they are graduating from high school, enabling them to jump right into the workforce. Students can choose from a variety of programs at Salina Tech, most of which are tuition-free! Salina Tech also offers general education courses to help jumpstart the student's postsecondary education. There is something to meet everyone's career/postsecondary goals!

Concurrent Enrollment

Salina Tech has partnered with USD 305 to provide opportunities for concurrent enrollment. Concurrent enrollment means the student will receive both high school and college credit for the eligible course, which will be taken right on the student's high school campus! This enrollment is open to sophomores, juniors, seniors, and gifted freshmen. Some of the general education courses available for concurrent enrollment are Intro to Computer Applications and College Algebra. The transferability of the courses extends to all Kansas Regents institutions.

Technical education courses such as Financial Accounting and Residential Architecture are also available and are **tuition-free**! An SATC representative will be visiting these classrooms to discuss the credit and help students enroll. Students should see a high school counselor for a full course listing and to ensure they are scheduled in a course that is offered concurrently. The coursework, books, and instructor all stay the same for the student, making this is an easy and convenient way for a student to earn college credit, ***all without ever leaving the high school campus!***

Pay it Forward Scholarship

SATC's "Pay it Forward" Scholarship gives students credit for each dollar of tuition they paid while in high school, which can then be used to pay for tuition, fees, and books if the student attends SATC after high school. Up to \$1000 can be applied to future tuition costs at SATC.

Dual Credit Enrollment

Juniors and seniors have the option of dual enrollment in most of Salina Tech's full-time programs. These classes are held on the Salina Tech campus. Most of our technical programs allows the student to graduate from high school with both a high school diploma and a Technical Certificate from SATC. Students enrolled in these programs will spend half the day at SATC and the other half at their high school. These courses are **tuition-free**, but institutional fees still apply. For a list of available programs, please see the program guides.

SATC Excellence Agreement

The SATC Excellence Agreement is designed for high school students enrolled in approved career and technical education courses at Salina Area Technical College. This agreement outlines the costs for high school students in their technical program while at SATC. High school students will be charged for only items they will take away when they have completed their SATC program. Some examples are uniform shirts, certification testing, graduation fees, and workbooks. All other items must be returned in the same condition as they were checked out. Examples would be textbooks and tools. Students will be charged only for these items if they are not returned or if they are broken or damaged. Students will be charged replacement value on these items.

COE Hardship

Students who experience financial hardship may apply for the COE Hardship Appeal. Granted appeals will have their cost reduced by 50% each semester during the academic year. This award is intended to support students who would otherwise be unable to attend Salina Tech.

Students with questions should contact their high school counselor or call SATC Student Services at **785-309-3100**.



Auto Collision Repair Program Guide – High School

For scheduling flexibility, all ACR classes are offered every semester and both in the AM and in the PM. Therefore, high school students may start in ACR in the junior or senior year of HS. ACR also accepts springs starts. So, the semester listed below (1st, 2nd, 3rd, 4th) does not necessarily indicate Fall or Spring semester. For example, if a student starts at SATC in the spring semester, that would be the student's 1st semester. Also, HS students who start in the AM generally remain in the AM for the remainder of their time at SATC. Likewise, HS students who start in the PM generally remain in the PM for the remainder of their time at SATC.

Option 1							
Course Title		Sem.	Credits	Course Title		Sem.	Credits
ACR 110	Paint & Refinishing 1	1	3	ACR 120	Paint & Refinishing 3	3	3
ACR 115	Paint & Refinishing 2	1	3	ACR 125	Paint & Refinishing 4	3	4
ACR 130	Non-Structural A & D Repair 1	2	4	ACR 140	Non-Structural A & D Repair 3	4	4
ACR 135	Non-Structural A & D Repair 2	2	4	ACR 145	Non-Structural A & D Repair 4	4	5
ACR 150	Structural A & D Repair 1	2	2	ACR 160	Structural A & D Repair 3	4	3
ACR 155	Structural A & D Repair 2	2	2	ACR 165	Structural A & D Repair 4	4	3
Total Technical Certificate							40

Option 2							
Course Title		Sem.	Credits	Course Title		Sem.	Credits
ACR 130	Non-Structural A & D Repair 1	1	4	ACR 120	Paint & Refinishing 3	3	3
ACR 135	Non-Structural A & D Repair 2	1	4	ACR 140	Non-Structural A & D Repair 3	3	4
ACR 150	Structural A & D Repair 1	1	2	ACR 125	Paint & Refinishing 4	4	4
ACR 155	Structural A & D Repair 2	1	2	ACR 145	Non-Structural A & D Repair 4	4	5
ACR 110	Paint & Refinishing 1	2	3	ACR 160	Structural A & D Repair 3	4	3
ACR 115	Paint & Refinishing 2	2	3	ACR 165	Structural A & D Repair 4	4	3
Total Technical Certificate							40

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, the student is regularly required to stand, walk, and talk or hear. The student frequently is required to sit and use hands to handle or feel. The student is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The student must work in various weather conditions such as excessive heat or cold. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

**First Year**

Fall Semester – Year 1			Spring Semester – Year 1		
Course Title		Credits	Course Title		Credits
AUT 100	Shop Safety/Management	1	AUT 146	Brakes 1	3
AUT 115	Engine Repair 1	2	AUT 150	Brakes 2	2
AUT 120	Engine Repair 2	3	AUT 260	ASE Preparation	1
Total Credits		6	Total Credits		6
Total Technical Certificate Credits					12

Second Year

Fall Semester – Year 2			Spring Semester – Year 2		
Course Title		Credits	Course Title		Credits
AUT 221	Manual Drive Train 1	1	AUT 210	Automotive HVAC	4
AUT 241	Automatic Transmissions & Transaxles 1	3	AUT 222	Manual Drive Train 2	3
AUT 242	Automatic Transmissions and Transaxles 2	3			
Total Credits		7	Total Credits		7
Total Technical Certificate Credits					14

Additional coursework required after high school to graduate with an automotive technology certificate:

Year 3		
Course Title		Credits
AUT 109	Steering and Suspension	3
AUT 110	Steering and Suspension 2	2
AUT 131	Engine Performance 1	3
AUT 135	Electrical 1	3
AUT 140	Electrical 2	2
AUT 132	Engine Performance 2	4
AUT 133	Engine Performance 3	3
AUT 155	Automotive Diesel Technologies	1
AUT 160	Hybrid/Electric Vehicles	1
AUT 235	Electrical 3	3
AUT 240	Electrical 4	2

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, the student is regularly required to stand, walk, and talk or hear. The student frequently is required to sit and use hands to handle or feel. The student is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The student must work in various weather conditions such as excessive heat or cold. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.



Business Administration Technology

Program Guide – High School

Option 1: Business Administrative Technology: Accounting Pathway

First Year

	Fall Semester			Spring Semester	
	Course Title	Credits		Course Title	Credits
BAT 192	Financial Accounting 1	3	BAT 153	Spreadsheet Management	3
BUS 100	Introduction to Business	3	BAT122	Desktop Publishing	3
CSA 105	Intro to Computer Apps and Concepts	3	BAT 196	Financial Accounting II	3
			BAT 124	Managerial Accounting	3
Total Credits		9	Total Credits		12
Total Technical Certificate Credits					21

Second Year

	Fall Semester			Spring Semester	
Course Title		Credits	Course Title		Credits
BAT 160	Business Communications	3	BAT 114	Payroll Accounting	3
BAT 186	Business Law	3	BAT 134	Micro Computer Accounting	3
BUS 120	Personal Finance	3			
Total Credits		9	Total Credits		6
Total Technical Certificate Credits					15

Option 2: Business Administrative Technology: Management/Leadership

Pathway First Year

	Fall Semester			Spring Semester	
Course Title		Credits	Course Title		Credits
BAT 140	Management	3	BAT 144	Human Resource Management	3
BUS 100	Introduction to Business	3	BAT 153	Spreadsheet Management	3
CSA 105	Intro to Computer Apps and Concepts	3	BAT 122	Desktop Publishing	3
Total Credits		9	Total Credits		9
Total Technical Certificate Credits					18

Second Year

	Fall Semester			Spring Semester	
Course Title		Credits	Course Title		Credits
BAT 160	Business Communications	3	BAT 154	Small Business Management	3
BAT 184	Leadership	3	BAT 164	Principles of Supervision	3
BAT 186	Business Law	3	BAT 130	Principles of Marketing	3
Total Credits		9	Total Credits		9
Total Technical Certificate Credits					18

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, students are regularly required to sit, walk and stand; talk or hear, both in person and by telephone; use hands repetitively to handle, feel or operate standard office equipment; reach with hands and arms. The student is occasionally required to stand; walk and stoop, kneel, crouch, or crawl. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

**First Year**

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
CAD 112	Introduction to Mechanical Drafting	3	CAD 152	Residential Architecture with Revit	4
CAD 117	Intermediate Mechanical Drafting	3	CAD 157	Commercial Architecture with Revit	3
CAD 127	Basics of AutoCAD	3	CAD 167	Civil Drafting with AutoCAD Civil 3D	4
Total Credits		9	Total Credits		11
Total Technical Certificate Credits					20

**Second
Year**

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
CAD102	SolidWorks Part Modeling	3	CAD 172	Advanced Mechanical Drafting and Sheet Metal Design	4
CAD107	SolidWorks Assembly Modeling	3	CAD 182	Specific Industry Projects	3
MAT 101	Technical Math	3			
Total Credits		9	Total Credits		7
Total Technical Certificate Credits					16

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, students are regularly required to sit, walk and stand; talk or hear, both in person and by telephone; use hands repetitively to handle, feel or operate standard office equipment; reach with hands and arms. The student is occasionally required to stand; walk and stoop, kneel, crouch, or crawl. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

First Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ENV 102	OSHA 10	1	CON 125	Floors, Walls, Ceiling, & Framing	4
CON 101	Introductory Craft Skills	3	CON 132	Roof Framing	3
CON 105	Construction Math	1	CON 137	Windows, Doors, & Stairs	3
CON 111	Carpentry Basics	4	CON 165	Insulation, Roofing, Exterior Finish	3
Total Credits		9	Total Credits		13
Total Technical Certificate Credits					22

Second Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
CON 152	Construction Skills	5	CON 115	Intermediate Carpentry	3
CON 157	Concrete Applications	4	CON 175	Steel Framing & Drywall	2
Total Credits		9	Total Credits		5
Total Technical Certificate Credits					14

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, the student is regularly required to stand, walk, and talk or hear. The student frequently is required to sit and use hands to handle or feel. The student is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The student must work in various weather conditions such as excessive heat or cold. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Dental Assistant Technical Certificate – Senior Year

Fall Semester				Spring Semester			
Course Title		Status	Credits	Course Title		Status	Credits
DEN 124	Dental Anatomy		2	DEN 208	Dental Practice Management (Pre-req: DEN 124)		3
DEN 123	Introduction to Anatomy and Physiology		2				
Semester Total			4	Semester Total			3
				Total Technical Education Credits			7

Dental Assistant Technical Certificate – Post Secondary

Fall Semester				Spring Semester			
Course Title		Status	Credits	Course Title		Status	Credits
DEN 150	Infection Control		2	DEN 248	Nitrous Oxide Administration (Pre-req: CPR to include hands-on training)		1
DEN 138	Dental Radiology I		3	DEN 220	Dental Materials II (Pre-req: DEN 127)		2
DEN 246	Dental Science (Pre-req: DEN 123, DEN 134)		3	DEN 230	Chairside Assisting II (Pre-req: DEN 134)		3
DEN 127	Dental Materials I		4				
DEN 134	Chairside Assisting I		4	DEN 243	Clinical Experience (Pre-req: DEN 123, DEN 124, DEN 127, DEN 134, DEN 138, DEN 150, DEN 246. Also need hepatitis B vaccination, CPR and HIPPA training, 90% attendance, and a C average in all core courses).		8
Semester Total			16	Semester Total			15
				Total Credits Toward Technical Certificate			31
				Total Technical Education Credits			38

Dental Assistant Associate of Applied Science – Junior Year

Fall Semester				Spring Semester			
Course Title		Status	Credits	Course Title		Status	Credits
CSA 105	Introduction to Computer Applications and Concepts		3	COM 105 or COM 102	Public Speaking or Interpersonal Communication		3
HEA 103	Medical Terminology		3	MAT 101	Technical Math		3
Semester Total			6	Semester Total			6
Total Credits Toward AAS							12

Dental Assistant Associate of Applied Science – Senior Year

Fall Semester				Spring Semester			
Course Title		Status	Credits	Course Title		Status	Credits
ENG 101	English Comp I		3	DEN 208	Dental Practice Management		3
DEN 124	Dental Anatomy		2	BIO 150	Anatomy and Physiology*		5
Semester Total			5	Semester Total			8
Total Credits Toward AAS						13	

*BIO 105 Anatomy and Physiology can be taken in fall or spring. 2 credits count toward Dental Assistant Program Completion and 3 credits count as an elective toward AAS Degree

Dental Assistant Associate of Applied Science – Senior Year

Summer Semester			
Course Title		Status	Credits
PSY 101	General Psychology		3
	Elective Choice		3
Semester Total			6
Total Credits Toward AAS			6

Dental Assistant Associate of Applied Science – Post Secondary

Fall Semester				Spring Semester			
Course Title		Status	Credits	Course Title		Status	Credits
DEN 150	Infection Control		2	DEN 248	Nitrous Oxide Administration (Pre-req: CPR to include hands-on training)		1
DEN 138	Dental Radiology I		3	DEN 220	Dental Materials II (Pre-req: DEN 127)		2
DEN 246	Dental Science (Pre-req: DEN 123, DEN 134)		3	DEN 230	Chairside Assisting II (Pre-req: DEN 134)		3
DEN 127	Dental Materials I		4				
DEN 134	Chairside Assisting I		4	DEN 243	Clinical Experience (Pre-req: DEN 123, DEN 124, DEN 127, DEN 134, DEN 138, DEN 150, DEN 246. Also need hepatitis B vaccination, CPR and HIPPA training, 90% attendance, and a C average in all core courses).		8
Semester Total			16	Semester Total			15
Total Credits Toward AAS						31	
Total Credits Earned for Graduation						62	

First Year

First Semester			Second Semester		
Course Title		Credits	Course Title		Credits
DST 204	Hydraulics	5	DST 108	Wheel ends	3
DST 206	Suspension and Steering	3	DST 109	Brakes	3
MAT 101	Technical Math	3	HUM 101	Ethics in the Workplace	3
Total Credits		11	Total Credits		9
Total Technical Certificate Credits					20

Second Year

First			Second Semester		
Course		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA 10)	1	DST 106	Drive Trains	3
DST 201	Powershifts	4	DST 107	Standard Transmissions	3
DST 202	Torque Convertors	1			
DST 203	Hydrostatic Drive	2			
Total Credits		8	Total Credits		6
Total Technical Certificate Credits					14

Additional coursework required after high school to graduate with an Associate of Applied Science degree, in Diesel Technology:

Course Name/Number.....	Credits
DST 101 Diesel Engines 1.....	5
DST 102 Electrical/Electronic Systems	5
DST 103 Emissions	5
ENG 101 Technical Writing.....	3
CSA 105 Introduction to Computer Applications.....	3
DST 207 Advanced Diesel Engines	5
DST 208 Fuel Lab	1
DST 209 Advanced Electrical/Electronic Systems	5
DST 211 HVAC	2
COM 105 Public Speaking.....	3

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, the student is regularly required to stand, walk, and talk or hear. The student frequently is required to sit and use hands to handle or feel. The student is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The student must work in various weather conditions such as excessive heat or cold. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Certificate A: Infant and Toddler Education

First Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ECE 100	Principles of Early Childhood Education	3	ECE 100	Principles of Early Childhood Education	3
ECE 104	Infant-Toddler Development and Care	3	ECE 140	Teaching Children with Special Needs	3
ECE 115	Child Nutrition, Health, and Safety	3	ALH 139	First Aid and CPR	2
Total Credits		9	Total Credits		8
Total Technical Certificate Credits					17

Certificate A: Pre-School Education

Second Year

First Semester			Second Semester		
Course Title		Credits	Course Title		Credits
ECE 108	Interaction Techniques with Young Children	3	ECE 128	Interaction Techniques with Pre-School Children	3
ECE 109	Interaction Techniques with Young Children	2	ECE 129	Interaction Techniques with Pre-School Children Pract.	2
ECE 120	Pre-School Language and Literacy	3	ECE 135	Building Relations with Families and Communities	3
			SOC 103	Marriage and Families	3
Total Credits		8	Total Credits		11
Total Technical Certificate Credits					19

Certificate B: Early Childhood Education

Technical Education Courses

Fall Semester Year 1			Spring Semester Year		
Course Title		Credits	Course Title		Credits
ECE 100	Principles of Early Childhood Education	3	ECE 100	Principles of Early Childhood Education	3
ECE 104	Infant-Toddler Development and Care	3	ECE 140	Teaching Children with Special Needs	3
ECE 115	Child Nutrition, Health, and Safety	3	ALH 139	First Aid and CPR	2
Total Credits		9	Total Credits		8
Fall Semester Year 2			Spring Semester Year 2		
Course Title		Credits	Course Title		Credits
ECE 108	Interaction Techniques with Young Children	3	ECE 128	Interaction Techniques with Pre-School Children	3
ECE 109	Interaction Techniques with Young Children	2	ECE 129	Interaction Techniques with Pre-School Children Pract.	2
ECE 120	Pre-School Language and Literacy	3	ECE 135	Building Relations with Families and Communities	3
			SOC 103	Marriage and Families	3
Total Credits		8	Total Credits		11
Total Technical Certificate Credits					36

The physical demands described here are representative of those that must be met by a student to successfully perform the essential functions of working in this field. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this program, students are regularly required to sit, walk and stand; talk or hear, both in person and by telephone; use hands repetitively to handle, feel or operate standard office equipment; reach with hands and arms. The student is occasionally required to stand; walk and stoop, kneel, crouch, or crawl. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.



Healthcare Pathway – Allied Health High School Program Guide

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ALH 101	CNA	6	ALH 110	CMA (<i>CNA is a pre-req</i>)	5
HEA 103	Medical Terminology	3	ALH 101	CNA	6
			HEA 103	Medical Terminology	3
			ALH 134	Legal Concepts	3
Semester Credits		9	Semester Credits		11/12

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**First
Year**

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ENV102	Safety Orientation (OSHA 10)	1	HVA154	Gas Heating	4
HVA104	Electrical Fundamentals	4	HVA159	A/C, Heat Pumps, Electric Heat	4
HVA109	Controls & Motors	2	HVA164	RTU Heating & A/C	1
HVA114	Heating System Fundamentals	3			
MAT 101	Technical Math	3			
Total Credits		13	Total Credits		9
Total Technical Certificate Credits					22

**Second
Year**

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
HVA119	HVAC Fundamentals	4	HVA169	Commercial Refrigeration, Evaporators, Recovery, Condensers	2
HVA124	Compressor & Refrigeration Controls	2	HVA174	EPA 608	1
HVA129	Sheet Metal Layout & Fabrication	1	HVA179	Commercial Refrigeration Compressors, Metering Devices & Controls	2
HVA134	Refrigeration Fundamentals	1	HVA184	Workplace Skills	1
			HVA189	Commercial Refrigeration Troubleshooting, Motor Controls & Ice Machines	3
Total Credits		8	Total Credits		9
			Total Technical Certificate Credits		17

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While performing the duties of this program, the student is regularly required to stand, walk, and talk or hear. The student frequently is required to sit and use hands to handle or feel. The student is occasionally required to reach with hands and arms; climb or balance; and stoop, kneel, crouch, or crawl. The student must work in various weather conditions such as excessive heat or cold. The student must frequently lift and/or move up to 10 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this field include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.



Machine Tool Technology

Program Guide – High School

First Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA 10)	1	MTT 130	Special Projects	3
MAT 101	Technical Math	3	MTT 232	CNC Mill Operations	3
MTT 111	Bench Work	1	MTT 233	CNC Lathe Operations	3
MTT 116	Print Reading	3			
MTT 122	Quality Control & Inspections	1			
MTT 230	CNC Operations	3			
MTT 210	Metallurgy	1			
	Total Credits	13		Total Credits	9
Total Technical Certificate Credits					22

Second Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
MTT 140	Machining I	3	MTT 215	Machining II	3
HUM 101	Ethics in the Workplace	3	MTT 242	Feature Cam Mills	3
			MTT 243	Feature Cam Lathes	3
	Total Credits	6		Total Credits	9
Total Technical Certificate Credits					15

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Fire Science

Program Guide – High School

First Year Courses

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
FIR 118	Firefighting Strategy and Tactics	3	FIR 125	Building Construction	3
FIR 121	Fire Science Hydraulics and Water Supply	3	FIR 130	Intro to Fire and Emergency Services	3
Credits Total		6	Credits Total		6

Fall/Spring/Summer Semester		
Course Title		Credits
ALH 120	Emergency Medical Technician (<i>not required, but strongly encouraged</i>) (Pre-req: Age 17, current immunizations)	12

Second Year Courses

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
FIR 135	Fire Origin and Cause	3	FIR 115	Firefighter I	3
FIR 140	Fire Inspection and Code Enforcement	3	FIR 117	Firefighter II	3
Credits Total		6	Credits Total		6
Total Technical Certificate Credits					36

Students enrolled in USD 305 / Salina Area Technical College Public Safety Pathway are taking college-level courses designed to prepare them for employment in the field of Fire Science or Police Science. Salina Area Technical College is asking students and their parents/guardians to sign this statement acknowledging that they are aware of and consent to the sensitive and graphic nature of the content of the courses. Further, it is acknowledged and understood that students taking the Public Safety Pathway courses will be exposed to potentially disturbing and/or controversial subject matter and inherently dangerous equipment and activities, particularly in the case of the fire science courses. All content and curriculum outlined in the Outcomes/Competencies section of the syllabi, as well as any additional materials and activities assigned by the instructor, constitute a required course of study for completion of the courses. Contact your counselor or Salina Area Technical College with any additional questions.

FIRE SCIENCE:

Students must be 18 before the end of spring semester 2024 to be able to take the firefighter certification test.

First Year Courses

Fall Semester			Spring Semester		
Course		Credits	Course		Credits
PLS 100	Introduction to Criminal Justice	3	PLS 101	Criminal Investigations	3
PLS 105	Criminal Procedures	3	PLS 120	Criminal Justice Interview and Report Writing	3
PLS 110	Professional Responsibility in Criminal Justice	3	PLS 125	Introduction to Corrections	3
	PLS Required Elective (below)	3		PLS Required Elective (below)	
Credits Total		12	Credits Total		12

Second Year Courses

Fall Semester			Spring Semester		
Course		Credits	Course		Credits
PLS 107	Juvenile Delinquency and Justice	3	PLS 115	Law Enforcement Operations and Procedures	3
PLS 109	Criminal Law	3	PLS 130	Agency Administration	3
	PLS Required Elective (below)	3		PLS Required Elective (below)	3
	PLS Required Elective (below)	3			
Credits Total		12	Credits Total		9
Total Technical Certificate Credits					45

****PLS 100 Introduction to Criminal Justice will be offered every semester. It is a pre-requisite for all PLS courses.***

PLS Required Electives (15 credits required for Technical Certificate and 6 credits for AAS)		
Course Title		Credits
PSS 101	Introduction to Emergency Communications	3
PLS 140	Crime Scene Investigation	3
PLS 150	Psychology of Crime	3
PLS 160	Prevention and Deterrence of Crime	3
PSY 101	General Psychology	3
Total Technical Certificate Credits		15

If you want to work in the law enforcement field, you will be required to enroll in either of the below courses.

Additional Courses		
Course Title		Credits
PLS 215	Kansas Law Enforcement Training Center (KLETC) required for AAS	12
PLS 200	Kansas Highway Patrol (KHP)	8
If an individual completes the KHP training, they will also get credit for the KLETC training, for a total of 20 credits.		



Welding Technology

Program Guide – High School

First Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
ENV 102	Safety Orientation (OSHA-10)	1	WEL 106	Cutting Process	3
MAT 105	Technical Math	3	WEL 112	Shielded Metal Arc Welding II	3
WEL 105	Welding Theory	3	WEL 150	Welding Blueprint Reading	3
WEL 111	Shielded Metal Arc Welding I	3			
	Total Credits	10		Total Credits	9
Total Technical Certificate Credits					19

Second Year

Fall Semester			Spring Semester		
Course Title		Credits	Course Title		Credits
WEL 115	Gas Metal Arc Welding I	3	WEL 116	Gas Tungsten Arc Welding	3
WEL 215	Gas Metal Arc Welding II	3	WEL 120	Fabrication & Production	3
WEL 223	Core Wire Welding	3	WEL 216	Gas Tungsten Arc Welding II	3
	Total Credits	9		Total Credits	9
Total Technical Certificate Credits					18

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Aerospace and Technology Campus

PRE-COLLEGE DUAL CREDIT HANDBOOK

Enrollment Options

1. **General Education Classes:** Students that are not planning to earn a degree from K-State Salina can take general education courses to transfer to another institution after high school. Students that are still undecided on a college and/or major are welcome to take classes to help find their passion. Students can enroll in the courses they wish as long as they meet any applicable pre-requisites and/or placement scores. Check out our general education passport guide!
2. **Program Jump Starts:** Students that are interested in pursuing a K-State Salina degree or certificate can enroll in introductory classes in their intended aviation or technology program. They can work in consultation with a K-State academic advisor to choose classes for the program that fit into their high school schedule each semester.

Who Can Enroll?

Students can start enrollment as sophomores with public speaking. All other classes are available for juniors and seniors. Students with gifted IEPs can start a year earlier. Admission to K-State is dependent on review of demonstrated academic abilities including cumulative High School GPA, performance on previous K-State courses, and successful completion of prerequisite courses. Final determination will be made by K-State staff.

Course Schedule

The K-State course schedule that lists all courses is always available online at <https://courses.k-state.edu/courses/schedules.html>. Select the applicable semester, then select *Course Schedule*. Scroll down and select *Salina Campus – All classes* to see our full course schedule.

Cost

High school students receive a reduced tuition rate of \$122/credit hour for the 23-24 school year. Some courses may incur a lab, software, or alternative textbook fee.

This rate is subject to change each year. The 24-25 school year rates will be available in July.

Admission, Enrollment, and More Information

Visit our website <https://www.salina.k-state.edu/admissions/apply/precollege/> for detailed steps of the application and enrollment process and for more information.

Have Questions

Contact us at salinaprecollege@k-state.edu. We are here to help!

General Education Passport

High School Pre-College Academy Guide

General Education Passport

For students planning to pursue a degree anywhere in Kansas, we recommend the following general education course guidelines to get a jump start on your college degree. These classes should transfer to any public college or university in Kansas, but it is the student's responsibility to verify transferability. *See sample student schedules on the next page.*

ENGLISH – Choose 2

- ENGL 100 EXPOSITORY WRITING 1
- ENGL 200 EXPOSITORY WRITING 2

COMMUNICATION – Choose 1

- COMM 106 PUBLIC SPEAKING

MATH & STATISTICS – Choose 1

- MATH 100 COLLEGE ALGEBRA
- MATH 150 PLANE TRIGONOMETRY
- MATH 205 GENERAL CALCULUS & LIN ALGEBRA
- MATH 220 ANALYTIC GEO & CALCULUS 1
- MATH 221 ANALYTIC GEO & CALCULUS 2
- STAT 325 INTRO TO STATISTICS

NATURAL & PHYSICAL SCIENCE – Choose 1

Must include a lab.

- BIOL 198 PRINCIPLES OF BIOLOGY
- CHM 110/111 GENERAL CHEMISTRY
- CHM 210 CHEMISTRY 1
- GEOL 100/103 EARTH IN ACTION
- GEOL 125/103 NATURAL DISASTERS
- PHYS 113 GENERAL PHYSICS 1
- PHYS 114 GENERAL PHYSICS 2

ARTS & HUMANITIES – Choose 2

- COT 150 HUMANITIES THROUGH THE ARTS
- ENGL 251 INTRO TO LITERATURE
- PHILO 105 INTRO TO CRITICAL THINKING

SOCIAL & BEHAVIORAL SCIENCE – Choose 2

- ECON 110 PRINCIPLES OF MACROECONOMICS
- ECON 120 PRINCIPLES OF MICROECONOMICS
- PSYCH 110 GENERAL PSYCHOLOGY
- PSYCH 290 PSYCHOLOGY OF RELIGION
- SOCIO 211 INTRO TO SOCIOLOGY
- SOCWK 100 SOCIAL WORK: THE HELPING PROFESSION
- SOCWK 200 BASIC SKILLS FOR WORKING WITH PEOPLE

INSTITUTIONAL DESIGNATED ELECTIVES – Choose 2

Contact an academic advisor or use a curriculum guide for the program you will be pursuing to help you select these classes.

- ANY 100/200 LEVEL COURSES
- ANY ADDITIONAL GENERAL EDUCATION CLASSES LISTED ON THIS PAGE
- BUS 110 INTRO TO BUSINESS
- CMST 103 COMPUTING PRINCIPLES
Offered at USD 305 High Schools
- CMST 108 PC DESKTOP SOFTWARE

General Education Passport

High School Pre-College Academy Guide

Actual student schedules will vary depending on course choices.

Junior Year						
Course Title	Semester	Credits	Course Title	Semester	Credits	
Students take MATH 100 College Algebra concurrently through their high school						3
COMM 106	Public Speaking	Fall	3	Humanities Elective	Spring	3
	Social Science Elective	Fall	3			
Junior Credits						12

Summer After Junior Year						
Course Title		Credits				
	Science Elective w/Lab		4			
Summer Credits						4

Senior Year								
Course Title		Semester	Credits	Course Title		Semester	Credits	
ENGL 100	Expository Writing 1	Fall	3	ENGL 200	Expository Writing 2	Spring	3	
	Humanities Elective	Fall	3		Social Science Elective	Spring	3	
	Inst. Designated Elective	Fall	3		Inst. Designated Elective	Spring	3	
Senior Credits							18	
General Education Passport Credits							Total	34

OR
Complete in one year

Summer After Junior Year						
Course Title		Credits				
	Science Elective w/Lab		4	COMM 106	Public Speaking	3
Summer Credits						7

Senior Year							
Course Title		Semester	Credits	Course Title		Semester	Credits
ENGL 100	Expository Writing 1	Fall	3	ENGL 200	Expository Writing 2	Spring	3
MATH 100	College Algebra	Fall	3		Social Science Elective	Spring	3
	Social Science Elective	Fall	3		Humanities Elective	Spring	3
	Humanities Elective	Fall	3		Inst. Designated Elective	Spring	3
	Inst. Designated Elective	Fall	3				
Senior Credits							27

General Education Passport Credits	Total	34
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FREQUENTLY ASKED QUESTIONS

Is the application process free?

Yes, the application for admission to K-State for pre-college enrollment is free. If a student applies for admission after high school, an application fee will be assessed at that time.

Are high school students eligible for federal financial aid, grants, and/or loans?

No, high school students are not eligible for federal financial aid. Federal requirements state that students must have a high school diploma or GED to be eligible for federal aid.

Are scholarships available to help pay for courses?

No K-State scholarships are currently available for pre-college enrollment. Other scholarship opportunities may exist at the student's high school for dual credit/concurrent enrollment. Talk to a guidance counselor to see.

When is tuition due?

For fall, tuition generates in July and will be due the first day of the K-State semester in August. For spring, tuition generates in December and will be due the first day of the K-State semester in January. For summer, tuition generates in May and will be due mid-June. Students should check their [KSIS](#) account and K-State email for official tuition correspondence.

What if students cannot pay off their tuition balance by the beginning of the semester?

Students can setup a [Tuition Installment Payment Plan](#) with a \$45 non-refundable fee that will divide the semester's tuition into 4 monthly payments. Another option is to just make payments over the course of the semester knowing that a 1.5% late fee will be assessed each month until all charges are paid in full. If a student is only enrolled in 1 or 2 classes, the late fee option may be cheaper than the payment plan fee. Either way, students need to have their entire balances paid off by the end of the semester.

Do parents/guardians have access to students' financial records?

By default, no. A student's financial account is considered private information protected under [FERPA](#). Students can opt-in to allowing a parent/guardian to have access to their billing information by granting [Designated Access](#) through [KSIS](#).

Will students need to purchase a textbook?

Yes, students will need to purchase a textbook for their course if the course requires one. Some courses utilize open/alternative resources that don't require a traditional textbook. Textbook information can be found by clicking the textbook icon next to a course on the online course schedule or by selecting the "Salina courses materials" link found in the Student Center in [KSIS](#) once the student is enrolled. Textbooks can be purchased at the bookstore in the College Center, room #101 or [online](#).

How will students know where their classrooms are located and where to park?

All new students are required to attend a new student orientation before the semester starts. A brief tour will be included to show students where all their classrooms are located as well as where to park.

Where can students find their course schedule?

Enrollment for summer and fall begins mid-April. Enrollment for spring begins mid-November. Once enrolled, students are encouraged to check their course schedule in [KSIS](#) by going to *Student Center, Other Academic, and Class Schedule*.

Does the K-State academic calendar match high school calendars?

The K-State academic calendar will not match other high school calendars. Start dates, end dates, final exam times, and holiday breaks will most likely be different. It is important for students to follow K-State's [Academic Calendar](#) for official university dates.

Can students drop a course after they are enrolled?

Yes, students can drop a course if the request is received within the allowed drop timeframe. Please see the [Academic Calendar](#) for official drop/refund deadlines. Keep in mind that dropped courses may still be listed on a student's transcript. There are also refund dates associated with dropped courses. There is only a short time to drop a course for a 100% refund.

Are grades mailed to residences at the end of the semester?

Grades are not mailed to students' residences. Final grades are posted online in their student accounts. Students can view their grades under the *My Academics* tab in [KSIS](#).

Do parents/guardians have access to students' academic records?

Due to [FERPA](#), parents/guardians do not have access to a student's academic record at the university level. Students can log into [KSIS](#) by using their eID and password to access their academic records. K-State policy prohibits students from sharing their account password with anyone.

How can students order a transcript?

Students can order an official transcript from their [KSIS](#) account by clicking on *Other Academics*. Current students may submit transcript orders at no charge. There is a short window of about 4 weeks after the semester ends to order them for free. After that, a \$15 transcript fee will apply for each transcript order for former students. No walk-in or email requests for transcripts can be accepted. Students can also download an unofficial transcript themselves from the same location in [KSIS](#).

Will courses transfer to other colleges/universities?

Every university or college has its own policies on what courses they accept for transfer. Please check with an admissions representative or transfer portal at the college the student plans to attend. Many of K-State's general education courses are guaranteed to transfer across all the public higher education institutions in Kansas. Visit the Kansas Board of Regents [transfer site](#) for more information.

If students enroll in pre-college courses and want to attend K-State after high school, do they need to submit another application for admission?

Yes, students will need to submit another [application for admission](#) to their specific program because admissions requirements may be different. An application fee will be accessed at that time. If a student plans to attend the Manhattan campus, no K-State transcript needs to be sent from the Salina campus as their pre-college classes will already be loaded in KSIS.

How can a campus tour be arranged?

If students are interested in attending K-State after high school, please schedule a campus tour online for the [Salina Campus](#) or [Manhattan Campus](#).

What correspondence will parents/guardians receive to be kept in the loop on enrollment?

Parents can receive general information about K-State's enrollment process and course options from their high school through enrollment events or by contacting K-State. Once enrollment occurs, all enrollment and tuition correspondence from K-State will be sent to students only through their K-State email address. Even though students are still in high school, they are treated as college students. We hope that students do share information with their parent/guardian, but that responsibility lies with the student to have those conversations.

List of Elective Courses Offered for Dual Credit

Below is a comprehensive list of our dual credit offerings. Not all these classes are offered each semester. Interested students should check upcoming offerings with their high school guidance counselor or by checking the K-State course schedule. The K-State course schedule that lists all courses is always available online at

<https://courses.k-state.edu/courses/schedules.html>. Select the applicable semester, then select Course Schedule. Scroll down and select Salina Campus – All classes to see full course schedule.

KSUANTH 200 – Introduction to Cultural Anthropology (3 credit hours)

Introduction to ethnology and ethnography; analysis and comparison of technological, social, and religious characteristics of cultural systems. **USD 305 Course Code: KS6003**

KSUAVM 101 – Introduction to Aircraft Materials & Tooling Standards (3 credit hours)

Skills and techniques essential to understanding aircraft material properties and fabrication techniques. Emphasizes knowledge and practical experiences involving: shop safety, organization and human factors associated with shop practices, basic aircraft structural materials and hardware familiarization, fluid lines and fittings, hand tool selection and use, and aviation-specific dimensional inspection tools and techniques, aircraft hardware identification and applications, cleaning and corrosion control, aircraft metal selection and applications, welding techniques and procedures and aircraft material inspection fundamentals.

USD 305 Course Code: KS5533

KSUAVM 102 – Aviation Regulations, Compliance and Operations (2 credit hours)

A review of the role and organizational structure of the Federal Aviation Administration (FAA) as it relates to the certification and continued airworthiness of aircraft and its operation in general, business, and commercial aviation environments. Emphasis on the privileges and limitations of certificated personnel who maintain aircraft systems in the context of the FAA regulations. Includes practical applications of aircraft weight and balance, effective completion of maintenance record entries, accurate use of graphs and charts to determine critical performance values, and the servicing, starting, ground operations, and security of aircraft. Students demonstrate the ability to read, comprehend, and apply information contained in FAA and manufacturers' aircraft maintenance specifications, data sheets, manuals, publications, and related Federal Aviation Regulations, Airworthiness Directives, and Advisory material. Includes laboratory activities involving student flight of aircraft. **USD 305 Course Code: KS5573**

KSUAVM 111 – Basic Aircraft Electricity (4 credit hours)

A basic concept of DC/AC circuits, with basic laws relating to the following: measuring voltage, current, resistance, continuity and leakage; relationship of voltage, current and resistance in electrical circuits; reading and interpretation of electrical circuit diagrams; electrical devices and inspection and servicing of batteries. Introduction to digital numbering systems and digital logic functions. **USD 305 Course Code: KS5123**

KSUAVM 121 – Aircraft Drawings (2 credit hours)

Students learn how to read, understand, and interpret aircraft drawings commonly found in the aviation maintenance industry. Recognition and identification of drawing lines and symbols, and the meaning of these is covered. **USD 305 Course Code: KS6723**

KSUAVM 141 –Aircraft Science (3 credit hours)

This is a study of basic physics as required by aircraft technicians and defined by FAR 147. Use and understand the principles of simple machines, sound, fluid, and heat dynamics, basic aerodynamics, aircraft structures, and theory of flight. **USD 305 Course Code: KS6763**

KSUAVM 201 – Aircraft Metallic Primary Structures (3 credit hours)

A study of aircraft metal primary structures and materials commonly used in the design and construction of airframes including fuselages, wings, and control surfaces. Students gain theoretical knowledge and practical experience associated with the structural properties of materials used in the manufacturing process as well as the methods used to fabricate and repair those structures. Students practice structural metal repairs according to FAA approved data and manufacturer's recommended procedures. Skills in aluminum sheet metal fabrication and repairs are stressed. *Prerequisite: KSUAVM 101 or KSUMET 121.* **USD 305 Course Code: KS5133**

KSUAVM 203 – Aircraft Environmental and Fire Protection Systems (3 credit hours)

An in-depth study in small and large air vehicle environmental and fire detection and extinguishing systems. Emphasis on cabin pressurization and temperature climate control, supplemental oxygen, airframe and propulsion fire detection and extinguishing systems, crew visibility enhancement, and air toxicity detection. Students gain extensive practical experiences related to system design, operation, inspection, maintenance methodology, and fault analysis for both airframe and powerplant systems using manufacturer's technical instructions. **USD 305 Course Code: KS5143**

KSUAVM 205 – Aircraft Landing Gear and Fluid Power Systems (3 credit hours)

A study of the design and application of compressible and incompressible fluid power systems used in both simple and complex aircraft flight control, auxiliary, emergency, and landing gear systems. Emphasis on landing gear and deceleration systems to include components, structures, operation, and fault analysis of shock struts, position and warning, single and multiple disk brakes, anti-skid, wheel assemblies, retraction and extension systems and methods of emergency landing gear extension. Topics include landing gear door operation and sequencing. Students practice inspection, servicing, repair and troubleshooting of key fluid power and landing gear systems necessary to ensure continued airworthiness of these systems.

USD 305 Course Code: KS5153

KSUAVM 207 – Aircraft Electrical Systems (3 credit hours)

A review and advanced study of DC/AC circuits, and laws relating to circuit analysis and a detailed study of measuring instruments applied to aircraft. Study of relays, switches, alternators, and other devices encountered in circuit analysis, troubleshooting, and repair. Theory of operation and fault isolation on solid-state devices in aircraft circuitry. Inspection of aircraft electrical systems, including wire inspections and the types of repairs allowed using appropriate technical manuals. A study of battery, magneto high and low tension ignition systems, including turbine igniters. Also a study of powerplant starting and charging systems and related components. Emphasis on effective fault diagnostics, repair, and timing of aircraft ignition systems. *Prerequisite: KSUECET 100 or KSUAVM 111.* **USD 305 Course Code: KS5163**

KSUAVM 216 – Aircraft Propulsion Drive Systems (3 credit hours)

A detailed study of aircraft propulsion drive systems that convert engine power to thrust necessary for sustained flight. Drive systems include propellers, unducted fans (open rotor), and rotor-blades found on small, medium, and large fixed, and rotary-wing aircraft. Emphasis on fixed and controllable-pitch propellers applications as well as rotor-blades, and rotor-hubs assemblies found on helicopters. Topics include theory of operation, dynamic and static balancing, vibration analysis, design characteristics, materials, and maintenance practices. Students practice inspection, servicing, balance, maintenance and repair of propeller and rotor systems. **USD 305 Course Code: KS6023**

KSUAVM 301 – Advance Reciprocating Powerplant (3 credit hours)

A study in the theory, operation, construction, design, and maintenance of reciprocating powerplants installed in aircraft. Topics include the principles of the Otto cycle, reciprocating powerplant systems, and emerging trends in the design and application of reciprocating engines, including aviation diesel engines. Practical experiences include engine removal, installation, and troubleshooting to an airworthy standard, with an emphasis on disassembly and inspection of modern reciprocating engines found in single and twin-engine aircraft using visual, dimensional, and non-destructive techniques. **USD 305 Course Code: KS6033**

KSUAVM 303 – Introduction to Aircraft Composite Structures (3 credit hours)

Introduces composite materials used in the design and production of legacy and modern aircraft. Topics include material characteristics, fabrication, and inspection; repair of non-metallic primary and secondary structures and materials using manufacturers' instructions. Materials include fabric, wood, fiberglass, plastics, honeycomb, and others. Students practice the selection, installation, application of protective coatings, and removal of special fasteners used in these structures. Laboratory exercises emphasize the fabrication and inspection of modern composite structures. **USD 305 Course Code: KS6043**

KSUAVM 304 – Aircraft Fuel Management and Metering Systems (3 credit hours)

A comprehensive study of airframe and propulsion engine fuel systems associated with fuel storage, management, and transfer and metering as applied to both reciprocating and turbine powered aircraft. Lecture topics include systems operation, maintenance methods, procedures and safety precautions associated with aircraft fueling and defueling for over-the-wing and pressure fueling systems. Fuel quantity, pressure and temperature indicating and warning systems, fuel dump, and detail reciprocating and turbine engine fuel metering systems including carburetor overhaul, electronic engine fuel controls (EEC and FADEC) are covered. Students practice the inspection, check, service, troubleshooting and repair of the various fuel systems found on board the aircraft to a level that assures continued airworthiness and safety.

Prerequisite: KSUAVM 214. **USD 305 Course Code: KS6053**

KSUAVM 305 – Aircraft Avionics and Instrument Systems (3 credit hours)

Introduces basic flight instrument systems and navigation/communication electronic aids installed on General Aviation aircraft that weigh less than 12,500 lbs. The course includes both lecture and practical applications of these systems to include operation, inspection, fault analysis and repair. The student will be exposed to mechanical and electronic airframe and powerplant indication equipment including flight instrument systems for heading, speed, altitude, temperature, pressure, RPM, and position indicating. Emphasis will be placed on NAV/COMM systems found in modern light aircraft and associated antenna applications and installation methods. Pitot/Static instruments and systems are also discussed. Students practice inspection, service, fault analysis, installation and repair of these systems. Prerequisite: KSUECET 100 or KSUAVM 111.

USD 305 Course Code: KS6063

KSUAVM 306 – Rotary and Fixed Wing Aircraft Design and Assembly (3 credit hours)

A detailed study of the purpose of fixed-wing and rotary-wing aircraft designs and aerodynamic characteristics, their construction methods and assembly procedures. The course provides an insight critical maintenance tasks performed that impact the safe operation of the aircraft as well as exposure to the manufacture and assembly of aircraft. Students practice the rigging, assembly, jacking, weighing, and balancing of aircraft and flight control surfaces according to manufacturer's technical manuals; and making accurate record entries for tasks performed in accordance with FARs. Prerequisite: KSUAVM 101, KSUAVM 121, or KSUMET 111. **USD 305 Course Code: KS6073**

KSUAVM 322 – Powerplant Operation and Troubleshooting (3 credit hours)

Experience in installation, operation, and removal of aircraft engines. Engine analysis and diagnosis of malfunctions, including methods of remedy, are performed on airworthy engines. Prerequisite: KSUAVM 301 or KSUAVM 402. **USD 305 Course Code: KS6083**

KSUAVM 402 – Gas Turbine Powerplant Technology (3 credit hours)

A study in the theory, operation, construction, design, and maintenance of gas turbine powerplants installed in aircraft. Topics include jet propulsion history and development, the Brayton cycle, turbine engine systems, thrust reverser operations, and emerging trends in the design and application of gas turbine engines. Practical experiences include engine removal, installation, engine test cell operations, and troubleshooting to an airworthy standard with an emphasis on disassembly and inspection of small turboprop/turboshaft engines commonly found on turbine twin-engine aircraft and helicopters. **USD 305 Course Code: KS6103**

KSUAVT 100 – Introduction to Aviation (3 credit hours)

This course examines the history of aviation and a look at the future. Students discuss the attributes of an aviation professional, careers, career planning, and pilot certification. Students consider historical events and their relationship to current aviation aspects. The interdependency and synergy in the development of military aircraft, the space program, as well as the growth of commercial and general aviation is discussed. Students use the Internet for various research projects concerning the past, present, and future of aviation.

USD 305 Course Code: KS5553

KSUAVT 242 – Aviation Meteorology (3 credit hours)

Basic aviation-related meteorology concepts through the study of atmospheric elements and how they generally affect the weather: introduction to the subject, water in the atmosphere, variables which cause local weather changes, specific aviation-associated hazards, understanding meteorological reports and forecasts, meteorological techniques used in predicting weather patterns. **USD 305 Course Code: KS5173**

KSUAVT 250 – Safety and Security of Airport Ground Operations (3 credit hours)

This course discusses general aviation airport ground operations, particularly from the mechanic, pilot, and ramp worker perspective. Focus will be on increasing awareness of airport operations. Attention will be given to improving airport safety by creating an enhanced awareness of rules, policies, procedures, and potential hazards that affect all individuals working in and around the airport ground operations environment. Some topics included are: aircraft marshalling procedures, airfield security issues, ground vehicle operations, and security and accident/incident response reporting. **USD 305 Course Code: KS5183**

KSUAVT 340 – Human Factors in Aviation (3 credit hours)

Explores the physical environment and physiology limitations imposed on the aviation professional. Health, fatigue, human behavior and errors, communication, team building, leadership, situation awareness, crew resource management, judgment, and aeronautical decision making are studied to achieve safe and efficient operation. Prerequisite: KSUPPIL 111 or KSUAVT 100. **USD 305 Course Code: KS6113**

KSUBIOL 198 – Principles of Biology (4 credit hours)

The class is 4 credit hours at KSU Salina and will count as a year of high school biology because it has the lecture portion and the integrated lab. The class is 4 credit hours at KSU Salina and will count as a year of high school biology because it has the lecture portion and the integrated lab. An introductory biology course with emphasis on understanding processes and linkages within and between different levels in the hierarchy of life. Specific areas covered include the scientific method, evolution, ecology, biological molecules, structure/function of cells, genetics, energy flow, biodiversity, and plant/animal biology. **USD 305 Course Code: KS6533**

KSUBUS 110 – Introduction to Business (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Business Essentials. This course surveys the objectives, decisions, and activities within a business organization. Topics include a study of management responsibilities and controls, organizational structures, and marketing activities. **USD 305 Course Code: KS6543**

KSUBUS 251 – Financial Accounting (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Accounting 1A. Study of business topics such as alternative forms of business organizations; typical business practices; legal instruments such as notes, bonds, and stocks; and financial statements and analysis. The main objective is to develop the ability to provide information to stockholders, creditors, and others who are outside an organization.

USD 305 Course Code: KS6553

KSUBUS 252 – Managerial Accounting (3 credit hours)

This course provides dual credit on campus at Kansas State University with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Accounting 1B. This course outlines the use of internal accounting data by managers in directing the affairs of business and non-business organizations.

Prerequisite: KSUBUS 251. **USD 305 Course Code: KS6133**

KSUBUS 315 – Supervisory Management (3 credit hours)

An analysis of the responsibilities and work environment of a supervisor, with an examination of skills, practices, and concepts helpful in developing effective relations with people in today's changing environment. *Prerequisite: KSUENGL 100.* **USD 305 Course Code: KS6143**

KSUBUS 366 – Management with Information Technology (3 credit hours)

A comprehensive view of the role of information technology in satisfying organizations' information requirements. Problems and techniques concerning the management of responsive information systems with special attention to managers' use of systems outputs. Cases and hands-on exercises emphasizing the use of information systems in decision making, information gathering and organizing, use of modeling techniques, and presentation of information. **USD 305 Course Code: KS6153**

KSUBUS 400 – Marketing Techniques and Applications (3 credit hours)

A general study of marketing principles which lead to the development of marketing strategy. A review of environmental influences and key analytical tools used in formulating marketing plans. Product or service design, distribution, pricing, and promotional programs. *Restricted to Applied Business Associate students only.* **USD 305 Course Code: KS6733**

KSUBUS 410 – Managerial and Project Economics (3 credit hours)

Economic analysis of problems as applied to managerial decision making. Students consider the economic viability of solutions in engineering and a variety of other kinds of projects common in technology-oriented businesses. *Prerequisite: KSUMATH 100. Restricted to Applied Business Associate students only.*

USD 305 Course Code: KS6743

KSUBUS 420 – Managerial Perspectives (3 credit hours)

Provides an introduction to the four basic managerial functions of planning, organizing, leading and controlling and their application to today's complex work environment. An emphasis is placed on the roles and responsibilities of managers that help them to successfully meet organizational objectives by effectively leading employees and optimizing processes. *Restricted to Applied Business Associate students only.*

USD 305 Course Code: KS6753

KSUCHM 110 – General Chemistry (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for one year of high school chemistry if the student completes the lecture and lab class General Chemistry Lab KS6573 through KSU. Principles, laws, and theories of chemistry; important metallic and nonmetallic substances. *An optional laboratory course, CHM 111, is available for an additional hour credit.*

Prerequisite: at least one year of high school algebra. **USD 305 Course Code: KS6563**

KSUCHM 111 – General Chemistry Laboratory (1 credit hour)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for one year of high school chemistry if the student completes the lecture KS6563 and lab class General Chemistry Lab KS6573 through KSUA laboratory course to supplement the material of CHM 110.

Prerequisite: KSUCHM 110 or concurrent enrollment. **USD 305 Course Code: KS6573**

KSUCHM 210 – Chemistry 1 (4 credit hours)

First course of the principles of chemistry and the properties of the elements and their compounds. *Prerequisite: One year of high school chemistry and MATH 100 (or two yers of high school algebra).* **USD 305 Course Code: KS6863**

KSUCMST 103 – Computing Principles (3 credit hours)

Fundamental concepts of computer science and computational thinking. Topics include the use of abstraction, problem analysis, data representation, algorithms and programming. Students learn to use creative processes to develop computational artifacts. Student activities are designed to appeal to a broad audience, including those underrepresented in computing. **USD 305 Course Code: 905073**

KSUCMST 108 – PC Desktop Software (3 credit hours)

This course will be offered for dual credit online at Kansas State University Salina with KSU faculty. The class will count for a .5 credit at USD 305's high schools for Computer Applications 2. The use and application of popular software application packages. Topics include word processors, electronic spreadsheets, database management systems, and presentation software. Students are required to complete assignments on the computer, some of which are completed outside of class. **USD 305 Course Code: KS6583**

KSUCMST 135 – Web Fundamentals (3 credit hours)

Concepts of communications across the Internet, and the technology required to create web pages. Topics include ethical use of the web and accessibility issues for disabled visitors. In-depth coverage of web page construction and styling. **USD 305 Course Code: KS5113**

KSUCMST 146 – Digital Photography (3 credit hours)

Introduces basic photographic techniques and computer assisted image manipulation. Topics include: basic camera functions, basic digital image processing, visualization and design skills and digital manipulation techniques needed in today's market place. Students have opportunities to create portfolio pieces.

USD 305 Course Code: KS5203

KSUCMST 180 – Introduction to Database Systems (3 credit hours)

An introduction to properties and design principles of relational databases. Topics include database terms, E-R Modeling, relational table design and normalization, the relational algebra, Structured Query Language, and the database life cycle. Laboratory work includes the design and implementation of a database.

USD 305 Course Code: KS5053

KSUCMST 183 – Computer Systems Studio 1 (1 credit hour)

Students begin a portfolio of projects that connect the topics covered in KSUCMST 103, KSUCMST 135, required general education courses, and other relevant subjects. *Corequisite: KSUCMST 103 and KSUCMST 135.*

USD 305 Course Code: KS6163

KSUCMST 185 – Computer Systems Studio 2 (1 credit hour)

Students add to their portfolios projects that connect the topics covered in KSUCMST 250, KSUCMST 247, past required KSUCMST and general education courses, and other relevant subjects. Prerequisite: KSUCMST 183.
Corequisite: KSUCMST 247 and KSUCMST 250. **USD 305 Course Code: KS6173**

KSUCMST 247 – Programming 1 (3 credit hours)

The syntax and semantics of a modern programming language. Topics include expressions, control statements, objects, classes, methods, event handling, arrays, inheritance, and polymorphism. Students are expected to apply the computational thinking and creative processes learned in KSUCMST 103 to the development of computer programs. Prerequisite: KSUCMST 103..

USD 305 Course Code: KS5083

KSUCMST 250 – Hardware and Network Fundamentals (3 credit hours)

An introduction to computer systems with an emphasis on the internal workings of computer and network hardware. Hardware topics include data representation in binary, digital logic and the Von-Neumann architecture. Network topics include local-area and wide-area networks, topology, protocols and transmission media. Student activities include proper hardware configurations for various applications.

USD 305 Course Code: KS5043

KSUCMST 252 – System and Software Fundamentals (3 credit hours)

An introduction to computer systems with an emphasis on systems software. Systems topics include operating systems, low-level and high-level programming languages, virtualization and an introduction to the theory of computation. Prerequisite: KSUCMST 250. **USD 305 Course Code: KS5103**

KSUCMST 283 – Computer Systems Studio 3 (1 credit hour)

Students add to their portfolios projects that connect the topics covered in KSUCMST 180, KSUCMST 335, past required KSUCMST and general education courses, and other relevant subjects. Prerequisite: KSUCMST 185.
Corequisite: KSUCMST 180 and KSUCMST 335. **USD 305 Course Code: KS6183**

KSUCMST 285 – Web Certificate Capstone Studio (1 credit hour)

Students prepare a portfolio of projects demonstrating their achievement of the student learning outcomes for the web development certificate. Corequisite: KSUCMST 247. **USD 305 Course Code: KS6193**

KSUCMST 302 – Applications in C Programming for Engineering Technology (3 credit hours)

An introduction to structured program design and implementation using the C programming language. Topics include use of the C language in calculations, input, output, and file handling. Students design, implement, and test programs applicable to engineering technology majors. **USD 305 Course Code: KS6200**

KSUCMST 315 – Introduction to System Administration (3 credit hours)

An in-depth study of network and server administration. Topics include network design, hardware and software selection, server and client installation, management of network services, file and network resource administration, configuration of permissions and policies, and server monitoring and tuning. Corequisite: KSUCMST 252. **USD 305 Course Code: KS6203**

KSUCMST 332 - Web Development Project (3 credit hours)

Each student implements a major web site. Students apply system analysis concepts to design a working website using graphics, security, and information processing. Prerequisite: KSUCMST 335. **USD 305 Course Code: KS6213**

KSUCMST 335 – Programming 2 (3 credit hours)

Client/server programming used in web development. Students create web applications, some of which include database components. Prerequisite: KSUCMST 135 and KSUCMST 247. Corequisite: KSUCMST 180. **USD 305 Course Code: KS6223**

KSUCOMM 106 – Public Speaking 1 (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The course fulfills both high school speech graduation requirement as well as the KSU college speech requirement. Principles and practice of message preparation, audience analysis, presentational skills, and speech criticism permitting greater practice in oral presentation. **USD 305 Course Code: KS6593**

KSUCOMM 322 – Interpersonal Communication (3 credit hours)

Examination of the dynamics of face-to-face interpersonal interaction. Focus is on applying principles of relational communication. Prerequisite: KSUCOMM 103. **USD 305 Course Code: KS6773**

KSUCOT 150 – Humanities Through the Arts (3 credit hours)

This course provides dual credit online at Kansas State University Salina with KSU faculty. The class will count for a .5 credit for an elective with USD 305. A general introduction to the humanities, focusing on what they are and the basic importance. Painting, sculpture, architecture, literature, drama, music, dance, film, and photography will be explored. Emphasis will be on participation, involvement, guest speakers, tours, and appreciation. **USD 305 Course Code: KS6843**

KSUCOT 295 – Introductory Industrial Internship (3 credit hours)

Introductory experiential learning program in an off-campus setting. Written documentation and oral presentation of project goals, experiences, and accomplishments. Prerequisite: Approval of internship advisor and sponsoring company **USD 305 Course Code: KS6783**

KSUCOT 495 – Advanced Industrial Internship (3 credit hours)

Advanced experiential learning program in an off-campus setting. Written documentation and oral presentation of project goals, experiences, and accomplishments. Prerequisite: Approval of internship advisor and sponsoring company **USD 305 Course Code: KS6793**

KSUDIGME 137 – Fundamentals of Visual Communication (3 credit hours)

An examination of the elements of visual design essential to communication with digital technology. Topics include design elements, color theory, graphics creation and optimization, and multimedia. Students receive hands-on experience with the elements and principles of visual literacy and working with 2-D organization. **USD 305 Course Code: KS5093**

KSUDIGME – 163 Fundamentals of Design Thinking (3 credit hours)

Students learn how to use the design thinking process to solve problems creatively, collaboratively and empathetically. Additionally, the course equips students with the knowledge of the processes and techniques used to solve problems and innovate in the workplace. **USD 305 Course Code: KS6233**

KSUDIGME 256 – Digital Literacy (3 credit hours)

Effective digital communications using industry standard technologies to create and edit various media including photographs, videos, sound recordings, websites and other forms of print and online media. Students analyze, evaluate and participate in digital culture. Digital publishing topics include media access, censorship, copyright, fair use, mashups and remixes. **USD 305 Course Code: KS5213**

KSUDIGME 365 – User Experience (UX) Design in Digital Media (3 credit hours)

This course is an introduction to User Experience (UX) Design in the field of Digital Media. The course teaches and prepares students on how to use techniques of discovery and evaluation in the UX design process. Students will learn how to use digital toolkits to gather information about what users need within a UX framework and how to design and model interfaces based on UX Design best practices. Corequisite: KSUDIGME 137. **USD 305 Course Code: KS6243**

KSUDIGME 406 – Social Media (3 credit hours)

(3 credit hours) An exploration of the social media aspects of producing and consuming digital media content; including blogging, podcasting, and vodcasting. Diversity of the human condition is emphasized. Students will develop and publish an online portfolio of their best digital media work. **USD 305 Course Code: KS6803**

KSUECET 100 – Basic Electronics (3 credit hours)

A survey course designed to provide an overview of basic direct and alternating current circuits and an introduction to linear and digital electronics. Laboratory exercises reinforce circuit theory and provide skills in the use of common electronic instruments. **USD 305 Course Code: KS5063**

KSUECET 101 – Direct Current Circuits (4 credit hours)

An introductory course in basic circuit theory emphasizing the analysis of passive circuit networks containing resistance, capacitance, and inductance operating in direct current conditions. Topics include equivalent circuits, network theorems, capacitance, RC-circuit response, inductance, RL-circuit response, and computer simulation. Prerequisite: KSUECET 100. **USD 305 Course Code: KS5523**

KSUECET 220 – Semiconductor Electronics (4 credit hours)

An introductory course in electronic devices. Topics include PN-junction theory, diodes, transistors, transistor biasing, transistor modeling, operational amplifiers, voltage regulators, and field-effect transistors (FET). Prerequisite: KSUMATH 100. Corequisite: KSUECET 101, and KSUMATH 150. **USD 305 Course Code: KS6253**

KSUECET 250 – Digital Logic (3 credit hours)

Study of basic logic elements including gates, flip-flops, counters, and registers. Includes Boolean algebra, logic reduction methods, and digital logic applications. Emphasis on computer simulation and PLD implementation of logic circuits. Corequisite: KSUECET 100. **USD 305 Course Code: KS5243**

KSUECET 301 – Circuits 2 (4 credit hours)

Analysis of passive networks containing resistance, capacitance, and inductance operating in alternating current conditions. Includes sinusoidal waveforms, polar and rectangular complex algebra, inductive and capacitive reactance, impedance networks, power factor correction, resonance, magnetic circuits, and an introduction to three-phase power distribution. Prerequisite: KSUECET 101 and KSUMATH 150.

USD 305 Course Code: KS6263

KSUECET 335 – Industrial Control Topics (1 credit hour)

Study of the applications of electronic circuits and systems in industrial environments. Topics include control systems and devices, control system modeling and simulation. Prerequisite: KSUECET 100.

USD 305 Course Code: KS6273

KSUECET 350 – Microprocessor Fundamentals (4 credit hours)

Concepts of microprocessor architecture, programming, and interfacing. Topics include assembly language programming, data conversion methods, and microprocessor-based system development tools. Prerequisite: KSUECET 250.

USD 305 Course Code: KS6283

KSUECET 340 – Electronic Manufacturing (3 credit hours)

A practical course in the details of electronic system design and fabrication. Topics include 2D CAD; printed-circuit board design, layout, and fabrication; electronic-system design principles; fabrication, packaging and assembly techniques for electronic systems; and through-hole and surface-mount technologies. Prerequisite: KSUECET 110.

USD 305 Course Code: KS5233

KSUECON 110 – Principles of Macroeconomics (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit of either economics (CHS) or social studies 4 (SHS). Basic facts, principles, and problems of economics; determination of the level of output, employment, and the price level; the monetary and banking system; problems and policies of economic instability, inflation, and growth; principles of economic development; other economics systems. **USD 305 Course Code: KS6603**

KSUECON 120 – Principles of Microeconomics (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for a .5 credit of either economics (CHS) or social studies 4 (SHS). Basic facts, principles, and problems of economics including study of the determination of prices; the determination of wages, rent, interest, and profit; theory of the firm; monopoly and government regulation; international economic relations. **USD 305 Course Code: KS6613**

KSUENGL 100 – Expository Writing 1 (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. Expository Writing 1 is only offered during the fall semester. Introduction to expressive and informative writing. Frequent discussions, workshops, and conferences. Offers extensive practice in the process of writing: getting ideas, drafting, analyzing drafts, revising, and editing. **USD 305 Course Code: KS6623**

KSUENGL 200 – Expository Writing 2 (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. Expository Writing 1 is only offered during the fall semester. During the spring semester students can make a choice as to whether to take Expository Writing 2 or Intro to Literature and have one of the two courses count for English 4B credit. Introduction to writing persuasively. As with KSUENGL 100, uses discussion, workshops, and conferences, and emphasizes the writing process. Prerequisite: KSUENGL 100. **USD 305 Course Code: KS6633**

KSUENGL 251 – Introduction to Literature (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. Expository Writing 1 is only offered during the fall semester. During the spring semester students can make a choice as to whether to take Expository Writing 2 or Intro to Literature and have one of the two courses count for English 4B credit. Study of fiction, poetry, drama, and nonfiction. **USD 305 Course Code: KS6643**

KSUENGL 302 – Technical Writing (3 credit hours)

This writing course will provide students from a number of business, technology and aviation disciplines with intensive practice writing the kinds of documents that are common in their future professional lives.

Prerequisite: KSUENGL 100 and sophomore standing (30 college hours completed).

USD 305 Course Code: KS6293

KSUGEOL 100 – Earth in Action (3 credit hours)

The earth's physical, structural, and dynamic features; the most common minerals and rocks; processes affecting the earth. **USD 305 Course Code: KS6303**

KSUGEOL 103 – Geology Laboratory (1 credit hour)

Laboratory investigation of rocks and minerals; use of geologic and topographic maps; understanding of stream and groundwater processes and landforms. Prerequisite or co-requisite: KSUGEOL 100 or KSUGEOL 125.

USD 305 Course Code: KS6313

KSUGEOL 125 – Natural Disasters (3 credit hours)

Discussion of geological phenomena such as earthquakes, volcanic eruptions, landslides, and floods, with particular emphasis on their causes, effects, and significance as hazards. **USD 305 Course Code: KS6323**

KSUMATH 100 – College Algebra (3 credit hours)

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty**. This class will count for .5 of a high school math credit toward graduation requirements. Fundamental concepts of algebra; algebraic equations and inequalities; functions and graphs; zeros of polynomial functions; exponential and logarithmic functions; systems of equations and inequalities. *Prerequisite: Mathematics ACT score of 23 or higher; or two years of high school algebra and a Mathematics Algebra Placement Exam score of 21 or higher.*

USD 305 Course Code: KS6653

KSUMATH 150 – Plane Trigonometry (3 credit hours)

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty**. This class will count for .5 of a high school math credit toward graduation requirements. Trigonometric and inverse trigonometric functions; trigonometric identities and equations; applications involving right triangles and applications illustrating the laws of sines and cosines. *Prerequisite: C or better in KSUMATH 100; or two years of high school algebra and a Mathematics ACT score of 25 or higher; or two years of high school algebra and a Mathematics Algebra Placement Exam score of 40 or higher; or two years of high school algebra and a Mathematics Calculus Placement Exam score of 9 or higher.* **USD 305 Course Code: KS6523**

KSUMATH 205 – General Calculus and Linear Algebra (3 credit hours)

Introduction to calculus and linear algebra concepts that are particularly useful to the study of economics and business administration with special emphasis on working problems. *Prerequisite: C or better in KSUMATH 100; or two years of high school algebra and a Mathematics ACT score of 26 or higher; or two years of high school algebra and a Mathematics Algebra Placement Exam score of 40 or higher.* **USD 305 Course Code: KS6333**

KSUMATH 220 – Analytic Geometry and Calculus 1 (4 credit hours)

This course provides **dual credit on campus at Kansas State University Salina with KSU faculty**. This course will count as one year of high school calculus credit toward graduation requirements because it has a lecture and integrated lab. Analytic geometry, differential and integral calculus of algebraic and trigonometric functions. *Prerequisite: B or better in KSUMATH 100 and C or better in KSUMATH 150; or three years of college preparatory mathematics including trigonometry and an Mathematics ACT score of 28 or higher; or a Mathematics Calculus Placement Exam score of 21 or higher.* **USD 305 Course Code: KS6663**

KSUMATH 221 – Analytic Geometry and Calculus 2 (4 credit hours)

Continuation of KSUMATH 220 to include transcendental functions, techniques of integration, and infinite series. *Prerequisite: C or better in KSUMATH 220; or a Mathematics Calculus Placement Exam score of 40 or higher.* **USD 305 Course Code: KS6343**

KSUMET 111 – Technical Graphics (3 credit hours)

Introduction to applications in sketching and 2D computer-aided design applied to geometric development and engineering communication. Techniques are applied to produce finished drawings and schematics to National and international standards. Theory and applications of orthographic and auxiliary projection and pictorial drawing. Standards for symbols, section views, and dimensioning included.

USD 305 Course Code: KS556

KSUMET 117 – Mechanical Modeling and Detailing (3 credit hours)

Professional practices in the development and application of 3D part and assembly modeling for design and manufacturing. Preparation of 3D model for manufacturing data or production drawing. Development of tolerances versus cost, fit tolerances, and introductory geometric dimensioning and tolerancing (GD&T) specifications. Application of handbook data and spreadsheet computation to design detail development.

USD 305 Course Code: KS5263

KSUMET 121 – Manufacturing Methods (3 credit hours)

Introduction to contemporary manufacturing processes and practices, including precision measurement and inspection, machining, forming, casting, and welding processes. Recitation and laboratory experience in manufacturing practices, including metrology and basic setup and operation of manufacturing equipment. Observation of applications in local industry. **USD 305 Course Code: KS5523**

KSUMET 125 – Computer-Numerical-Controlled Machine Processes (2 credit hours) Study and practice of basic CNC programming and machining operations. **USD 305 Course Code: KS5273**

KSUMET 211 – Statics (3 credit hours)

A study of forces and their effects on the bodies upon which they act. Corequisite: KSUPHYS 113.

USD 305 Course Code: KS6353

KSUMET 230 – Automated Manufacturing Systems 1 (3 credit hours)

A general survey of the various components and systems in automated manufacturing, including material handling, electropneumatic control, programmable logic control, robotics, tooling, inspection and quality control, CNC, and other production processes. Prerequisite: KSUECET 100. **USD 305 Course Code: KS5283**

KSUMET 231 – Physical Materials and Metallurgy (3 credit hours)

A broad view of materials used in industry, including structures of materials, how they react to stress and temperature, how the polyphase structures form, and how they are controlled to produce optimum properties. Students will examine through study and laboratory experimentation ferrous and nonferrous metals, polymers, composites, and ceramics. **USD 305 Course Code: KS5293**

KSUMET 245 – Material Strength and Testing (3 credit hours)

Calculations of material strength and deformation are complemented with principles and practice of mechanical testing including instrumentation and measurement in the areas of loads, stresses, deformations, thermal stresses, and other quantities. Prerequisite: KSUMET 211.

USD 305 Course Code: KS6363

KSUMET 252 – Fluid Power Technology (3 credit hours)

Study, design, analysis, operation, maintenance, and applications of hydraulic and pneumatic power systems and components. Prerequisite: KSUMATH 150. **USD 305 Course Code: KS6373**

KSUMET 264 – Machine Design Technology 1 (4 credit hours)

Introduction to application and selection of machine elements to design mechanical systems. Covers primary machine elements such as shafts and shaft components, screws and fasteners, welded joints, springs, bearings, gears, clutches and brakes. Corequisite: KSUMET 245. **USD 305 Course Code: KS6383**

KSUMET 382 – Industrial Instrumentation and Controls (3 credit hours)

An introduction to process control systems for industrial applications. Course topics include concepts and terminology, first- and second-order systems, measurement of motion, gauges and transducers, signal processing, and measurement of properties. Prerequisite: KSUECET 304 or KSUECET 201.

USD 305 Course Code: KS6393

KSUPHILO 105 – Introduction to Critical Thinking (3 credit hours)

A basic introduction to both deductive and inductive reasoning. Emphasis is placed on constructing, analyzing, and evaluating arguments. **USD 305 Course Code: KS6403**

KSUPHYS 113 – General Physics 1 (4 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class is 4 credit hours at KSU Salina and will count as a year of high school physics because it has the lecture portion and the integrated lab. A basic development of the principles of mechanics, heat, fluids, oscillations, waves and sound. Emphasis is on conceptual development and numerical problem solving. Prerequisite: KSUMATH 150 or one and one-half units of high school algebra and one unit high school trigonometry.

USD 305 Course Code: KS6673

KSUPHYS 114 – General Physics 2 (4 credit hours)

The continued treatment of the fundamentals of electricity and magnetism, light and optics, atomic and nuclear physics. These concepts are used to understand D.C. and A.C. circuits, motors, and generators. Emphasis is placed on conceptual development and problem solving. Prerequisite: KSUPHYS 113.

USD 305 Course Code: KS6683

KSUPPIL 210 – Aviation Safety (3 credit hours)

This course provides an introduction to the field of aviation safety with an emphasis on promoting a safety culture. Various safety programs and their relevance in the field of aviation are discussed. Students will examine numerous accident reports and discuss safety issues facing the aviation industry today. **USD 305**

Course Code: KS5303

KSUPSYCH 110 – General Psychology (3 credit hours)

This course provides dual credit on campus at Kansas State University Salina with KSU faculty. The class will count for one .5 credit of either psychology or general psychology. An introductory survey of the general content areas of psychology, including methods, data and principles.

USD 305 Course Code: KS6693

KSUPSYCH 290 – Psychology of Religion (3 Credit Hours)

This introductory-level course will survey theory and research of the origins, practice, development, and dynamics of religion from a psychological perspective. Particular emphasis will be placed on: 1) the relationship between religion and individual psychosocial variables; and 2) cultural perspectives with regard to religion. Students will become familiar with how psychologists empirically study the wide range of religious phenomena.

Prerequisite: KSUPSYCH 110 and instructor permission. **USD 305 Course Code: KS6853**

KSUSOCIO 211 – Introduction to Sociology (3 credit hours)

This course provides dual credit online at Kansas State University Salina with KSU faculty. The class will count for a .5 credit of sociology. Development, structure, and functioning of human groups; social and cultural patterns; and the principal social processes. **USD 305 Course Code: KS6703**

KSUSOCWK 100 – Social Work: The Helping Profession (3 credit hours)

An introduction to the profession of social work and the various fields of social service by observing, experiencing, and analyzing social work and its place in society. An opportunity for the student to test social work as a possible career choice. **USD 305 Course Code: KS5503**

KSUSOCWK 200 – Basic Skills for Working with People (3 credit hours)

Course develops basic skill components for the helping professions. Students learn fundamentals of interpersonal communication. **USD 305 Course Code: KS5513**

KSUSTAT 325 – Introduction to Statistics (3 credit hours)

A project-oriented first course in probability and statistics with emphasis on computer analysis of data. Examples selected primarily from social sciences, natural sciences, education and popular culture. Descriptive statistics, probability, sampling, tests of hypothesis and confidence intervals for means and proportions, design and analysis of simple comparative studies, chi-square test for association, correlation and linear regression. Prerequisite: KSUMATH 100.

USD 305 Course Code: KS6813

KSUUAS 114 – Remote Pilot Certification for UAS (2 credit hours)

This course helps prepare students to become an FAA-Certified UAS Pilot. This course covers all knowledge topics important for a commercial UAS pilot. Once complete, the student takes the FAA's Remote Pilot in Command knowledge test. **USD 305 Course Code: KS6823**

KSUUAS 115 – Multi-rotor Flight Lab (1 credit hour)

Basic through advanced flight training on multi-rotor unmanned aircraft. This course establishes the foundation of manual flight, basic automation and features. Proficiency is built through standardized maneuvers to meet practical test standards. Corequisite: KSUUAS 114. **USD 305 Course Code: KS5583**

KSUUAS 270 – Introduction to Unmanned Aircraft Systems (3 credit hours)

Introduction to the history of UAS and survey of current UAS platforms, terminology, challenges to airspace integration and operational theory. **USD 305 Course Code: KS5543**

KSUUAS 272 – UAS Safety Fundamentals (3 credit hours)

Introduction to aviation safety, with an emphasis on best practices for safe operation of unmanned aircraft systems. Topics include safety/risk assessments, human factors, crew resource management, aeronautical decision-making, risk management, and safety assurance. Prerequisite: KSUUAS 270.

USD 305 Course Code: KS6503

KSUUAS 274 – Introduction to Processing Remotely Sensed Data (3 Credit Hours)

Students are introduced to basic theory, history, and practical applications of remote sensing technology, with an emphasis on high spatial resolution multispectral aerial imagery collected using UAS. Other topics include geographic information systems, aerial image interpretation, sensor resolution, orthomosaicing, georegistration, vegetation indices, and image classification. **USD 305 Course Code: KS6873**

KSUUAS 275 – Small UAS Maintenance 1 (3 credit hours)

This course provides students with the knowledge and skill necessary to repair and maintain both fixed- and rotary- wing aircraft during field operations and to ensure continued airworthiness throughout the service life of the aircraft. Instruction emphasizes safe practices, provide an introduction to basic shop tools and machinery used in maintaining sUAS, and develop fundamental skills in platform fabrication and the troubleshooting/repair of the circuits, subsystems and components typically found on sUAS aircraft.

USD 305 Course Code: KS5313

KSUUAS 280 – Multi-Roto Construction Lab (2 credit hours)

This course focuses on the construction of a multi-rotor UAS. This includes gaining an understanding of individual components within the system and integrating the components into a fully functional system. Students will also test and tune the UAS once assembled. **USD 305 Course Code: KS6833**

KSUUAS 370 – Small Unmanned Aircraft Systems Design and Construction (3 credit hours)

Topics include: Unmanned Aircraft System platform, payload and component design and interfacing, system and vehicle maintenance, and systems integration. **USD 305 Course Code: KS6513**



“The Bridge Program”

Admission Requirements: High School GPA: 2.0

Tuition: \$100 per credit hour

Concurrent Credit Courses: These courses are taught at a USD 305 high school by a USD 305 instructor.

Advantage of Completing BCED100: Introduction to Education at Bethany College:

Students who complete BCED100 with a grade of C or better would be granted access to pertinent Bethany online classes listed below at a rate of \$100 per credit hour. These courses would be taken solely online with traditional-path Bethany students.

BCCJ10-Criminal Justice (3 credit hours)

The course is taught by a USD 305 teacher on USD 305 campus in consultation with a Bethany College instructor. USD 305 students must be enrolled in American Justice to be eligible to take BCCJ100: Criminal Justice for concurrent credit. An overview of the history, philosophy and social development, courts, and corrections in a democratic society. Identification and operations of local, state and federal agencies will be covered with criminal justice career orientation.

BCED 100: Introduction to Education (1 credit hour) - Concurrent Credit:

The course will be taught by a USD 305 teacher on our campus. The USD 305 teacher will work in consultation with a Bethany College instructor. USD 305 Students must be enrolled in both Teaching as a Career A and Teaching as a Career B in order to earn concurrent credit for BCED100. Introduction to Education is designed to help direct those students who are considering a career in pedagogy—the science of teaching. The seminar combines an exploration of the teaching profession with an exploration of the student as a potential teacher. Students learn about the varying levels and subjects available for teachers and the professional potential for each. In addition, each student constructs an Individual Development Plan to examine not only his or her skills and interests, but also his or her strengths and weaknesses as a future teacher.

***BCED200 Introduction to Teaching: Classroom Experience (3 credit hours) - Concurrent Credit:**

This course is an exploratory field experience class. Students considering a career in education will work with a cooperating teacher in a classroom setting to gain experience in the field. Students will gain insight into the career of teaching through observing, reflecting, and presenting a lesson in this hands-on experience. Passing ED 200 is required for admittance to the Teacher Education Program. Prerequisites: BCED100 or consent of the instructor or education department chair.

Dual Credit Courses: These courses are taught by Bethany College Instructor online.

BCMA104: College Algebra (3 credit hours) - Offered as an online summer course.

Designed as a course for those students needing College Algebra but not Trigonometry as a requirement for their major or for General Education. Topics include inequalities, logarithms, theory of equations, systems of equations by determinants, complex numbers, graphs, and identities. No credit will be given to those who have passed a calculus course or BCMA 102. A graphing calculator is required: the TI-83 plus or TI-84 plus are recommended. Any calculator that performs symbolic manipulation will not be allowed. This course also meets the general education qualitative skills requirements. Prerequisite: Math ACT score of 20 or BCMA096 with a grade of C or higher.

BCED240: Diversity and Pluralism in Education (3 credit hours) - Currently offered as an online summer course.

This course is designed to study the relationships among diverse groups within our society, emphasizing historical perspective, various social and cultural systems which demonstrate social differences, class distinction, and social mobility, as well as the impact of second language acquisition on today's classrooms. The course provides opportunities for a variety of guest speakers, which helps preservice teachers reflect on others' experiences, cultural values, beliefs, and behaviors. This course will include an early field experience in a culturally diverse classroom or educational or community setting. Prerequisite: BCED 100 or consent of instructor.

BCGO120: Human Geography (3 credit hours) - Currently offered every Fall/Spring semester as an online course.

An investigation into the concepts and methods of geographical analysis. This course examines the spatial patterns of population distribution, cultural diversity, economic activities, political entities, and residential settlement. Emphasis is placed on social, political, and economic behavior from the perspective of decisions relative to space and resource utilization.

BCED251: Instructional Technology (2 credit hours) - Currently offered as an online summer course.

A methods course designed to give education majors a practical, working knowledge of various instructional technologies as they apply to the teaching/learning process. Prerequisite: BCED 100 or consent of instructor.

CRITICAL INTERNET LINKS	
KansasDegreeStats.Org	https://ksdegreestats.org/program_search.jsp
Kansas Articulation Agreements	https://www.ksde.org/Agency/Division-of-Learning-Services/Career-Standards-and-Assessment-Services/CSAS-Home/Career-Technical-Education-CTE/Postsecondary-Partnerships/Statewide-Articulation-Agreements
USD 305	www.usd305.com
KSU Resume Guide	www.k-state.edu/careercenter/documents/resumeinterviewguide.pdf
KSU Interview Guide	www.k-state.edu/careercenter/students/interviews/
Test Taking Tips	www.testtakingtips.com
COLLEGE TESTING & PREP	
ACT	www.act.org
SAT	www.collegeboard.com
COLLEGE/CAREER PREP	
Xello	https://login.xello.world/
Go College	www.gocollege.com
Job Corps	www.jobcorps.gov
Kansas College	www.kansasregents.org
NCAA	www.eligibilitycenter.org
Occupational Outlook Handbook	www.bls.gov/ooh
SCHOLARSHIP & FINANCIAL AID	
FAFSA	www.fafsa.ed.gov
(Free Application for Federal Student Aid U.S. Dept. of Ed.)	www.studentaid.ed.gov/sa/redirects/college-gov
Forecast Early Start for Students in Grades 9-11	www.fafsa.ed.gov
FastWeb	www.fastweb.com
Federal PIN	www.studentaid.ed.gov/sa/fafsa/filling-out/fsaid
Financial Aid Information	www.studentaid.ed.gov

GENERAL ENROLLMENT FEES

USD 305's High School Enrollment Guide is updated annually in October. Fees may change after publication of this document. Please check with your school if you have questions.

CHS: 309-3529; SHS: 309-3708; Bethany College: 785-227-3380; KSU-Salina: 826-2640; SATC: 309-3116; and HCC: 620-665-3500

Initial Textbook/Chromebook Fee:	\$100
	\$50 (Students who qualify for reduced lunch)
Additional charges may apply for damaged or lost textbook, chromebook, charger, and other items	\$50 (Students enrolled in SATC or December Graduates)
	\$0 (Students who qualify for free lunch)

OPTIONAL FEES

Activity Ticket Student	\$30 Admission/Discounts to School Sports and Activities
Yearbook	CHS: \$65 at enrollment or during school year; \$70 after end of school year SHS: \$69 Regular or \$75 Personalized
Adult/Student (K-8) Pride/Reserved Tickets	\$80 Adult \$40 Student Pride Grades 1-8 \$10 Reserved Seats

SPECIALTY COURSE FEES

Accounting	\$40 for Workbook
Art (1, 2, & 3) (Adv. 1, 2, & 3) AP Studio Art 2D & 3D	\$15 Fee for Supplies per Semester: \$30 for Entire Year
Band	\$16 Uniform Cleaning Fee (Color Guard does not Pay Cleaning Fee) \$40 New Band Members Only (Marching Shoes) \$10 T-Shirt
Bethany College Blended & Dual Credit	\$100 per Credit Hour **Subject to change.
Cabinet Making 1, 2, & 3 Carpentry (Residential)	\$20 Fee for Supplies Any additional fees depend on the project selected by the student.
CNA CMA **Subject to change.	CNA Testing: \$38, Book: \$40, Workbook: \$18 CMA Testing: \$20 plus, \$13 Liability Insurance, Book: \$114 **No Fee for Textbook if Returned at End of Course
Conditioning & Personal Fitness	\$5 Fee for Supplies per Semester: \$10 for Entire Year
EMT	EMT: Testing: \$255, Work Shirt: \$20, Book: \$120 **No Fee for Textbook if Returned at End of Course
Graphic Design Digital	\$20 Fee for Supplies
Guitar (Classical)	Students will be Required to Purchase a Music Book
Hutchinson Community College Blended Credit **Subject to change.	\$97 per Credit Hour Plus a \$25 Online Fee for each Course each Semester, Textbooks are Provided HCC English 4A: \$316 + HCC English 4B: \$316 = \$632 General Psychology: \$316
Interactive Media	\$10 Fee for Supplies
Kansas State University Salina Blended & Dual Credit	High school students have a reduced tuition rate of \$122/credit hour for courses numbered 299 or below. Some courses may incur a lab, software or alternative textbook fee. Students will need to purchase a textbook (if applicable).
Legal Concepts	Legal Concepts: Book: \$75 **No Fee for Textbook if Returned at End of Course
Medical Terminology **Subject to change.	Medical Terminology: Book: \$73 **No Fee for Textbook if Returned at End of Course
Metals 1, 2, & 3	\$20 Fee for Supplies Any additional fees depend on the project selected by the student.
Music Theory & AP Music Theory	\$40 Annual Fee for Supplies
Salina Area Technical College	Most technical education courses are tuition free but some institutional fees still apply. General Education courses cost \$99 per credit hour or \$297 for a 3 credit hour course.

TESTING FEES

AP Testing	The AP exam cost for most tests that are administered during the school year is approximately \$97. Late registration for tests (between November 14 and March 12) will cost an additional \$40 over the base exam price. For information on AP Test Fee Waiver see your counselor.
Salina Area Technical College Testing Fees & Info	SATC Testing Coordinator: Call 785-309-3136 for more information regarding specific testing dates/fees.

Grade 9 COURSES			
A = Semester 1; B = Semester 2 * Pre-requisite class required			
Pathway Introductory/Technical/Application Class			
GRADE 9: Choose from this column only			
905471/905472	Animal Science A/B (CHS)	1	36
906101/906102	Algebra 1A/1B	1	65
906121/906122	Alg 1/Geometry A/B	1	66
969453	AP Macroeconomics	.5	82
902001/902002	Art 1A/1B	1	57
900603	AV Production Fund	.5	38
900221/900222	AVID A/B	1	45
902201/902202	Band – Jazz A/B *	1	59
902191/902192	Band - Symphonic A/B	1	58
900113	Business Essentials	.5	38
905311/905312	Cabinetmaking 1A/1B	1	62
902173	Classical Guitar (SHS)	.5	59
900303	Computer Apps 1	.5	39
900333	Computer Apps 2 *	.5	39
907111/907112	Conditioning A/B	1	72
904153	Culinary Essentials	.5	54
904163	Culinary Menus *	.5	54
901121	Debate	F/5	70
905013/905063	Drafting - Basic/CAD	1	63
908101/908102	Earth/Space Sci A/B	1	76
901503	Elements of Acting (SHS)	.5	59
901101/901102	English 1A/1B	1	49
901111/901112	English 1A/1B Adv	1	50
900613	Eng/Sound Prod (SHS)	.5	40
901651/901652	ESL Beginning A/B	1	53
901661/901662	ESL Intermediate A/B	1	53
901671/901672	ESL Reading	1	53
904053	Fabric Art Modules (CHS)	.5	55
901233	Forensics	S/5	70
903011/903012	French 1A/1B	1	88
906201/906202	Geometry A/B *	1	67
900133	Graphic Des 2D	.5	41
901463	Graphic Design Digital	.5	41
907003	Health	.5	72
905401/905402	Intro to Ag A/B (CHS)	1	36
905121/905122	Intro to Engineering(CHS)	1	63
904191/904192	Intro to Hum Serv A/B	1	55
909143	Intro to Public Service Careers	.5	84
904213	Life Span Human Dev	.5	55
908401	Medical Investigations 1	.5	79
905211/905212	Metals 1A/1B (CHS)	1	36
904133	Nutrition & Wellness	.5	56
902181/902182	Orchestra A/B	1	59
904223	Parent & Family Studies	.5	56
907101/907102	Personal Fitness A/B	1	72
907023	Physical Education 1	.5	73
909101	Social Studies 1 (SHS)	.5	86
909123	Sociology	.5	87
903311/903312	Spanish 1A/1B	1	89
903321/903322	Spanish 2A/2B *	1	89
908803	Sports Medicine	.5	80
901423	21 st Century Journalism	.5	44
902221/902222	Vocal Gen Female A/B	1	61
902211/902212	Vocal Gen Male A/B	1	60
902251/902252	Vocal Interm Female A/B*	1	61
902261/902262	Vocal Interm Mix A/B* (CHS)	1	61
900143	Web Page Design	.5	44

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Grade 11 COURSES			
A = Semester 1; B = Semester 2 * Pre-requisite class required Pathway Introductory /Technical/ Application Class GRADE 11: Choose from this column and all previous columns			
901321/901322	Am Studies - Eng A/B (SHS)	1	48
909321/909322	Am Studies – SS A/B (SHS)	1	81
909311/909312	Am History A/B (CHS)	1	81
909133	American Justice	.5	81
905481/905482	Animal Sci Adv A/B* (CHS)	1	36
969311/969312	AP Am History A/B *	1	82
968201/968202	AP Biology A/B *	1	75
968301/968302	AP Chemistry A/B *	1	75
961301/961302	AP Lang & Comp A/B	1	49
962291/962292	AP Music Theory A/B *	1	57
968371/968372	AP Physics 2A/B *	1	76
969111/969112	AP Psychology A/B	1	82
966401/966402	AP Statistics A/B *	1	67
908301/908302	Chemistry A/B *	1	76
908303	Chemistry Center Intern *	.5	45
ALH 110	C.M.A. *	.5	74
ALH 101	C.N.A. *	.5	74
901193	Creative Writing	.5	49
905151/905152	Eng Design & Dev A/B *	1	63
901301/901302	English 3A/3B	1	50
901311/901312	English 3A/3B Adv	1	51
908211/908212	Environmental Science A/B*(CHS)	1	77
901681/901682	ESL Tutor *	1	45
908361/908362	Ess of Anatomy & Phys A/B (CHS)	1	77
HEA 103	Fund of Med Terminology *	.5	74
903031/903032	French 3A/3B * (CHS)	1	88
HC9323	HCC General Psych * Blended	.5	84
908371/908372	Hum Anat & Phys A/B *	1	77
PLS 100	Intro to Criminal Justice * (SATC)	S/.5	84
PSS 101	Intro to Emergency Comm* (SATC)	F/.5	84
FIR 130	Intro to Fire & Emergency Services Admin * (SATC)	F/.5	101
KS 6663	KSU Calculus * Dual	.5	68
KS 6563/KS 6573	KSU Chemistry * Dual w/Lab	.5	78
KS 6693	KSU Gen Psychology * Dual	.5	85
KS 6603	KSU Macroeconomics * Dual	.5	85
KS 6613	KSU Microeconomics * Dual	.5	85
KS 6523	KSU Plane Trigonometry * Dual	.5	68
ALH 134	Legal Concepts *	.5	74

Grade 11 COURSES (continued)			
A = Semester 1; B = Semester 2 * Pre-requisite class required Pathway Introductory /Technical/ Application Class GRADE 11: Choose from this column and all previous columns			
900171/900172	Marketing Mgmt A/B *	1	43
905421/905422	Metals 3A/3B *(CHS)	1	37
902291/902292	Music Theory A/B *	1	59
901473	Multimedia Prod & Edit *	.5	43
907043	PE Advanced	.5	73
908151/908152	Physical Science A/B	1	79
906371/906372	Pre-Calculus/Trig A/B *	1	68
905101/905102	Res Adv Draft A/B * (CHS)	1	64
909301/909302	Social Studies 3A/3B (SHS)	1	86
903341/903342	Spanish 4A/4B *	1	89
904231/904232	Teaching as a Career A/B	1	56
906111/906112	Transition Algebra A/B *	1	69
901403	Writing Center Intern	.5	47

Grade 12 Courses			
A = Semester 1; B = Semester 2 * Pre-requisite class required Pathway Introductory /Technical/ Application Class GRADE 12: Choose from this column and all previous columns			
966451/966452	AP Calculus A/B *	1	66
969433	AP Gov & Politics	.5	82
961401/961402	AP Lit & Comp A/B	1	49
969453	AP Macroeconomics	.5	82
962101/962102	AP Art & Design 2D A/B *	1	57
962201/962202	AP Art & Design 3D A/B *	1	57
900151/900152	Business OJT A/B *	1	39
902401/902402	Career Internship A/B *	1	39
904263	Career & Comm Intern *	.5	54
909413	Constitution (CHS)	.5	83
PLS 101	Criminal Investigation * (SATC)	S/.5	83/102
PLS 120	Crim Justice Interview & Report *(SATC)	S/.5	83/102
PLS 105	Criminal Procedures * (SATC)	F/.5	83/102
904181/904182	Culinary Internship A/B *	1	54
909423	Economics (CHS)	1	84
901401/901402	English 4A/4B	1	51
909901/909902	Extended Study S1/S2	.5	45
900063	Financial Literacy	.5	41
906221/906222	Financial Math A/B *	1	67
FIR 121	Fire Service Hydraulics & Water Supply * (SATC)	F/.5	101
FIR 115	Firefighter I *(SATC)	S/.5	101
FIR 116	Firefighter II * (SATC)	S/.5	101
FIR 118	Firefighting Strategy/Tactics * (SATC)	F/.5	101
903041/903042	French 4A/4B (CHS)	1	88
FIR 110	Haz Mat for 1 st Responders * (SATC)	F/.5	101
HC 1411	HCC Eng 4A Blended Eng Comp 1*	.5	51
HC 1412	HCC Eng 4B Blended Eng Comp 2 *	.5	51
902391/902392	Ind Study S1/S2	.5	46
KS 6623	KSU Eng 4A Expos 1 * Dual	.5	52
KS 6633	KSU Eng 4B Expos 2 * Dual	.5	52
KS 6643	KSU Eng 4B Intro to Lit * Dual	.5	52
PLS 115	Law Enforcement Ops & Procedures * (SATC)	F/.5	85/102
908413	Med Intern Rotation *	.5	79
909401	Social Studies 4 (SHS)	.5	87
903351/903352	Spanish 5A/5B *	1	89
800100/800110 800120/800130	Student Asst * (CHS)	.5/1	47
Various - 90*700	Student Asst – by dept * (SHS)	.5/1	47
904281/904282	Teaching Intern A/B *	1	56
906381/906382	Trans to Coll Alg A/B *	1	69