BULLDOG

Enrollment Catalog

2025

2026

Arkansas City High School

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www.usd470.com

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Education Amendments of 1972 and Rules and Regulations of the Department of Health, Education, and Welfare (456FR Part 86), the following shall be the Policy: The Board of Education of Unified School District 470 will not discriminate against any employee or applicant for employment on the basis of sex, marital status, race, color, creed, or national origin. Age shall be considered only with respect to minimums set by law and retirement as specified the state or policies of this Board. The Board of Education of Unified School District 470 will not discriminate against any student on the basis of sex, marital status, race, age, color, creed, or national origin in his/her pursuit of an education or desire for educational program activity.

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ACHS Graduation Requirements

Students are reminded to check with their counselors periodically. Review of progress toward achieving graduation requirements will facilitate timely completion. A student must have completed all graduation requirements to participate in the graduation ceremony.

Courses are scheduled according to students' choices. Please note the need for students to be very serious about their first enrollment choices. Changes will be considered on a space-available basis and if the class was a choice on the enrollment form. All posted fees are subject to change.

Credits Required:
English - 4
Social Studies - 3
Science - 3
Math - 3
Physical Education - 1
Career & Technical Ed - 1
Fine Arts - 1
Electives - 10

Credits Required Beginning with the Class of 2028:
English - 3.5
Communications -.5 credit
Social Studies - 3
Science - 3
Financial Literacy - .5
Math - 3
Physical Education - .5
Health - .5
Career & Life Planning - .5
Fine Arts -1
STEM - 1
Electives - 9

Credits Required & Course Options

*** Indicates required credits for the class of 2028**

4.0/*3.5 ENGLISH
English I or Honors English I (1cr)
English II or Hon. English II (1cr)
English III or AP English Language and Composition (1cr)
English IV or AP English Literature and Composition (1cr)

***.5 COMMUNICATIONS**
Public Speaking (.5cr)
Workplace Communication (.5 cr)
Debate (.5cr)
Forensics (.5cr)
Business Communications (.5 cr)
Ag Leadership & Comm.(.5cr)

3.0 SOCIAL STUDIES
World History or AP W. Hist. (1cr)
U.S. History or AP U.S. Hist. (1cr)
Business Econ. or AP Econ. (.5cr)
Government or AP Gov.(.5cr)
Current Events (.5cr)
Sociology or CC Sociology (.5cr)
Psychology or CC Psych. (.5cr)
US/World Geography (.5cr)

3.0 SCIENCE
Physical Science or Hon. Physical Science (1cr)
Biology or Honors Biology (1cr)
AP Biology (1cr)
Chemistry I (1cr)
Honors Chemistry II (1cr)
AP Chemistry III (1cr)
Earth/Space Science (1cr)
Marine Science (.5cr)
Forensic Science (1cr)
Human Biology (.5 cr)
Zoology (.5cr)
Microbiology & Botany (.5 cr)
Human Anatomy & Phys. (1cr)
Physics I (1cr)
Physics II (1cr)
Honors Physics (1r)
Principles. of Applied Engineering (1cr)
Animal Science (1 cr)
Plant and Soil Science (1cr)

1.0 CTE/FINANCIAL LITERACY
Career and Life Planning (.5cr)
Financial Literacy (.5cr)

1.0/*.5 PHYSICAL EDUCATION
Lifetime Sports (5 cr)
Team Sports (.5cr)
Fit for Life (.5 cr)
Athletic Weights A & B (.5 cr)
Weights (.5 cr)
Swimming (.5 cr)
Lifeguard Training (.5 cr)

***.5 HEALTH**
Health (.5cr)

1.0 FINE ARTS
Intro to Art (.5cr)
Drawing I (.5cr)
Drawing II (.5cr)
Painting I (.5cr)
Painting II (.5cr)
Ceramics I (.5cr)
Ceramics II (.5cr)
Adv. 2-D Design (.5cr)
Adv. 3-D Design (.5cr)
Photo Imaging (.5cr)
Photojournalism (.5cr)
Forensics (.5cr)
Debate (.5cr)
Journalism & Media Comm. (.5cr)
Graphic Design I (.5cr)
Graphic Design II (1cr)
Applied Game Design (1cr)
Creative Writing (.5cr)
Advanced Theatre Techniques (.5cr)
Film Studies (.5cr)
Drama (.5cr)
(Yearbook) Media Design & Prod. (1cr)
A/V Production (.5cr)
A/V Production II (Bulldog Live) (1cr)
Band (1cr)
Jazz Band (1cr)
Orchestra (1cr)
Men's/Women's Choir (1cr)
Symphonic Choir (1cr)
Ark High Singers (1cr)
Arkettes (1cr)
Music Theatre - Arts & Production (1cr)
Music Appreciation (.5cr)

3.0 MATH
Fundamental Algebra (1cr)
Algebra I (1cr)
Geometry or Honors Geometry (1cr)
Technical Math (1cr)
Intermediate Algebra IIA (1cr)
Intermediate Algebra IIB (1cr)
Algebra II or Honors Algebra II (1cr)
Algebra III (1cr)
Statistics (.5cr)
Trigonometry (.5cr)
Precalculus (1cr)
Calculus I (1cr)

***1.0 STEM**
4th Credit of Science
4th Credit of Math
Technical &Application Level CTE Courses:
Pathway Internship/Work Studies/Work Place Exp. (1cr)
Agriscience (1 cr)
Ag Food Science (1cr)
Ag Mechanics (1cr)
Ag Welding I (1cr)
Agriculture Fabrication (1cr)
Capstone in Agriculture(1cr)
Ag Leadership & Comm. (1cr)
Business Management (.5cr)
Entrepreneurship (.5cr)
Business Economics (.5cr)
Business Communications (.5cr)
Accounting I (1cr)
Applied Business Develop.(.5)
Adv Accounting (1cr)
Mechanical/Electrical/Plumbing (MEP I) (.5cr)
General Carpentry I (1cr)
General Carpentry II (1cr)
Woodworking Principles (1cr)
Law Enforcement I (1cr)
Law Enforcement II (1cr)
Engineering Design (1cr)
Robotics I (1cr)
Fund. of Electrical Theory (1cr)
Human Growth & Devel. (.5cr)
Lifespan Devel. (.5cr)
Family Studies (.5cr)
Nutrition and Wellness (.5cr)
Culinary Essentials (.5cr)
Baking & Pastry I (.5cr)
Culinary Arts I (1cr)
Computer Science Essent. (1cr)
Journalism & Media Com. (.5cr)
Digital Media Technology (.5cr)
Audio/Video Production I (.5cr)
Media Design & Prod., (1cr)
Principles of Animation (.5cr)
2D Anmiation (1cr)
3D Animation (1cr)
A/V Production II (1cr)
Graphic Design I (.5cr)
Graphic Design II (1cr)
Photo Imaging (.5cr)
Applied Game Design (1cr)
Intro to Education (.5cr)
Technology For Teachers (.5cr)
Teaching Observation (.5cr)
Teaching as a Career (1cr)
Medical Terminology (.5cr)
Healthcare Essentials I (.5cr)
Healthcare Essentials II (1cr)
CNA(CC) (1cr)
CMA(CC) (.5cr)
EMT (CC) (2cr)
College Accounting (CC) (.5cr)

Regents vs Kansas Scholars Comparison (Note: 1 unit = 1 year or 2 semesters)

KANSAS REGENTS Qualified Admissions Curriculum	KANSAS SCHOLARS Curriculum
ENGLISH **Units recommended** Students are encouraged to take courses in journalism, speech, drama/theater, and/or debate. These courses do not count toward English requirements.	**ENGLISH** **4 approved units required** At least one unit of English or language arts must be taken each year of high school. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.
MATH **Units recommended** Students may choose from the following courses: • Algebra I (only taken at HS) • Geometry • Algebra II • any course with Alg II as prerequisite	**MATH** **4 approved units required** In addition to **Algebra I, Algebra II, and Geometry, you **MUST** complete at least one unit of advanced math selected from: • PreCalculus • Calculus I • Algebra III • Statistics • Trigonometry • College Algebra **Algebra I in 8th grade is accepted for Scholars Curriculum
SOCIAL STUDIES **Units recommended** Students must take three units that include instruction in: • World History or AP • U.S. History or AP • Government or AP • Economics or AP May use courses below for elective credits: • College Sociology • Current Events • College Psych • Sociology	**SOCIAL STUDIES** **3 approved units required** • One unit of U.S. History; • Minimum of one-half unit of U.S. Government • Minimum of one-half unit selected from: World History, World Geography or International Relations; • One unit selected from: o 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.
SCIENCE **Units recommended** Students may choose from the following courses: • Physical Science • Honors Physical Science • Biology • Honors Biology • AP Biology • Earth/Space Science • Chemistry • Physics • Honors Chem II • AP Chemistry III • AP Physics • Human Biology • Zoology • Anatomy/Phys • Forensic Science • Animal Science • Plant & Soil Science • Marine Science	**SCIENCE** **3 approved units required** Scholars' Curriculum **REQUIRES** the following courses: • Biology • Chemistry • Physics Students are strongly encouraged to take a 4th year of science
ADDITIONAL ACADEMIC COURSES 3 approved units required	**WORLD LANGUAGE** **2 approved units required** Students are **REQUIRED** to complete two units of the same world language.

QUALIFIED ADMISSIONS STANDARDS	KANSAS SCHOLARS CURRICULUM
ESU, PSU, FHSU, WSU: All Students Must Achieve: Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060) **K-STATE:** All Students Must Achieve: Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060) **KANSAS University:** All Students Must Achieve: Cumulative High School GPA 3.25 **OR** Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)	The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum. 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.

NCAA Eligibility

Any student athlete interested in playing athletics in college should become familiar with NCAA requirements at www.ncaa.org. The NCAA requires 16 core classes from the areas of English, Mathematics, Science, Social Studies or World Language.

Division I Rules for Students Entering College in 2016 or Later

Minimum core-course GPA of 2.30 required
Change in GPA/test score index (sliding scale)
Ten core courses required before beginning of senior year

Additional Information on NCAA Eligibility

Any student may come down to the Counseling and Career Center and a counselor will go over all the requirements and analyze the student(s)' transcript for evaluation of NCAA eligibility. **In effect for the 2019-2020 school year, NCAA will NO LONGER accept Intermediate Algebra IIA and/or Intermediate Algebra IIB toward eligibility.**
You can also visit the NCAA Eligibility Center at: www.eligibilitycenter.org/

Post-High School College Recommendations

College Entrance Recommendations

Students who plan to enter a two-year or four-year college should check the admission requirements at the institutions in which they are interested. Students should be sure they are using the most recent information available.
Most colleges require a minimum of a “C” average. Highly competitive colleges often require a “B” average or better for admission. A record of good behavior and cooperation with school staff and classmates is expected and necessary in order to receive satisfactory recommendations for college. Good academic and attendance records, as well as involvement in school and/or community activities, are the best qualifications an applicant can offer.

Traditional College Entrance Recommendations

College-bound students should consider a high school program which will prepare them for university work. Refer to page 4 for complete Kansas Regents and Scholars Curriculum requirements. A minimum program should include:

4 credits English
3 credits Social Studies
4 credits Mathematics
2 credits World Language (not required)
3 credits Science

Selective College & University Entrance Recommendations

Many selective colleges, both public and private, recommend these high school courses. Honors or AP courses are highly recommended in all subject areas. These courses not only help in securing admission, but also enhance success in college work. Not all selective colleges and universities will accept AP scores as credit, so be sure to check with the receiving institution to determine if they will accept it.

4 credits English (9, 10, 11, 12)
4 credits Science (Biology, Chemistry & Physics)
4 credits Mathematics (must include higher level math)
3 credits Social Studies
2 credits World Language
1 credit Fine Arts

Qualified Admissions for Kansas Regents Institutions

The requirements for Qualified Admissions changed in 2021. Units are no longer required; but rather, recommended.
The Regents institutions will accept pass/fail credit in any of the courses taken to fulfill the admission requirements but will treat the "P" like a D for grade calculation.

Kansas Scholars Curriculum

Students who complete the following curriculum will receive a certificate of completion from the Kansas Board of Regents and will be considered for the Kansas State Scholars Program. The Kansas Ethnic Minority Scholarship, Kansas Nursing Scholarship and the Kansas Teacher Service Scholarship also require the following curriculum for application consideration.

English (4.0 credits)
One unit to be taken each year.

Science (3.0 credits)
One credit each in Biology, Chemistry and Physics

Math (4.0 credits)
Algebra I, Algebra II, Geometry, plus one additional higher course. Algebra I taken in middle school, will count toward this requirement

Social Studies (3.0 credits)

World Language (2.0 credits)
Two years of one language

Advanced Placement Courses/Exams/Weighted Grades

Certain advanced courses in the high school program are designated Advanced Placement. The Advanced Placement examinations given each May on a standardized national test day are scored by the Education Testing Service. Each examination receives an overall grade on a five-point scale.

Each college decides which AP scores it will accept. Some colleges accept scores of 3 or better and give the student credit as if that person had taken one or more basic courses in the subject tested. In some cases, credit is not given, but the necessity of taking basic courses is waived. Students are encouraged to check with individual colleges to determine credit options that are best for them and the college board website.

College-bound students should consider taking one or more AP courses. Research shows students completing one or more AP courses, regardless of their grades, do better in college than those never taking AP courses.

Testing information will be given to teachers of AP courses in the Fall and will be distributed to enrolled AP students. The current cost is approximately $96.00 per AP exam. USD 470 covers the cost of the test for all students enrolled in AP classes. If a student drops an AP course at semester, the AP College Board charges a cancellation fee of $40 per exam. If a class is dropped, the student will be responsible for the fee(s). AP courses offered at ACHS are listed below:

ENGLISH
- AP English Language & Composition
- AP English Literature & Composition

SCIENCE
- AP Biology
- AP Chemistry III

MATHEMATICS
- AP Calculus

SOCIAL STUDIES
- AP World History
- AP US History
- AP Government

Advanced Placement Five-Point Scoring Scale

5 = extremely well-qualified
4 = well-qualified
3 = qualified
2 = possibly qualified
1 = no recommendation

ACHS Weighted Grades

Honors and AP courses will be graded on a 5.0 modified/weighted grade scale. All other courses at ACHS will remain on the 4.0 non weighted grade scale. The courses listed below are included in the 5.0 modified/weighted grade scale. See a complete list of weighted Honors, AP and college courses in (APPENDIX D).

- Honors Physical Science (Grade 9)
- Honors Biology (Grade 10
- AP World History (Grade 10)
- AP English Language and Composition (Grade 11)
- AP Biology (Grade 11)
- AP Economics (Grade 12)
- AP Chemistry III (Grade12)
- Honors Physics I (Grade 11 or 12)
- Honors Physics II (Grade 12)
- Honors English I (Grade 9)
- Honors English II (Grade 10)
- Honors Chemistry II (Grade 11)
- AP U.S. History (Grade 11)
- AP English Literature and Composition (Grade 12)
- AP Government (Grade12)
- Honors Geometry (Grade 9-10)
- Honors Algebra II (Grade 10-12)
- Calculus I (Grade 12)
- Fort Hays State University KAMS program courses

WEIGHTED COURSES

GRADE SCALE	GPA WEIGHT
A = 87-100	A = 5
B = 77-86	B = 4
C = 70-76	C = 3
D = 60-69	D = 2
F = 0-59	F = 0

NON-WEIGHTED COURSES

GRADE SCALE	GPA WEIGHT
A = 90-100	A = 4
B = 80-89	B = 3
C = 70-79	C = 2
D = 60-69	D = 1
F = 0-59	F = 0

What is the Kansas Academy of Mathematics and Science?

KAMS is a challenging opportunity for exceptional students who are ready for the college experience. A residential program at Fort Hays State, KAMS allows students to study and conduct research with PH.D. faculty and peers to continue their intellectual growth. KAMS is an Early College Program that the Kansas state legislature enacted in 2006 to promote STEM education for exceptional Kansas students. Qualified juniors and seniors in high school attend Fort Hays State University tuition free for up to 68 college credits. Books, laptop, and fees are included. Room & board is not included. Scholarships are available. www.fhsu.edu/kams

ACHS/Cowley College Partnerships

Concurrent Enrollment for General Education Classes
School students enrolled in courses administered through the FastTrack program must meet the minimum admissions, assessment (either through ACT or Accuplacer), and course prerequisite requirements as outlined by college policy and procedures. Students must also be authorized by the school principal and high school counselor to enroll for college-level courses. The Arkansas City Public School District has an articulated agreement with Cowley County Community College (CCCC) to offer concurrent enrollment courses through Cowley's FastTrack Dual Enrollment Program. This program provides educational opportunities to qualified high school students and allows them to earn college credit while dually enrolled in high school. The FastTrack program is open to high school sophomores, juniors and seniors and/or students identified as gifted with a current Individualized Education Plan (IEP). High

Weighted Cowley Courses

Certain Cowley courses, taken by ACHS students for dual credit, qualify for weighted grades. See APPENDIX D for a complete list.

Concurrent students will be officially registered as students of Cowley College and are classified as non-degree seeking students. The academic credit granted for college course work successfully completed by the student shall qualify for college credit. Credit will be recorded on the student's official academic record of the College. At the discretion of the high school and school district, course work may simultaneously qualify for high school credit.

Students are responsible for paying the College the current rate of tuition and fees as outlined by college policy, except for courses the school district agrees to pay tuition on, as listed on the "Guaranteed Transfer" sheet (APPENDIX C). Students are expected to purchase their own course materials, unless provided by the school district.

> **Tuition**: USD 470 agrees to pay tuition for 3 credit hours per student, per semester, for each class listed in APPENDIX C. ACPS ***will not*** cover the cost of any classes taken during the summer. Evening classes, taken during the school year, will only be covered if that class is part of the student's high school schedule.
>
> **Conditions**: In consideration of the payment of tuition by the District, the Student agrees to the following conditions:
>
> 1. Student must receive a passing grade for the class.
> 2. Student shall not withdraw or be withdrawn from class.

Payment Reimbursement
Student shall repay the district one hundred percent (100%) of the paid tuition and/or fees by the district under this Agreement if the Student fails to comply with any one of the conditions set forth in Conditions above. **Student agrees, upon becoming obligated to repay the District under this Payment Reimbursement, to repay the total amount due the district at zero percent (0%) interest in either one lump sum payment or pursuant to a payment plan agreed upon by the parties. Such lump sum payment or payments under the agreed payment plan shall be immediately due upon the student's failure to comply with any one of the conditions set forth in Conditions.**

Students shall not be eligible to participate in the CAPSS Program until Payment Reimbursement is fulfilled.

While a participant in the CAPSS program, students must be considered full-time students by ACPS guidelines (Sophomores: 8 blocks each semester; Juniors: 8 blocks each semester; Seniors: 8 blocks first semester and 6 blocks second semester) in order to be eligible to participate. ACPS will pay for 3 credit hours, per student, per semester. Any additional credit hours taken in that same semester will be paid by the student, in full, which will include the cost of tuition and fees.

Concurrent Enrollment for Career & Technical Education Classes

Cowley College Entrance Guidelines

All students wanting to enroll in a Career & Tech Ed (CTE) class will be given enrollment paperwork. Once this paperwork has been filled out/completed, the student will turn the packet in to their assigned ACHS counselor.

1. High school GPA of at least a 2.0 required for the CTE courses/programs and for CNA, CMA & EMT courses.
2. Counselor evaluation will be filled out by the student's assigned high school counselor, who will be attesting to attitude, aptitude, attendance and conduct.
3. Complete a Permission to Release Information form (FERPA)
4. Checklist and materials requested need to be returned to their assigned counselor at the high school
5. Complete the admissions process
    a. Admissions application
    b. Complete a FastTrack form
    c. Request high school transcript
    d. Take the Accuplacer reading test (minimum course placement assessment score of 224) or have an ACT reading score of 18

Students will be notified by the college regarding the enrollment decision. NOTE: A student must continue to be in good standing in the areas of discipline and attendance in order to stay in the program.
Because of current special funding through Excel in CTE, formerly Senate Bill 155 (SB155), the enrolled students' tuition is paid through this grant. Approximate cost left up to the student for these programs is based on which program the student is enrolled. (Funding through Excel in CTE is subject to change – check with your counselor, upon enrollment, for accurate funding information.)

The State of Kansas will pay your tuition for qualifying Career and Technical Education (CTE) classes, so you can take the FastTrack toward earning a degree, certificate, industry-recognized credentials, or work ready skills. Cowley College's vocational and technical programs prepare individuals for a wide array of challenging careers in specialized labor markets.

This tuition-free incentive program encourages high school students to gain the training needed to enter a profession and, in many cases, earn an industry-recognized credential prior to graduating from high school. Qualified juniors and seniors in public, private, and homeschool high schools are eligible for free tuition through the Excel in CTE Initiative for Kansas Residents. Cowley College pays your incidental fees; however, you will need to purchase textbooks and may incur some small program fees.

For the most up to date list of courses covered by Kansas EXCEL in CTE initiative, click HERE. Or by visiting https://www.kansasregents.org/workforce_development/excel_in_career_technical_education_initiative_senate_bill_155.

A step-by-step guide to the enrollment process for students wanting to take Cowley courses for dual credit can be found in APPENDIX B.

ACHS Career/Technical Education Classes

Career/Technical Education (CTE) is about helping students, workers, and lifelong learners of all ages fulfill their working potential. First and foremost, it is about education that provides students with the following:

- Academic subject matter taught with relevance to the real world
- Employability skills that include job-related skills and workplace ethics
- Education pathways that help students explore interests and careers in the process of progressing through school

CTE Student Categories
Students must achieve a Skill Level Assessment of proficient or higher for all classes in order to qualify.

Participant - 0.5 credits in an approved pathway
Concentrator - 2.0 credits in an approved pathway in a minimum of two levels (Introductory, Technical, and/or Application)
Completer - 3.0 credits in an approved pathway with 2.0 credits at the Technical & Application Levels, plus an industry recognized certification, 3rd party assessment, end-of-pathway assessment, or validation of skills through work-based learning experience (form signed by industry representative)

ACHS Skill Level Assessment

Students will be assigned a Skill Level Assessment based upon the following district grading scale for each CTE class: Distinguished 90% or higher
Advanced 80% - 89%
Proficient 70% - 79%

The Scheduling Process

The scheduling process is the shared responsibility of students, parents/guardians, teachers and counselors. All of these people contribute ideas and information which result in effective educational programs for students. Since students' educational programs have implications for post-high school education and eventual career choice, careful planning is required. **Parents/guardians assist students in the selection process by discussing alternatives with students and by helping them analyze their individual interests, needs and goals.** Involvement of parents/guardians provides students with the support, encouragement and knowledge necessary for this important step in educational career planning. **Teachers and advisors are available to discuss the curriculum with students in an effort to provide understanding of the many options that are available.** Students are encouraged to seek their teachers' recommendations before enrolling in some courses so that they are appropriately placed and meet the prerequisites. **Counselors are available to assist students, parents/guardians and teachers in developing a sound educational program.** The counselors have skills, experience and accessibility to information needed to help students in the selection process.

Students are provided with information about all the subjects available to them. They must choose those subjects, which give them knowledge and skills that are necessary for their future educational and career plan.

The Importance of Course Selection
If students give careful thought to the future, they will realize that course selection is a means to an end, not an end in itself. They are encouraged to seek as much information as needed from parents/guardians, teachers, counselors and other students in order to make the wisest choices. Personal conferences can be arranged with teachers or counselors by calling the office.

Honors and Advanced Placement Courses
All ACHS students may enroll in Honors, Advanced Placement, or advanced courses.

Please Note: ACHS will determine a master schedule of classes based on enrollment. Courses with low enrollments may not be offered. Additionally, students with conflicting hours may have to choose between two courses.

Important Miscellaneous Information

Schedule Changes/Withdrawals
A schedule change may be requested during the first **TWO** days of the semester. All students will have the opportunity to attend one purple and one gold class day. Any student requesting a schedule change, either semester, must communicate their desire to change their schedule by noon of the third day of that semester. Teacher change requests are made through the building Principal. Students should request a schedule change only if they meet the following requirements for an approved schedule change:

- Student has been scheduled into a course previously passed.
- Student has been scheduled into a course out of sequence (Spanish 2 before Spanish I).
- Student did not pass the prerequisite for another.
- Student has an incomplete schedule.
- Senior is missing a graduation requirement.
- The change is necessary to balance class sizes.

Repeating Courses
Students usually repeat high school courses only when they have failed the course the first time. However, ACHS acknowledges there are times when it is in the student's best interest to repeat a course for which he/she has already earned credit, for improvement of grade. If a student chooses to repeat a class for improvement of grade, both grades will remain on the transcript; however, only GPA calculation will be considered for the highest grade received.

Pass/Fail Courses
Some credit options may be graded with a “P” for Pass or “F” for Fail. Pass/Fail courses are not calculated into GPA. The NCAA accepts only letter grades for credit on the transcript for their course requirements.

Fee Statement
All fees are subject to change and are approved by the Board of Education. Certain elective courses include an additional fee. Fee amounts will be finalized when official schedules are available in August. Elective fees are waived for any student who qualifies for free lunch. A signed lunch waiver **MUST** be on file in order for the fees to be waived.

Early Graduation
Early graduation will be allowed when a student has met all graduation requirements. With the exception of administrative discretion, students are required to be in attendance full-time through seven (7 semesters), at which time they may have a reduced schedule or graduate early. Students who wish to graduate midterm will need to work with the counselor to meet the senior English and Social Studies requirements. Students must further meet the required number of credits (26). Students need to communicate their desire for early graduation upon enrollment of their senior year. They will be required to fill out an “application” for early graduation, which must be approved by the building principal.

Application for graduation after 7 semesters may be obtained through the Counseling and Career Center. Students are encouraged to talk with their counselors about this option early in their high school career.

Transcripts
Students requesting transcripts for colleges or other official agencies must request these through the high school Registrar's office. Official transcripts will be transmitted electronically. An official copy can also be mailed to an institution that does not accept them electronically. All ACT scores are printed on each student's transcript.

Graduation Academic Recognition
Graduation Academic Recognition acknowledges Summa Cum Laude, Magna Cum Laude and Cum Laude when determining this honor (SEE APPENDIX E).

Reduced Schedules
Seniors may take a reduced schedule during their second semester if they are on target or ahead of meeting their credits for graduation. **Keep in mind that a student must be enrolled in at least six classes of high school credit to be eligible to participate in KSHSAA sponsored activities. Tutorial cannot count as one of the six classes, as it offers no credit.**

KSHSAA Eligibility
There are two factors that determine KSHSAA eligibility:

1. A student must be enrolled in 6 classes for the semester being considered for eligibility.
2. A student must have passed 6 classes the previous semester of the semester being considered for eligibility.

No student can enroll in any class that is regulated by KSHSAA, unless they have met KSHSAA eligibility requirements to participate.

Edgenuity Classes
No student will be allowed to start credit recovery in Edgenuity until the initial semester of the "failed" class ends. If a student has failed required courses and is needing to recover those credits, he/she will be enrolled in Learning Strategies. There will be no credit awarded for the Learning Strategies class. Credit will be awarded when a student completes a course assigned through Od Edgenuity. In this class, they will be working on the credit recovery program, Edgenuity. Because Edgenuity is an internet-based program, students are able to work on this credit recovery outside of school, as well. They only need to have access to the internet and log in to the link below: https://auth.edgenuity.com/Login/Login/Student

Fine Arts Requirement
The state of Kansas requires all graduating students in the state to have a full credit of fine arts. A list of state-approved fine arts classes can be found in APPENDIX A.

ACHS COURSE DESCRIPTIONS

Certain courses might not be offered every year. If a course is listed as a yearlong course, the student is expected to be enrolled in the course for **both** semesters. For some classes, the student must have taken prerequisite courses to qualify to take an advanced course. For other courses, students must make an application and be selected by audition or by screening.

There are certain courses that require fees. **The cost of the fees are subject to change after the printing of the Enrollment Catalog. No student can enroll in any class that is regulated by KSHSAA, unless they have met KSHSAA eligibility requirements to participate.**

ADDITIONAL COURSES

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
21st Century Leadership	✘					●	✔									★			✎	
Financial Literacy	✘				●	●								★						
JAG		✘	●	●	●	●										★			✎	●
Tutorial (no credit)				●	●	●														●
Library Aide	✘				●	●										★			✎	●
Office Aide	✘				●	●										★			✎	●
Teacher Aide	✘				●	●										★			✎	●
College Test Prep	✘			●	●	●	✔									★			✎	
Career Internship/Work Study		✘			●	●										★			✎	●
Workplace Experience	✘	✘			●	●	✔												✎	●

21st Century Leadership 22101

12 0.5

Prerequisite: 2.75 GPA and application

This is a fall semester class only. Students will be required to complete an application with the following to be considered: attendance history, overall credit and disciplinary history and teacher recommendation.

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

Financial Literacy 22990

11 12 0.5

Prerequisite: This course is required for all students

Financial literacy course provides students with an understanding of the concepts, principles and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit and managing risk.

*While this course contains business and finance concepts, it is not part of the business pathway.

JAG 22004
9 10 11 12 Repeatable 1.0

Prerequisite: Counselor/Instructor Referral (Students may not electively enroll in JAG - they will be placed in this class at the discretion of the student's counselor and the JAG instructor.

JAG-K (Jobs for America's Graduates - Kansas) is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace "survival" skills (interpersonal relations, team work, etc.). Students will work to build strengths in academic areas, time management, and communication. The individual and team project work will also help students come to an understanding of personality and temperament and the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service-learning opportunities, guest speakers, field trips, and career exploration through job shadowing and/or an internship. Students will also participate in the JAG-K Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic/Social Awareness.

Tutorial (no credit) 22005
10 11 12 Repeatable 0.0

Prerequisite: None

The purpose of this course is to provide study time. ***NO CREDIT WILL BE GIVEN FOR THIS CLASS***. Tutorial courses provide students with the assistance they need to successfully complete their coursework. Students may receive help in one or several subjects.

Library Aide 22053
11 12 Repeatable 0.5

Prerequisite: Students must get permission. *Students are allowed one aide position per semester.*

Library/Media Aide courses provide students with the opportunity to work in the library/media center. Duties typically include assisting with library circulation; collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers with materials and/or technology support; and performing clerical duties. Students typically gain experience in library science and/or media technology. *Students are allowed one aide position per semester.*

Office Aide 22051
11 12 Repeatable 0.5

Prerequisite: Approved ACHS Office Aide Application
Students seeking to become an office aide must obtain an application from the office and have it approved by an administrator and the attendance secretary. This is a position that requires strong communication skills, multi-tasking, prioritizing, time management, record-keeping, confidentiality and receiving visitors.

Office Aide courses provide students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, and duplicating, among others. These courses emphasize appropriate work attitudes, human relations, and proper office procedures. *Students are permitted one aide position per semester.*

Teacher Aide 22995
11 12 Repeatable 0.5

Prerequisite: *Students must get permission from the teacher.*

Miscellaneous—Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. This is a pass/fail course. Students cannot aide during a CTE course. *Students are permitted one aide position per semester.*

College Test Prep 22001
10 11 12 0.5

Prerequisite: NWEA Scores at grade level, teacher recommendation form, interview with instructor(s).

A comprehensive course designed to assist students in excelling in college placement exams, including the ACT exam, and achieving their desired score. Experienced instructors guide the students through every aspect of the exam, providing comprehensive strategies and techniques for tackling each section with confidence. College readiness, expectations and realities will be discussed and explored. The course is beneficial for both students looking to improve their score and those preparing for the exam for the first time.The subjects covered include English, Mathematics, Reading, and Science.

Career Internship/Work Study 22151
11 12 Repeatable 1.0

Prerequisite: Instructor Approval

This is a semester class. Students will be matched with a community mentor and work approximately 8 hours per week. This will include one block per day during the semester. With employment, the Work Study Program will release you from school the last period of your scheduled day to go to work. Weekly logs and timecards are required. Each student must complete an application for being an intern and the following will be considered: attendance history, overall credit and disciplinary history, teacher recommendation and parental approval. After the screening process, the teacher will provide written notification and assign an appropriate mentor. Parental approval for a student leaving the school each day is a requirement and students will be responsible for transportation to and from the workplace site.

Workplace Experience 22997
11 12 Repeatable 0.5-2.0

Prerequisite: Students must complete an application and employer agreement

The Workplace Experience course is a hands-on course designed to provide students with real-world exposure to a workplace appropriate for their experience and age. This course is structured to bridge the gap between academic learning and professional application by integrating knowledge with practical workplace experiences. All work experience is done outside of the school day. Students must regularly submit pay stubs to accumulate 90 hrs and employers must agree to complete an evaluation for each .5 credit. Termination of employment will result in a failing grade.

AGRICULTURE

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Agriscience		✘	●	●	●	●										★				
Animal Science		✘		●	●	●					★					★	★			
Plant and Soil Science		✘		●	●	●					★					★	★			
Ag Food Science		✘		●	●	●										★	★			
Capstone in Agriculture		✘			●	●	✔									★	★			
Ag Mechanics		✘		●	●	●	✔									★	★			
Agricultural Welding I		✘		●	●	●	✔									★	★			
Ag Leadership & Communications		✘			●	●	✔		★							★	★			
Internship		✘			●	●	✔									★	★			●
Ag Fabrication		✘			●	●	✔									★	★			●

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Diversified Agriculture Science Pathway

Introductory
- Exploratory Ag (Middle School)

Technical
- Agriscience
- Animal Science
- Ag Mechanics
- Ag Welding I
- Plant & Soil Science
- Ag Food Science

Application
- Capstone in Agriculture
- Agricultural Fabrication
- Ag Leadership & Communications
- Internship

Agriscience 18002
9 10 11 12 1.0 credit

Prerequisite: None

This is the introductory class to agriculture. All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will also be required to start their SAE program and maintain their AET record book as a part of this course. Students will have the opportunity to participate in a wide variety of Career Development Events (CDEs) and industry tours. This is a comprehensive course that covers a wide range of agricultural topics, including plant and animal science, leadership skills, public speaking, FFA opportunities, and agricultural mechanics.

Animal Science 18101
10 11 12 1.0 credit

Prerequisite: None

This course may be used for science credit. All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in Career Development Events (CDEs) that may include Dairy Cattle Evaluation, Horse Evaluation, Livestock Evaluation, and Meats Evaluation. Students will also complete industry tours. Animal Science covers information about the care and management of domestic and farm animals. This course may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more

Plant and Soil Science 18058
10 11 12 1.0 credit

Prerequisite: None

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in the Nursery and Landscape and Floriculture Career Development Events (CDEs) and industry tours. Students in this course will spend considerable time managing and maintaining the Ag department greenhouse and be responsible for spring and fall plant sales. In the fall, students will produce a poinsettia crop. In the spring, students will produce bedding plans, hanging baskets, and succulents. This course exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior landscaping, irrigation systems, weed and pest control, soil conservation, and floral design.

Ag Food Science 18305
10 11 12 1.0 credit

Prerequisite: None

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in the Milk Quality and Food Science Career Development Events (CDEs) and industry tours. Students complete hands-on activities and projects to investigate food science concepts and situations including food safety, food chemistry, food processing, food product development, and marketing. These courses focus on food products while covering a variety of topics, such as quality selection and preservation, equipment care and sanitation, government regulations, marketing, consumer trends, and product research and development.

Ag Mechanics 18401
10 11 12 1.0 credit

Prerequisite: Agriscience or (Intro to Agriculture) proficient grade of C or better.

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in content related Career Development Events (CDEs) and industry tours. Agriculture Mechanics courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the industry. While learning to apply their knowledge of the basic principles of technological design and production skills (engine mechanics, power systems, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of tools and machines; the construction and repair of structures integral to agricultural operations; a study of electricity and power principles; and the study of alternative fuels, technology and engineering, and safety procedures.

Agricultural Welding I 18404
10 11 12 1.0 credit

Prerequisite: Agriscience (or Intro to Agriculture) proficient grade of C or better

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in content related Career Development Events (CDEs) and industry tours. Agriculture Welding courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills, students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; an introduction or review of electricity and power; and safety procedures.

Agricultural Fabrication 18409
11 12 Repeatable 1.0 credit

Prerequisite: Agriculture Welding 1 with minimum proficient grade of C or better.

Students will pay for all materials needed to produce projects. This course is a welding technology and fabrication class. All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in content related Career Development Events (CDEs) and industry tours. Advanced curriculum and practical applications using metal fabrication equipment and tools will be used. Student based welding projects will be constructed using various welding processes. Course provides students with the skills & knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems and storage facilities. In this courses, students typically study design, planning and construction knowledge skills, in addition to the safe operation of tools and machines

Ag Leadership & Communications 18203
11 12 1.0 credit (Offered odd fiscal years only.)

Prerequisite: Two (2) full credits in Diversified Agriculture Science Pathway.

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in the Ag Sales, Ag Communications and a variety of other Career Development Events (CDEs). This leadership course helps students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Students will also learn about agricultural communications and job interviewing. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, writing press releases, photography, social media use, and ensuring successful completion of group activities.

Capstone in Agriculture
11 12 1.0 credit (Offered odd fiscal years only.)

Prerequisite: Two (2) full credits in Diversified Agriculture Science Pathway.

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in content-related Career Development Events (CDEs) and industry tours. This course features a deep dive into the Business, Communications and Leadership, Animal Science, Agronomy, Plant Science, and Biotechnology sectors of Agriculture. The broad-based Agricultural competencies addressed in this course will help prepare students for a wide variety of options in future careers within Agriculture and related occupations.

Internship 18048
11 12 Repeatable 1.0 credit

Prerequisite: One credit of Technical Level Agriculture Education courses with minimum proficient grade of C or better.

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. This course is designed for students who would like to gain experience in the workforce while enrolled in an Ag Class that will emphasize the skills that employers are looking for in reliable employees which will include a higher level of Career Development Skills emphasizing: Listening skills, Oral Communication, Written Communication, Ag Math, Human Relationship, Decision Making/Problem Solving, Teamwork, Time Management, Work Ethics and Career Planning. Students will be required to have a supervised agricultural experience program and maintain their Ag record book of hours worked, income/expense and skills utilized. Students will be allowed to work concurrently as they progress through this course.

ART

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Introduction to Art	✘		●	●	●	●							★							
Drawing I	✘		●	●	●	●	✔						★							
Drawing II	✘			●	●	●	✔						★							
Painting I	✘		●	●	●	●	✔						★							
Painting II	✘			●	●	●	✔						★							
Ceramics I	✘		●	●	●	●	✔						★							
Ceramics II	✘			●	●	●	✔						★							
Advanced 2-Dimensional Art	✘			●	●	●	✔						★						✎	●
Advanced 3-Dimensional Art	✘			●	●	●	✔						★						✎	●

Notes: There may be additional fees for particular classes.

Introduction to Art 05154
9 10 11 12 Fee: $20 0.5 credit

Prerequisite: None

Intro to Art: the focus of this course is for students to develop a variety of drawing techniques and art-making concepts at an introductory level - prepping students for the art classes that we offer at ACHS. This course is a pre-requisite for Drawing 1, Painting 1, Ceramics 1, and beyond. By the end of this course, students will be able to understand and utilize the elements of art and numerous art-making techniques, showcased in their vocabulary and finished projects.

Drawing I 05156
9 10 11 12 Fee: $20 0.5 credit

Prerequisite: Introduction to Art

Focus is on black and white pencil drawing.
This class focuses on developing drawing techniques and creating original works of art based on student-taken/manipulated reference photos in a realistic style with graphite pencils. Students will develop self-reflection skills and work on their time management. To succeed in this course, students need to be on task, work independently, and ask for help when needed. Not knowing what to do is not an acceptable excuse for not completing work or for being off task.

Drawing II 05156
10 11 12 Fee: $20 0.5 credit

Prerequisite: Drawing I

Students will build on the skills and techniques learned in Drawing I.
This class focuses on furthering drawing techniques and creating original works of art based on student-taken/manipulated reference photos in a realistic to semi-realistic style. Students will continue to develop self-reflection skills and work on their time management. At the advanced level, students can work with any 2D medium that they choose, however, work needs to align with classroom standards and expectations in terms of technical skill, creative/interesting compositions, and must be fully original. It is also expected that advanced students will assist in the classroom, helping peers & underclassmen when needed. To succeed in this course, students need to be on task, work independently, and ask for help when needed. Not knowing what to do is not an acceptable excuse for not completing work or for being off task.

Painting I 05157
9 10 11 12 Fee: $20 0.5 credit

Prerequisite: Introduction to Art

Focus is on tempera and acrylic painting.
This class is designed to teach you the basics of Acrylic Painting. By the end of this course, you should understand and apply color and pigment concepts on a basic level and be able to use them when constructing a painting. This course is focused on developing skills. As such, you may attempt to rework any assignments for the duration of the grading period.

Painting II 05157
10 11 12 Fee: $20 0.5 credit

Prerequisite: Painting I

Students will build on the skills and techniques learned in Painting I.
This class is designed to give students a variety of painting challenges such as textures and themes such as landscape painting, figure painting, and still life painting. This course continues to focus on developing skills but adds the challenges of developing concepts of composition and subject matter. Students may attempt to rework any assignments for the duration of the grading period but are expected to finish a number of works throughout the semester depending on their size and difficulty.

Ceramics I 05159
9 10 11 12 Fee: $20 0.5 credit

Prerequisite: Introduction to Art

Focus on hand-building techniques.
This class is designed to teach the basics of hand-building with clay. By the end of this course, you should be able to use a variety of hand-building techniques. This course is focused on developing skills. As such, you may attempt to remaster any assignments for the duration of the grading period.

Ceramics II 05159
10 11 12 Fee: $20 0.5 credit

Prerequisite: Ceramics I

Students will build on the skills and techniques learned in Ceramics I. Focus on wheel-throwing techniques.
This class is designed to teach the basics of using the potter's wheel and more advanced hand-building techniques. By the end of this course, you should be able to use a variety of techniques to make functional as well as nonfunctional Ceramic Artwork. This course is focused on developing skills. As such, you may attempt to remaster any assignments for the duration of the grading period.

Advanced 2-Dimensional Art 05160

10 11 12 Fee: $20 Repeatable 0.5 credit

Prerequisite: Painting II or Drawing II (teacher permission required)

Students will work to develop mastery level skills in 2-dimensional art. The course and classroom policies remain from Drawing II and/or Painting II, and students will be expected to continue to build upon skills learned in Drawing II and/or Painting II. Because students are building upon skills developed in earlier classes, the expectation is that student work will increase in quality and quantity over time.

Advanced 3-Dimensional Art 05199

10 11 12 Fee: $20 Repeatable 0.5 credit

Prerequisite: Ceramics II (teacher permission required)

Students will work to develop mastery level skills in 3-dimensional art. The course and classroom policies remain from Ceramics II and students will be expected to continue to build upon skills learned in Ceramics II. Because students are building upon skills developed in earlier classes, the expectation is that student work will increase in quality and quantity over time.

BUSINESS

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Business Management	✘		●	●	●	●										★	★			
Business Communications	✘				●	●			★							★	★			
Entrepreneurship	✘			●	●	●										★	★			
Business Economics	✘				●	●						★				★	★			
Accounting		✘		●	●	●										★	★			
Advanced Accounting		✘			●	●										★	★			
Applied Business Development		✘			●	●	✔									★	★			●
Business Management & Entrepreneurship Workplace Experience		✘			●	●										★	★			●
Advanced Business Management & Entrepreneurship Workplace Experience		✘				●	✔									★	★			●
Finance – Workplace Experience		✘			●	●	✔									★	★			●
Financial Literacy	✘				●	●										★	★			
Advanced Finance – Workplace Experience		✘				●	✔									★	★			●
2D Animation		✘		●	●	●										★	★			

Career Pathway Course Offerings

Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Management & Entrepreneurship Pathway

Business Finance Pathway

Business Management 12052
9 10 11 12 0.5 credit

Prerequisite: None
Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions with a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

Business Communications 12009
11 12 0.5 credit

Prerequisite: None
Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications. This course may be used as a public speaking credit.

Entrepreneurship 12053
10 11 12 0.5 credit

Prerequisite: None
Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

Business Economics 12105
11 12 0.5 credit

Prerequisite: None
The Business Economics courses integrate knowledge, skill, and application of economic principles in academic and systems foundations, technical skills, ethics and legal responsibilities, problem solving and critical thinking, and employability and career development.

Accounting 12104
10 11 12 1.0 credit

Prerequisite: None
Accounting courses introduce the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students will learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

Advanced Accounting 33108
11 12 1.0 credit

Prerequisite: Accounting with Proficient grade (C or better)
Advanced Accounting courses expand upon the foundational accounting principles and procedures used in business. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, and other automated tools are usually used. Topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process and further enhancement of accounting skills.

Applied Business Development 32200
11 12 Repeatable 1.0 credit

Prerequisite: At least one (1) full credit of Technical Level courses within the pathway.
Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business. Students will be involved in a variety of other projects in which they will have to use initiative, prioritize, organize, use quality control and teamwork.

Finance – Workplace Experience 12148
11 12 1.0 credit

Prerequisite: Advanced Accounting with Advanced grade (B or better)
Finance—Workplace Experience courses provide students with work experience in fields related to finance. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Financial Literacy 22990
11 12 .5 credit

Prerequisite: This course is required for all students
Financial literacy course provides students with an understanding of the concepts, principles and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit and managing risk.
*While this course contains business and finance concepts, it is not part of the business pathway.

Advanced Finance – Workplace Experience 33200
12 1.0 credit

Prerequisite: 1 full credit of technical level courses within the Finance Pathway.

Advanced Finance Workplace Experience is a course which expands on the knowledge and skills a student has learned throughout the entire pathway of courses and provides a second level of application in the industry.

Business Management & Entrepreneurship Workplace Experience 12098
11 12 1.0 credit

Prerequisite: 1.0 credit of technical level courses within the Business Management & Entrepreneurship Pathway (B or better)

Workplace Experience courses provide students with work experience in fields related to business management. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Advanced Business Management & Entrepreneurship Workplace Experience 32998
12 Repeatable 1.0 credit

Prerequisite: Business Management & Entrepreneurship Workplace Experience (B or better)

Business Management Workplace Experience courses provide students with work experience in fields related to business management. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

2D Animation 10202
9 10 11 12 1.0

Prerequisite: None

The 2D Animation course provide students with the opportunity to explore and produce visual imagery and graphics to communicate information and ideas to multiple audiences. This course uses a variety of media and formats for various fields, such as advertising, TV/Video, and the web.

CONSTRUCTION & DESIGN

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Introduction to Skilled Trades	✘		●	●	●	●										★				
Mechanical Electrical Plumbing	✘		●	●	●	●	✔									★	★			
General Carpentry I		✘		●	●	●	✔						★			★	★			
General Carpentry II		✘			●	●	✔						★			★	★			
Woodworking Principles		✘		●	●	●	✔						★			★	★			
Workplace Experience in A&C Comprehensive	✘				●	●	✔									★	★			●

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Construction & Design Pathway

Introductory
- Introduction to Skilled Trades

Technical
- Mechanical/Electrical/Plumbing (MEP 1)
- Woodworking Principles
- General Carpentry I

Application
- General Carpentry II
- Workplace Experience in A&C/Comprehensive

Introduction to Skilled Trades 38001
9 10 11 12 Fee: $20 0.5 credit

Prerequisite: None

Construction Career Exploration courses expose students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

Mechanical/Electrical/Plumbing (MEP 1) 17062
9 10 11 12 Fee: $20 0.5

Prerequisite: Introduction to Skilled Trades with Proficient grade (C or better)

Students will build a small project. Project is limited due to this course being only a semester. Students will also learn some home maintenance tips of how to fix things like drywall, small plumbing repairs and wiring outlets and plug-ins. An introductory level class designed to instruct students in the basic skills necessary for occupations in mechanical, electrical and plumbing crafts.

General Carpentry I 17002
10 11 12 Fee: $20 per semester 1.0 credit

Prerequisite: Introduction to Skilled Trades with Proficient grade (C or better)

Students will build on their skills and techniques by completing assigned projects.
Construction—Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.

General Carpentry II 38002
11 12 Fee: $20 per semester 1.0 credit

Prerequisite: General Carpentry I with Proficient grade (C or better)

Students will build on the skills and techniques learned in Carpentry and complete assigned projects. An advanced comprehensive course designed to instruct students in skills pertaining to rough construction and finish work.

Woodworking Principles 17007
10 11 12 Fee: $20 per semester 1.0 credit

Prerequisite: Introduction to Skilled Trades with Proficient grade (C or better)

Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in Woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes.

Workplace Experience in A&C/Comprehensive 38110
11 12 Fee: $20 per semester 1.0 credit

Prerequisite: 1 full credit technical level courses within the Construction & Design Pathway with Advanced grade (B or better)

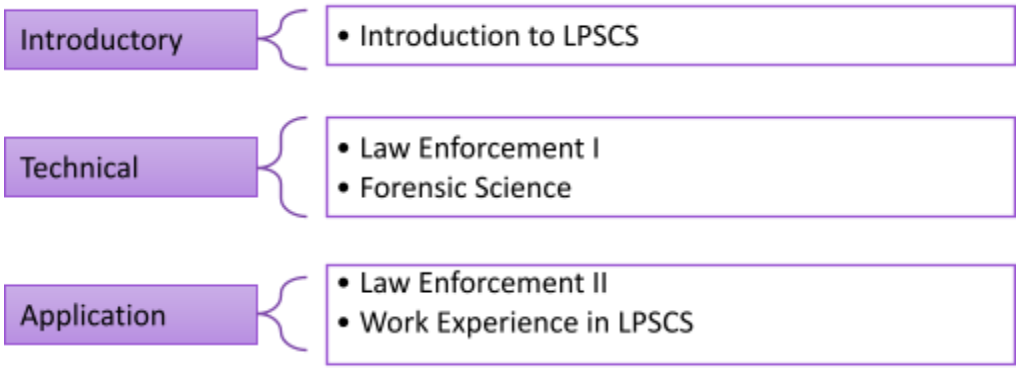
An advanced application level course that offers students an opportunity to apply knowledge and skills in an actual workplace setting, outside of the school setting, that explores all aspects of the selected industry, builds relationships with industry professionals, and creates a seamless transition from secondary to postsecondary pursuits and job satisfaction. Students should have completed other pathway courses at the technical and application level prior to this course.

CORRECTIONS, SECURITY, LAW & LAW ENFORCEMENT

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Introduction to LPSCS (Middle School)	✘															★				
Law Enforcement I		✘	●	●	●	●	✔									★	★			
Law Enforcement II		✘		●	●	●	✔									★	★			
Work Experience in LPSCS		✘				●	✔									★	★			●
Forensic Science		✘			●	●	✔				★					★	★			

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Corrections, Security, Law & Law Enforcement Pathway



Introduction to LPSCS 44001
0.5
*This course is offered at Arkansas Middle School only.
Intro to Law is designed to introduce students to careers in the Law, Public Service and Security (LPSCS) career field. Students will have the opportunity to examine career options and speak with professionals currently in the field. The class will also examine a variety of topics related to the LPSCS career pathway.

Law Enforcement I 44200
9 10 11 12 1.0

Prerequisite: None

Students in Law I will examine further careers in the LPSCS pathway. Students will learn a variety of skills that relate directly to law enforcement and law careers, which can include handcuffing, traffic stops, legal terms, etc. Students will also examine the American legal system and laws.

Law Enforcement II 44201
10 11 12 1.0

Prerequisite: Law Enforcement I with Proficient grade (C or better)

Law 2 is the second of the law pathway courses. Students will continue to build on knowledge of law, constitutional law and its role in policing and police procedures. Students will also learn the basics of police reports and investigations.

Work Experience in LPSCS 44298
11 12 Repeatable 1.0

Prerequisite: Law Enforcement II with Advanced grade (B or better).

Students enrolled in the class will be assigned to an
internship at a local LPSCS institution. This can be with ACPD, local lawyers, and/or institutions. Instructors will do their best to place students in the career field they are interested in.

Forensic Science I 44225
11 12 1.0

Prerequisite: Biology or Honors Biology

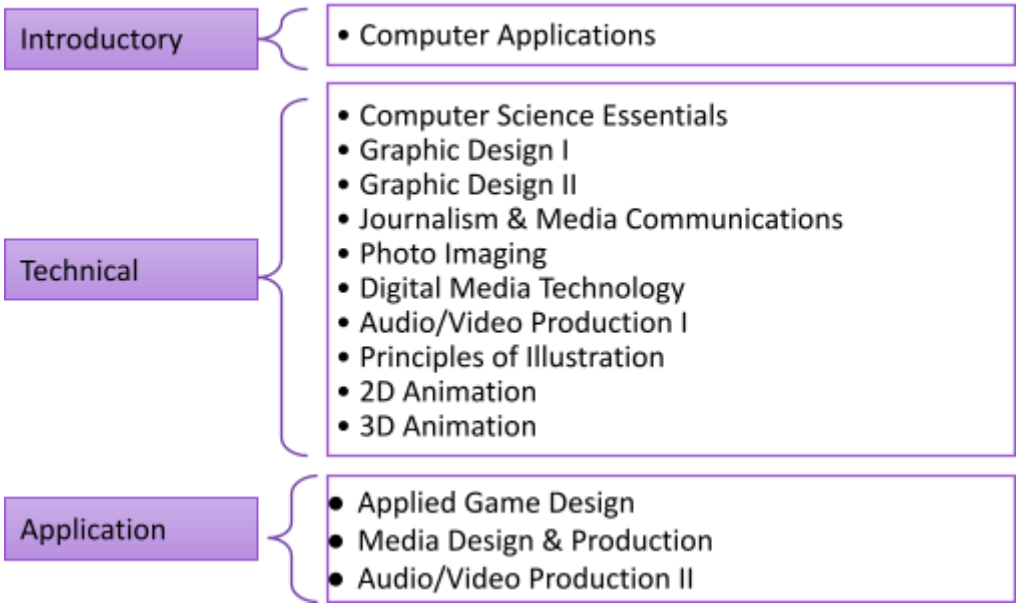
Priority enrollment will be given to the LPSCS students enrolled in the Law Pathway.
The course stresses crime scene investigation and the collection and evaluation of evidence.
This is an application level course that follows a background in Biology and Chemistry and provides students with knowledge and skills needed to pursue postsecondary training In LPSCS careers requiring forensic science (i.e., Forensic Anthropology, Forensic Medicine, Medical Examiner).

MEDIA DESIGN & COMMUNICATIONS

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Applied Game Design		✘		●	●	●	✔									★	★			
Audio Visual Production I	✘			●	●	●	✔						★			★	★			
Audio Visual Production II		✘			●	●	✔						★			★	★			
Computer Applications	✘		●	●	●	●										★				
Computer Science Essentials		✘	●	●	●	●										★	★			
Digital Media Technology	✘		●	●	●	●							★			★	★			
Graphic Design I	✘		●	●	●	●							★			★	★			
Graphic Design II		✘		●	●	●	✔						★			★	★			
Journalism & Media Communications	✘		●	●	●	●							★			★	★			
Photo Imaging	✘		●	●	●	●							★			★	★			
Principles of Illustration	✘		●	●	●	●							★			★	★			
2D Animation		✘	●	●	●	●							★			★	★			
3D Animation		✘	●	●	●	●							★			★	★			

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Media Design & Communications Pathway



Computer Applications 60004
9 10 11 12 0.5

In the Computer Applications course, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.

Computer Science Essentials 10152
9 10 11 12 1.0

Prerequisite: None

Students will develop an understanding of computer science concepts and use computational thinking skills to solve problems through a variety of programming languages and platforms. Students also develop skills in collaboration and teamwork through the use of work models such as pair programming.

Journalism & Media Communications 30100
9 10 11 12 0.5

Prerequisite: None

This course introduces students to the ethics and laws of journalists and journalism. It will introduce students to the art of interviewing and writing for publication, covering basic skills of the news story, features, sport story, and editorials. Students will practice editing and writing headlines, as well as becoming familiar with the software programs used in layout and design, as well as presentations.

Photo Imaging 30105
10 11 12 0.5

Prerequisite: None

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of

equipment, software, and technical and creative aspects of capturing, editing, and presenting images including the use of artificial intelligence. The course integrates hands-on activities, critical thinking, problem-solving skills to develop students into proficient and imaginative photographers.
This course is a recommended prerequisite for working on the staff of the Yearbook (Mirror).

Digital Media Technology 30104
9 10 11 12 0.5

Prerequisite: None

Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital media and video today and in the future, a study of the relationship of workflow to project planning and completion and the software, equipment and tools used in the industry.

Audio/Video Production I 30103
9 10 11 12 0.5

Prerequisite: Digital Media Technology

Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production, and post-production process, as well as explore the equipment and techniques used to develop a quality video production.

Graphic Design I 30102
9 10 11 12 0.5

Prerequisite: None

Graphic Design 1 provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software, and equipment, and learning composition techniques to develop a quality product.

Graphic Design II 05162 (Not offered 25-26)
10 11 12 1.0

Prerequisite: Graphic Design I

Graphic Design 2 emphasizes applying artistic techniques, tools, and principles of design to effectively communicate ideas and information through digital and printed media. Topics covered may include concept design, layout, visual communication, and image generation, all using a variety of traditional and digital mediums, techniques, tools, and software's.

Applied Game Design 10165
10 11 12 1.0

Prerequisite: Computer Science Essentials

Audio/Video Production II (Bulldog Live) 30150
11 12 1.0

Prerequisite: Audio/Video Production I

Audio Video Production II applies the technical skills learned in Audio Video Production I by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways but must address an authentic need. The complexity of the presentation is not the focus of the course, but the experience of the entire process in, to include planning the presentation, setting up the studio (if applies),

acting as videographer and editor to make it fluid and seamless.

Principles of Illustration 30101
9 10 11 12 0.5

Prerequisite: None

Principles of Illustration explore a variety of media, tools and supports as a means to communicate ideas. Topics include an understanding of illustration as applicable to careers in graphic design, animation, apparel/textile design, industrial design, web design, architecture, interior design, and fine arts. Techniques in traditional and digital illustration applications will be explored as directly linked to ever- changing social trends.

2D Animation 10202
9 10 11 12 1.0

Prerequisite: None

The 2D Animation course provide students with the opportunity to explore and produce visual imagery and graphics to communicate information and ideas to multiple audiences. This course uses a variety of media and formats for various fields, such as advertising, TV/Video, and the web.

3D Animation 10202
9 10 11 12 1.0

Prerequisite: None

The 3D Animation course explores the creative and conceptual aspects or designing and producing animated images for storytelling and multimedia presentations including dramatic narratives; artistic and experimental presentations and installations; and ambient, interactive, immersive and performance media. Topics may include motion graphics; compositing and visual effects; 2D and 3D animation; timing and spacing; aspect ratio; video editing; animation physics and expressions; pre- and post-production methods, tools, and processes; animation presentation, transmission, distribution, and marketing; and contextual, cultural, and historical aspects and considerations.

AUTOMATION ENGINEERING

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Introduction to Skilled Trades		✘	●	●	●	●										★				
Engineering Design		✘	●	●	●	●										★	★			
Computer Science Essentials		✘	●	●	●	●										★	★			
Fundamentals of Electrical Theory		✘	●	●	●	●										★	★			
Robotics I		✘			●	●	✔									★	★			
Workplace Experience in Engineering		✘			●	●	✔									★	★			●

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Automation Engineering Pathway

Introductory
- Explore Computer Science, Computer Science 7 & 8
- Introduction to Skilled Trades

Technical
- Engineering Design
- Computer Science Essentials
- Fundamentals of Electrical Theory
- Robotics I

Application
- Workplace Experience in Engineering

Engineering Design 21006
9 10 11 12 1.0

Prerequisite: None

Eligible ACHS students may have the opportunity to receive college credit from Wichita State University for Graphic Design (IME222), upon successful completion of this course.
The students will start the year with several different hands-on design challenges designed to expand their problem-solving abilities. Throughout the rest of the year, the students will examine different fields of engineering, as well as design and build objects in the computer using a 3D modeling software.

Introduction to Skilled Trades 38001
9 10 11 12 0.5 credit

Prerequisite: None

Construction Career Exploration courses expose students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

Computer Science Essentials 10152
9 10 11 12 1.0
Prerequisite: None
Students will develop an understanding of computer science concepts and use computational thinking skills to solve problems through a variety of programming languages and platforms. Students also develop skills in collaboration and teamwork through the use of work models such as pair programming.

Fundamentals of Electrical Theory 17101
9 10 11 12 1.0
Prerequisite: None
This course is designed to provide participants with fundamental knowledge and skills in industrial electrical systems. The emphasis is on understanding the principles of electricity, safety protocols, and basic troubleshooting techniques commonly used in industrial settings.

Robotics I 21009
11 12 1.0
Prerequisite: Two (2) full credits of any of the following courses: Computer Science Essentials or Fundamentals of Electrical Theory or Engineering Design
A technical level course to develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.

Workplace Experience in Engineering 41048
11 12 1.0 Repeatable

Prerequisite: One (1) full credits within the Automation Engineering Pathway

Engineering -- Workplace Experience courses provide students with work experience in an engineering-related field. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace (0.5 credit per block/per semester).

ENGLISH/COMMUNICATIONS

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
English I		✘	●					★												
Honors English I		✘	●					★										✘		
English II		✘		●				★												
Honors English II		✘		●				★										✘		
English III		✘			●			★												
AP English Language & Composition		✘			●			★										✘		
English IV		✘				●		★												
AP English Literature & Composition		✘				●		★										✘		
Creative Writing	✘		●	●	●	●							★							
Debate	✘		●	●	●	●			★				★							●
Drama	✘		●	●	●	●							★							
Film Studies	✘		●	●	●	●							★							
Forensics	✘		●	●	●	●			★				★							●
Mirror/Yearbook Design		✘	●	●	●	●							★							●
Ag Leadership & Communications		✘			●	●	✔		★					★		★	★			●
Business Communications	✘				●	●			★					★		★				
Public Speaking or Workplace Communications	✘					●			★				★							
Workplace Communications	✘					●			★				★							

English I 01001
9 1.0 credit

Prerequisite: This course (or Honors English I) is required for all freshmen.

English/Language Arts I (9th grade) builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and includes the four aspects of language use (reading, writing, speaking, and listening). This course introduces and defines various genres of literature, with writing exercises often linked to reading selections, as well as applicable project-based learning experiences with "real-world" applications.

Honors English I 01005
9 1.0 credit

Prerequisite: Recommendation from previous English teacher. This course (or English I) is required for all freshmen. *Required summer reading will also be part of the course curriculum.*

Honors English I is a course designed for highly motivated students, in preparation for college-level studies and Advanced Placement courses. It is an in-depth study of grammar, composition, and literature with the purpose of increasing critical and analytical thinking skills. The course will move at a much faster pace than the regular English I curriculum with more of the reading and writing completed outside of class. Required summer reading will also be part of the course curriculum.

English II 01002
10 1.0 credit

Prerequisite: This course (or Honors English II) is required for all sophomores.

English/Language Arts II (10th grade) offers a balanced focus on composition and literature. Students write persuasive, argumentative, critical, and multi-paragraph essays and compositions. Through the study of various genres of world literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

Honors English II 01005
10 1.0 credit

Prerequisite: This course (or English II) is required for all sophomores.
Students are required to read one book during the summer that they will have checked out to them at the end of their freshman year.

To prepare students for AP English Language and Composition, Honors English II courses expose students to prose and poetry written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the fundamentals of literary and rhetorical analysis as well as providing the opportunity to begin developing stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes.

English III 01003
11 1.0 credit

Prerequisite: This course (or AP English Language) is required for all juniors.

English/Language Arts III (11th grade) continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage as students write essays and continue to improve the techniques of writing research papers. Students read and study American literature, which often forms the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

AP English Language & Composition 01005
11 1.0 credit

Prerequisite: This course (or English III) is required for all juniors.

Students will be required to take the 3-hour AP English exam in May. If students score a 3 or above on the AP exam, they may receive college credit. *Students are also required to read at least one book during the summer, which they must purchase.* Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of author's purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes.

English IV
12 1.0 credit

This course combines composition with British and world literature. Students will analyze selected literature, continuing to develop their writing, reading, speaking and listening skills according to Grade 12 Kansas English Language Arts Standards. Classwork will include reflective responses, discussions and debates, multi-paragraph essays, and project-based research. This course (or AP English Literature or Comp I and/or Comp II) is required for all seniors.

AP English Literature & Composition 01006
12 1.0 credit

Prerequisite: This course (or English IV or Comp I and/or Comp II) is required for all seniors.

Students are required to read one book during the summer, which they must check out from the AP Literature and Composition teacher before the end of their junior year. Students will be required to take the 3-hour AP exam in May. If students score a 3 or above on the AP exam, they may receive college credit. Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, symbolism, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing).

Creative Writing 01104
9 10 11 12 0.5 credit

Prerequisite: None

Creative Writing offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

Debate 01153
9 10 11 12 Repeatable 1.0 credit

Prerequisite: (1st semester ONLY) Students must be academically eligible to participate.
Students will study the national cross-examination debate topic with the purpose of competing at tournaments. Students will be required to participate after school and on weekends (a minimum of 1 per month during the fall semester). Students must also be eligible for class based on KSHSAA rules. May be repeated for credit.

Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Often linked to an extracurricular program, these courses introduce students to the methods, aims, and styles used in various kinds of debates (Policy, Public-Forum or Lincoln-Douglas).

Drama 05051
9 10 11 12 0.5 credit

Prerequisite: None

Drama courses provide an overview of the art, conventions, and history of the theater. Although the courses sometimes include experiential exercises, they emphasize learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art.

Film Studies 11056
9 10 11 12 0.5 credit

Prerequisite: None

ACHS students will study films from various time periods to become better critical viewers of media. Students will learn how film technology is used to create the picture. Students will study film terminology and film genres. Along with viewing films, students will be required to write a variety of critical papers covering different aspects of the films studied. These courses examine specific topics in audio and video technology and film other than those already described.

Forensics 01154
9 10 11 12 Repeatable 0.5 credit

Prerequisite: (2nd semester ONLY) Students must be academically eligible to participate.
Part of the purpose of this class is to prepare students to represent ACHS at forensics tournaments. These are required tournaments and are held after school hours (evenings/weekends). Grades will be based on class speaking assignments, class contribution, and tournament participation. Students must also be eligible for class based on KSHSAA rules. May be repeated for credit.

Forensic Speech—Individual event courses offer students the opportunity to learn how to use oral skills in formal and informal situations. Topics included depend upon the event(s) being taught, but they usually emphasize effective presentation of one's voice and body, thoughtful understanding and interpretation of literature, logic and reasoning, and the organization of thought and supporting materials. Often linked to an extracurricular program, these courses introduce students to one or several individual event categories (e.g., exposition, oral interpretation, dramatic interpretation).

Mirror/Yearbook Design & Production 11104
9 10 11 12 Repeatable 1.0 credit

Prerequisite: Photojournalism or Photo Imaging with Proficient grade (C or better)

"Yearbook Staff members will be responsible for learning all techniques and programs necessary to build the yearbook. This requires mature, responsible students who are receptive to direction and can work with the community. Students who enroll in this course must also be able to work under deadline pressure. This class will require students to come in outside of normal school hours. Students are encouraged to be enrolled for the entire year, especially those who hold editor positions. Freshmen are permitted to enroll second semester if they complete the required prerequisite first semester. Students that fail first semester will not be able to re-enroll in the course until the fall of the following school year.

Public Speaking 01151
11 12 .5 credit

Prerequisite: None

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

Workplace Communications 01156
11 12 .5 credit

Prerequisite: None

This is a speech course which focuses on key workplace communication practices such as: Small group discussion methods, interpersonal skills, soft skills, conflict resolution & management, product description, sales pitches, interviewing techniques and workforce application practices. This course is recommended for students who are not planning to attend college, but plan to go straight to the workforce upon graduation.

FAMILY & CONSUMER SCIENCE

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Career & Life Planning	✘		●	●	●	●														
Culinary Essentials	✘		●	●	●	●											★			
Culinary Arts I		✘		●	●	●	✔										★			
Baking & Pastry I	✘		●	●	●	●	✔										★			
Human Growth & Development- The Early Years	✘		●	●	●	●											★			
Lifespan Development	✘		●	●	●	●											★			
Family Studies	✘			●	●	●											★			
Nutrition & Wellness	✘		●	●	●	●											★			
Culinary Workplace Experience		✘			●	●	✔									★	★	●		
Community Connections		✘			●	●	✔									★	★	●		

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Family, Community and Consumer Services

Introductory
- Career & Life Planning

Technical
- Human Growth & Development- The Early Years
- Lifespan Development
- Family Studies
- Nutrition and Wellness
- Culinary Essentials

Application
- Community Connections

Restaurant & Event Management Pathway

Introductory
- Career & Life Planning
- Business Essentials

Technical
- Entrepreneurship
- Nutrition & Wellness
- Culinary Essentials
- Baking & Pastry I
- Culinary Arts I

Application
- Culinary Workplace Experience

Career & Life Planning 19258
9 10 11 12 0.5

Prerequisite: None

Each student will examine personal strengths and weaknesses.
Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices. Required for all incoming freshmen and transfer students.

Culinary Essentials 16052
9 10 11 12 Fee: $20 0.5

Prerequisite: None

All students must provide hair ties or hair net and must wear closed-toed shoes on lab days to be able to cook. (Students will be able to keep these items at school.) A signed form from the parent is required before students can participate. Nutrition and Food Preparation courses provide students with knowledge and skills about food preparation and/or production, with a strong emphasis on nutrition, balanced diets, and satisfying special dietary needs. Topics typically include assessing nutrient content, the science of food and nutrition, physiology and utilization of nutrients. Course content may also cover additives, contaminants, food- borne illnesses, and food technology.

Culinary Arts I 16053
10 11 12 Fee: $20 per semester 1.0

Prerequisite: Culinary Essentials with Proficient grade (C or better)

All students must provide hair ties or hair net and must wear closed-toed shoes on lab days to be able to cook. (Students will be able to keep these items at school.) A signed form from the parent is required before students can participate. Nutrition and Food Preparation courses provide students with knowledge and skills about food preparation and/or production, with a strong emphasis on nutrition, balanced diets, and satisfying special dietary needs. Topics typically include assessing nutrient content, the science of food and nutrition, physiology and utilization of nutrients. Course content may also cover additives, contaminants, food- borne illnesses, and food technology.

Baking & Pastry I 16056
9 10 11 12 Fee: $20 0.5

Prerequisite: Culinary Essentials minimum Proficient grade (C or better)

This course looks at the baking and pastry industry, and the equipment and procedures required. Topics include baking science, ingredient function and methods used for a quality product based upon industry standards.

Human Growth & Development- The Early Years 45004
9 10 11 12 0.5

Prerequisite: None

Human Growth and Development provides students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to age 6, with a special emphasis on birth through school age. Students will have opportunities to cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

Lifespan Development 45014
9 10 11 12 0.5

Prerequisite: None

Life Span Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. In addition, this course helps students discover how individuals respond to the various stages of life span with a strong tie to teen years, adulthood and later years.

Family Studies 19255
10 11 12 0.5

Prerequisite: None

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children and responsibilities – use of Real Baby Simulators.

Nutrition & Wellness 19253
9 10 11 12 0.5

Prerequisite: None

This class is designed for the student to be able to describe how foods and nutrition affects the physical and psychological well-being of a person. The course will incorporate the value of nutrition, analysis of food, and evaluation of fitness programs.
Health and Life Management courses focus as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, and first aid). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.

Community Connections 19297
11 12 Repeatable 1.0

Prerequisite: 1 full credits of technical level courses within the Family, Community and Consumer Services Pathway.

Any student who wishes to participate in the off-site Community Connections class will attend his/her assigned site each day. This class takes two blocks for a full credit each semester – may be repeated.
Provide Restaurant and Event Management Pathway students work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences related to the Restaurant and Event Management Pathway.

Culinary Workplace Experience 16098
11 12 Repeatable 1.0

Prerequisite:1 full credits of technical level courses within the Restaurant and Event Pathway.

This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based, community-based experience or work-based internship and will cover an introduction of all aspects of an industry. Students enrolled in this course are expected to have mastered skills in the culinary field so that they are able to apply them in authentic experiences following industry standards and regulations.

HEALTH SCIENCE

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Introduction to Health Care	✘		●	●	●	●										★				
Nutrition and Wellness	✘		●	●	●	●										★	★			
Medical Terminology	✘		●	●	●	●	✔									★	★			
Health Care Essentials I	✘			●	●	●	✔									★	★			
Health Care Essentials II		✘		●	●	●	✔									★	★			
Human Anatomy & Physiology		✘			●	●	✔				★					★	★			
Health Care Work Experience		✘			●	●	✔									★	★			●

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Introduction to Health Care 14000
9 10 11 12 0.5

Prerequisite: None

Provides students with the basic knowledge of health/wellness professionals in private business and industry, community organizations, and health care settings, as well as job opportunities, wage, and duties. This class includes instruction in personal health, community health and welfare, nutrition, epidemiology, disease prevention, fitness and exercise, and health

behaviors that are associated with various health careers.

Medical Terminology
9 10 11 12 0.5 credit

Prerequisite: Intro To Healthcare with Proficient grade (C or better)

In Medical Terminology, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

Healthcare Essentials I 14254
9 10 11 12 0.5 credit

Prerequisite: Intro To Healthcare with Proficient grade (C or better)

An in-depth look at specific topics, areas of research, occupations/careers, and techniques/skills in the health science area. Students may further explore the topics by collaborating, observing, and participating in approved activities with local and regional health care professions for Professional Learning Experiences.

Healthcare Essentials II 36254
10 11 12 1.0 credit

Prerequisite: Healthcare Essentials I

An in-depth look at a specific topic, area of research, occupation/career, technique, or skill in the health science area, which has been selected by the teacher of record for study. Students may further explore the special topic by collaborating, observing, and participating in approved activities with local and regional health care professionals to offer Professional Learning Experiences (PLE).

Human Anatomy & Physiology 03053
11 12 1.0

Prerequisite: Biology or Honors Biology; Chemistry I is strongly recommended prior to/concurrent with this class.

This course utilizes the dissection of the brain, eye, heart, bone, and fetal pig, to present a more comprehensive and rigorous introduction to the human body than that provided in the Human Biology course. The student will be able to identify important structures on charts and dissected specimens and outline the major functions of these structures. The major physiological processes studied are bone growth, muscle contraction, nerve impulse conduction, the cardiac cycle, and the menstrual cycle. Technical writing and memorization form part of the learning experience in this course.

Health Care Work Experience 36992
11 12 Repeatable 1.0

Prerequisite: One (1) full credit of technical level courses within the Health Science Pathway.

Students explore and identify the wide area of medical interventions and how health care professionals and researchers have identified causes and solutions to improve overall public healthcare. Such practitioners in allied health, dentistry, midwifery (obstetrics), medicine, nursing, optometry, pharmacy, psychology and other health professions are all involved in medical interventions. Students will explore such areas as infections, genes, cancer, organ failure, immunization, transplants, blood types, medical drugs, legal issues in healthcare, emerging technology, careers that use medical interventions, and safety.

MATHEMATICS

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Fundamental Algebra		✘	●	●						★									✎	
Algebra I		✘	●	●	●	●				★										
Geometry		✘	●	●	●	●	✔			★										
Honors Geometry		✘	●	●			✔			★								✘		
Technical Math		✘			●	●	✔			★										
Algebra II		✘		●	●	●	✔			★										
Intermediate Algebra IIA		✘		●	●	●	✔			★										
Intermediate Algebra IIB		✘			●	●	✔			★										
Honors Algebra II		✘		●	●	●				★								✘		
Algebra III		✘			●	●	✔			★							★*			
Statistics (CCCC)	✘				●	●	✔			★							★*			
Trigonometry (CCCC)	✘				●	●	✔			★							★*			
Pre-Calculus		✘			●	●	✔			★							★*			
Calculus I (CCCC)		✘				●	✔			★							★*	✘		
College Algebra (CCCC)	✘				●	●	✔			★							★*			

NOTE: All freshmen students will take Fundamental Algebra, Algebra I or Geometry, which will be determined by their 8th grade math class, teacher recommendation, and NWEA scores. Students will then continuously be enrolled in a math class until they have the required numbers of credits.

*Fourth year math courses CAN COUNT as a STEM credit.

Students can "test out" of a math course by taking its final exam, with teacher recommendation and supporting NWEA scores. The earned credit will be reflected on their transcript.

Fundamental Algebra 02051
9 1.0

Prerequisite: Students will be placed in Fundamental Algebra based upon teacher recommendation/academic need. Students will not voluntarily enroll in this course.

This course is designed to reinforce the standards from the middle grades curriculum that students need to be successful in Algebra I. Students will participate in (1) formulating and reasoning about expressions and equations and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) basic geometric topics that arise in Algebra problems.

Algebra I 02052
9 10 11 12 1.0

Prerequisite: None

The fundamental purpose of this course in Algebra I is to formalize and extend the mathematics that students learned in the middle grades. The modules deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Geometry 02072
9 10 11 12 1.0

Prerequisite: Algebra I

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Honors Geometry 02079
9 10 1.0

Prerequisite: Successful completion of Algebra I and Teacher recommendation

Geometry (02072) skills while including: Relationships between Triangles, Conditional Statement, Compound Statement and Indirect Proof, Definitions and Biconditionals, Inductive Reasoning, Constructions with Polygons, The Triangle Inequality Theorem, Proofs and Coordinate Geometry, Scale Factors, Side-Splitting Theorem, Area and Volume Rations, Chords and Arcs, Tangents to Circles, Inscribed Angles and Arcs, Angles Formed by Secants and Tangents, Segments of Tangents, Secants, and Chords, Laws of Sines and Cosines.

Technical Math 02153
11 12

Prerequisite: 1.5 credits in Math

This course is designed to prepare the student for dealing with the problems of industry. It will briefly review basic arithmetic and then move on to application problems (word problems) taken from various industrial disciplines. The focus will be on manipulating weights, measurements, and formulas from algebra, geometry, statistics, and basic trigonometry.

Algebra II 02056
10 11 12 1.0

Prerequisite: Algebra I and current math teacher's recommendation. NOTE: **NWEA scores may also be used for placement in or out of this class.**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Intermediate Algebra IIA 02069
10 11 12 1.0

Prerequisite: Algebra I and current math teacher's recommendation. **NOTE: NWEA scores may also be used for placement in or out of this class. Beginning in the 2019-2020 school year, NCAA will NO LONGER accept Intermediate Algebra IIA and/or Intermediate Algebra IIB toward eligibility.**

This course is the first year of a two-year Algebra II course. The same Kansas Career & College Readiness standards will be taught in this course as in a regular Algebra II course (see the Algebra II course description), but the pace will be slower. This course will cover the topics that are normally covered in the first semester of a regular Algebra II course.

Intermediate Algebra IIB 02069
11 12 1.0

Prerequisite: Intermediate Algebra IIA OR 1st semester of Algebra 2. **NOTE: NWEA scores may also be used for placement in or out of this class. Beginning in the 2019-2020 school year, NCAA will NO LONGER accept Intermediate Algebra IIA and/or Intermediate Algebra IIB toward eligibility.**

This course is the second year of a two-year Algebra II course. The same Kansas Career & College Readiness standards will be taught in this course as in a regular Algebra II course (see the Algebra II course description), but the pace will be slower. This course will cover the topics that are normally covered in the second semester of a regular Algebra II course.

Honors Algebra II 02059
10 11 12 1.0

Prerequisite: Algebra I (semester grade A) or NWEA Math Assessment (83 percentile) or Teacher recommendation.

Accelerated/Honors course has an increased rigor on academics. It is obtained through application analysis, evaluation, and creativity. Complex ideas are often abstract and multifaceted. Honors level rigor will be achieved by increasing complexity text selection and tasks, high level qualitative measures and instruction will give a deeper understanding of conceptual themes. Students will study functions and their transformation, coordinate geometry, matrices and determinants, sequences and series, radical, complex numbers, exponents, logarithms, statistics, probability, combinations, and permutations.

Algebra III 02057
11 12 1.0

Prerequisite: Algebra II and current math teacher's recommendation. This course **CANNOT** be taken once a student has credit for College Algebra. Any student wanting to take College Algebra is **HIGHLY** encouraged to take Algebra III in the fall. Algebra III is the perfect preparatory class for optimal success in College Algebra.

Algebra III courses review and extend algebraic concepts for students who have already taken Algebra II. Course topics include, but are not limited to, operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents.

Statistics 02201
11 12 0.5

Prerequisite: Algebra II and current math teacher's recommendation

Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

Trigonometry 02103
11 12 0.5

Prerequisite: Algebra II and current math teacher's recommendation. Students **CANNOT** enroll in Pre-Calculus and Trigonometry at the same time.

Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; and solutions of right and oblique triangles.

Pre-Calculus 02110
11 12 1.0

Prerequisite: Algebra II with a grade of B or above and current math teacher's recommendation. Students CANNOT enroll in Pre-Calculus and Trigonometry at the same time.

1st semester students will review quadratic functions with a focus on story problems and work with rational and radical functions. 2nd semester students will study trigonometry. They will evaluate and graph the six trig functions and solve triangles. Students will also study exponential and logarithmic functions.

Calculus I (Cowley College) 02124
12 1.0

Prerequisite: Pre-Calculus with a grade of B or above and enrollment prerequisites for Cowley College. *If taken at ACHS, tuition and book is paid for. A graphing calculator is also provided.*

Elementary calculus is the threshold of all higher mathematical analysis and is an essential tool for achieving important objectives in business and economics, statistics, the sciences, engineering and technology. Upon completion of the course, the student will gain skills in limits, continuity, differentiation and integration, and use them in analyzing and solving applications in the fields; business, social, physical and life sciences.

Cowley Algebra (Cowley College) 02069
11 12 0.5

Prerequisite: Completion of at least Algebra 2 and it is HIGHLY recommended that you take at least one semester of Algebra 3 prior to this course and meet enrollment prerequisites for Cowley College.
If taken at ACHS, tuition and book is paid for. A graphing calculator is also provided.

This course is an introduction of algebraic functions and some transcendental functions with application in business and life, natural, and social sciences. Topics include solving equations, zeros, rational functions, matrices, exponentials, logarithms, and systems. Additional topics are included as time permits.

MUSIC

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Band		✘	●	●	●	●	✔						★							●
Orchestra		✘	●	●	●	●	✔						★							●
Jazz Band		✘	●	●	●	●	✔						★						✎	●
Ark High Singers		✘	●	●	●	●	✔						★						✎	●
Men's Choir		✘	●	●	●	●							★							●
Women's Choir		✘	●	●	●	●							★							●
Symphonic Choir		✘	●	●	●	●							★						✎	●
Arkettes		✘	●	●	●	●	✔						★						✎	●
Music Theatre – Arts & Production	✘		●	●	●	●							★							●
Music Appreciation	✘		●	●	●	●							★							
Music Workshop	✘		●	●	●	●	✔						★						✎	●

NOTE: Instrumental and vocal music courses are considered performance-based classes. By enrolling in these classes, students accept the responsibility that public performances in and outside the normal school day are a "required" part of the coursework and a major part of the grade for the class. Students must maintain academic & KSHSAA eligibility and continue to be a student in good standing with the school in order to perform and receive full credit for class work. Most performance classes are for the full year, and students must enroll as such. Semester performance classes include Advanced Theatre Techniques and Music Theatre-Arts and Production. ALL classes taught in the music department require KSHSAA eligibility in order to enroll.

Band 05101
9 10 11 12 Repeatable 1.0

Prerequisite: Previous participation with a grade of "B" or better in the previous semester. (Students new to the district or previous students who have not been *actively* participating in the program must pass an audition). **Student must be KSHSAA/academically eligible to participate.**
The Bulldog Band is made up of wind and percussion musicians. The band will perform regularly at concerts, contests, home football games, home basketball games, parades, and various other performances. The Purple Wave Color Guard is selected from band members and will perform as such during marching season.

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

Orchestra 05104
9 10 11 12 Repeatable 1.0

Prerequisite: Previous participation with a grade of "B" or better in the previous semester. (Students new to the district or previous students who have not been *actively* participating in the program must pass an audition). **Student must be KSHSAA/academically eligible to participate.**
This performance group is open to all string players with prior playing experience. The ACHS Orchestra will perform concerts, special programs and contests.

Orchestra courses are designed to develop and improve students' orchestral string abilities, style and understanding fundamental music theory. Besides playing traditional orchestral music, the ACHS Orchestra has repertoire that covers rock, pop and jazz.

Jazz Band 05105
9 10 11 12 Repeatable 1.0

Prerequisite: (By Audition Only) Required concurrent enrollment in Band or Orchestra
Student must be KSHSAA/academically eligible to participate.
The Jazz Band is made up of select musicians who are also enrolled in the Symphonic Band or Orchestra. The Jazz Band performs throughout the year at a variety of concerts, contests, and community functions.

Contemporary Band courses help students develop their techniques for playing brass, woodwind, percussion, and string instruments, as well as guitars and keyboards, focusing primarily on contemporary stage band literature styles, such as traditional jazz, jazz improvisation, and rock.

Ark High Singers 05111
9 10 11 12 Repeatable 1.0

Prerequisite: (By Audition Only) Symphonic Choir or by special permission by instructor
Student must be KSHSAA/academically eligible to participate.
Ark High Singers is an advanced small ensemble of selected SATB voices, chosen for their musical ability, attitude, and personality. This ensemble is the show group of the Vocal Music Department and engages in several extra community performances in addition to concerts and small ensemble contests.

Ark High Singers is an auditioned class that serves as the advanced mixed small ensemble. Students must be concurrently enrolled in Symphonic Choir. This ensemble performs in all ACHS home concerts, community concerts and events, and regional and state solo and ensemble music festivals. Ark Highs also combine with the Arkettes to make up the Show Choir that will perform several times a year, and will compete in a competition in the spring.

Men's Choir 05110
9 10 11 12 Repeatable 1.0

Prerequisite: None
Student must be KSHSAA/academically eligible to participate.
This is a male open-enrollment class and auditions are not required.

Choir provides the opportunity to sing a variety of choral literature styles for men's voices and are designed to develop vocal techniques and the ability to sing parts.

Women's Choir 05110
9 10 11 12 Repeatable 1.0

Prerequisite: None
Student must be KSHSAA/academically eligible to participate.
This is a female open-enrollment class and auditions are not required.

Women's Choir is a female open-enrollment class that serves as the large treble choir that will perform in all ACHS home concerts and state large group music festival.

Symphonic Choir 05110
9 10 11 12 Repeatable 1.0

Prerequisite: By Audition Only
Student must be KSHSAA/academically eligible to participate.
Symphonic Choir is a select SATB Choir. This ensemble will perform at various concerts, community events, and contests. Additionally, this group will participate in the Fall School Musical.

Symphonic Choir is an auditioned class that serves as the advanced large mixed choir that will perform in all ACHS home concerts, serves as the cast for the ACHS musical, performs in several community concerts and state large group music festival.

Arkettes 05111
9 10 11 12 Repeatable 1.0

Prerequisite: By Audition Only and concurrent enrollment in Symphonic Choir or special permission **Student must be KSHSAA/academically eligible to participate.**
This course is a small ensemble for females only. The ensemble will perform at various concerts, community events, and small ensemble contests.

Arkettes is an auditioned class that serves as the advanced women's small ensemble. Students must be concurrently enrolled in Symphonic Choir. This ensemble performs in all ACHS home concerts, community concerts and events, and regional and state solo and ensemble music festivals. Arkettes also combine with the Ark High Singers to make up the Show Choir that will perform several times a year, and will compete in a competition in the spring.

Music Theatre – Arts & Production 05052
9 10 11 12 Repeatable 0.5

Prerequisite: First Semester Only
Student must be KSHSAA/academically eligible to participate.
This class is offered as an introduction to musical theatre. The student will prepare, audition for, and rehearse a final performance project of a full-length musical. Under the guidance of the teacher/director, the student will experience a professional rehearsal process and participate in the high school fall musical.

In conjunction with the fall production, the student will also be introduced to the basic elements of a musical. The student will learn about the development of the musical theatre art form from the earliest times through the 21st Century, as well as the practical application of acting, singing, and movement techniques to various styles of period and contemporary musical theatre works.

Music Appreciation 05056
9 10 11 12 0.5

Prerequisite: None

This course is a non-auditioned, semester-long class focusing on a wide variety of elements in music. Topics include music history, current music application, basic music understanding and a variety of other topics. Similar in nature to Music History/Appreciation courses, Music Appreciation courses focus specifically on students' appreciation of music. They are designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.

Music Workshop 05147
9 10 11 12 Repeatable 0.5

Prerequisite: Concurrent enrollment in another musical ensemble

Music Workshop is designed as an independent study for music department students. This course is open to all students with prior experience on a wind, percussion, string, or vocal instrument. Topics covered in this course are tailored to each enrolled student and may include studies on intermediate and advanced instrumental technique, composing and recording new music, study of secondary instruments, district & state large group and solo audition material, music theory concepts, collegiate audition material, and small ensemble repertoire. This course may be repeated for credit.

Advanced Theatre Techniques 05056
9 10 11 12 Repeatable 0.5

Prerequisite: None

Student must be KSHSAA/academically eligible to participate.
This class will be involved with a school production; i.e., set design and set construction. Students in this class will have evening commitments (the musical in the fall, the play in the spring, BVS, etc.)
The students taking this course must have an interest in learning more about the technical workings of a dramatic production. The students will design the fall musical and spring play; design costume, make-up, floor plans and make a scale model for the set.

HEALTH & PHYSICAL EDUCATION

								Graduation Requirement												
Course Title	**0.5 Credit**	**1.0 Credit**	**9**	**10**	**11**	**12**	**Prerequisite**	**English**	**Communications**	**Mathematics**	**Science**	**Social Science**	**Fine Arts**	**CTE/Financial Literacy**	**Health/Physical Education**	**Elective**	**STEM Elective**	**Weighted Grade**	**Teacher Permission Required**	**Repeatable**
Health	✘		●	●	●	●									★					
Lifetime Sports	✘		●	●	●	●									★					●
Team Sports	✘		●	●	●	●									★					●
Fit for Life	✘		●	●	●	●									★					●
Weight Training	✘		●	●	●	●									★					●
Swimming	✘		●	●	●	●									★					●
Lifeguard Training	✘		●	●	●	●	✔								★					
Athletic Weight Training A & B	✘		●	●	●	●	✔								★					●

NOTE: An individual physical fitness assessment will be administered to each student at the beginning and at the end of each course. The assessment will involve the health-related aspects of physical fitness. Time will be spent learning how to maintain and/or improve fitness in each of these areas. A fee will be charged per semester for each physical education class. There may be additional fees for particular classes. Students are limited to a maximum of two physical education classes per semester, per year.

Health 08051
9 10 11 12 Fee: $3 0.5 credit

Prerequisite: None
Health Promotion and Disease Prevention, Accessing Health Information, Products and Services, Self Management, Influence of Culture, Media, and Technology, Interpersonal Communication, Goal Setting and Decision-Making Skills, Advocating for Health. They will design an intervention plan for their individual health and demonstrate skills in CPR and First Aid. Health is a requirement for all incoming freshmen and transfer students.

Lifetime Sports 08004
9 10 11 12 Fee: $3 Repeatable 0.5 credit

Prerequisite: None *Due to ACHS facilities/accommodation, this class will focus on LOW IMPACT sports/activities.*
Recreation Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one recreational sport or outdoor pursuit (such as golf, pickleball, badminton, tennis, horseshoes, etc.).

Team Sports 08002
9 10 11 12 Fee: $3 Repeatable 0.5 credit

Prerequisite: None
Team Sports courses provide students with knowledge, experience, and an opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, and so on).

Fit for Life 08005
9 10 11 12 Fee: $3 Repeatable 0.5 credit

Prerequisite: None
This class is designed for students who wish to work out and are NOT interested in competition.
Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. This class includes a variation of modern fitness activities, such as walk/jog, yoga, and Zumba/dance.

Weight Training 08009
9 10 11 12 Fee: $3 Repeatable 1.0 credit

Prerequisite: None
Students may take only one weight training course per semester. Students may not be enrolled in an athletic weight training and weight training class during the same semester. Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

Swimming 08010
9 10 11 12 Fee: $3 Repeatable 0.5 credit

Prerequisite: None
Certified swimwear is required. If new swimwear must be purchased, female one-piece suits are ***preferred****.*
Aquatic/Water Sports courses help students develop skills useful or necessary in an aquatic environment. They may focus on swimming and competitive strokes, such as freestyle, breaststroke, butterfly, and so on or may involve team-oriented water sports, such as water polo and relay swimming. These courses may also include (or concentrate exclusively on) diving and/or lifesaving skills.

Lifeguard Training 08010
9 10 11 12 Fee: $3 0.5 credit

Prerequisite: Swimming
Certified swimwear is required. If new swimwear must be purchased, female one-piece suits are ***preferred****.*
Working in conjunction with the Ark City Recreation Center, this course will primarily be for individuals looking to get certified in Lifeguarding for the first time. This course is designed for individuals who want to lifeguard in a pool setting. Participants must be at least 15 years old by the last day of the course. At the end of the course, there will be a $50.00 fee for the (optional) lifeguarding certification application/testing.
Swimmers must be able to pass prerequisites by the first day of class. Attendance and participation are crucial to passing this class.

Athletic Weights A & B 08049
9 10 11 12 Fee: $3 Repeatable 0.5 credit

Prerequisite: Previous or current year sport completion
This course is designed for those students, male and female, who represented a school in a school athletic competition the previous school year **and** will be participating again this school year. Instruction includes principles of resistance training, plyometrics, speed training, and conditioning. Students will prepare their bodies throughout the semester to compete in the sport of your choice. Students may not be enrolled in an athletic weight training and weight training class during the same semester.

SCIENCE

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Physical Science		✘	●								★									
Honors Physical Science		✘	●				✔				★							✘		
Biology		✘		●							★									
Honors Biology		✘		●			✔				★							✘		
AP Biology		✘			●	●	✔				★							✘		
Earth & Space Science		✘		●	●	●					★						★*			
Chemistry I		✘		●	●	●	✔				★						★*			
Honors Chemistry II		✘			●	●	✔				★						★*	✘		
AP Chemistry III		✘				●	✔				★						★*	✘		
Microbiology & Botany	✘				●	●	✔				★						★*			
Human Anatomy & Physiology		✘			●	●	✔				★						★*			
Forensic Science		✘			●	●	✔				★						★*			
Human Biology	✘				●	●	✔				★						★*			
Zoology	✘				●	●	✔				★						★*			
Marine Science	✘				●	●	✔				★						★*			
Physics I		✘			●	●	✔				★						★			
Honors Physics I		✘			●	●	✔				★						★	✘		
Physics II		✘				●	✔				★						★			
Honors Physics II		✘									★						★	✘		
General Chemistry (Non-Major) CCCC		✘			●	●	✔				★									
Plant and Soil Science		✘		●	●	●	✔				★									
Principles of Applied Engineering		✘		●	●	●	✔				★									
Animal Science		✘		●	●	●	✔				★									

*Fourth year Science courses CAN COUNT as a STEM credit.

NOTE: Students are required to earn 3 credits in Science core classes in order to satisfy ACHS graduation requirements. All students will continuously be enrolled in a science class until they have earned a minimum of 3 science credits.

All students will be enrolled in Physical Science (freshman year) and Biology (sophomore year). Students may, however, elect to take Honors Physical Science and/or Honors Biology in lieu of these classes to satisfy these two credits. Students must be able to satisfy the prerequisites if they choose to do this.

Physical Science 03159
9 1.0
Prerequisite: None.
This course is a mainstream entry level experience in physical science and satisfies the physical science prerequisite for higher numbered science classes. The student will develop fundamental skills and master concepts associated with measurement, matter, energy, chemical reactions, forces, and waves, in the context of the scientific problem-solving process. Physical Science or Honors Physical Science is a requirement for all incoming freshmen.

Honors Physical Science 03159
9 1.0
Prerequisite: 8th grade Algebra I, 8th grade Science, AND concurrent enrollment in Geometry This course is an accelerated entry level experience in physical science and satisfies the physical science prerequisite for higher numbered science classes. The student will develop fundamental skills and master concepts associated with
measurement, matter, energy, chemical reactions, forces, and waves in the context of the scientific problem-solving process. This course is recommended for all students who plan to pursue a higher educational program in science, engineering, and/or any of the medical fields. Physical Science or Honors Physical Science is a requirement for all incoming freshmen.

Biology 03051
10 1.0
Prerequisite: None. Biology or Honors Biology is a requirement for all sophomores.
Biology is a mastery learning science course in which we learn the basic concepts of living organisms by utilizing the process skills of science. The areas studied will include the scientific method, ecology, cells, and introduction to biochemistry, cellular processes, and genetics.

Honors Biology 03051
10 1.0
Prerequisite: Honors Physical Science
Biology is a mastery learning science course in which we learn the basic concepts of living organisms by utilizing the process skills of science. The areas studied will include the scientific method, ecology, cells, and introduction to biochemistry, cellular processes, and genetics. This course is recommended for all students who plan to pursue a higher educational program in science, engineering, and/or any of the medical fields.

AP Biology 03056
11 12 1.0
Prerequisite: Honors Biology and Chemistry I
This course adheres to the curriculum recommended by the College Board. AP Biology stresses basic facts and their synthesis into major biological concepts and themes. This course covers three general areas: molecules and cells, including biological chemistry and energy transformation, genetics and evolution, and organisms and populations (i.e., taxonomy, plants, animals, and ecology). The course includes college level laboratory experiments and concludes with the AP Biology examination.

Earth & Space Science 03008
10 11 12 1.0
Prerequisite: None
This course introduces students to the study of the earth and space from a local and global perspective. Students will learn about time zones, latitude and longitude, the atmosphere, weather, climate, seas and oceans, the earth's crust, stars, planets, galaxies, matter and energy transfer.

Chemistry I 03101
10 11 12 1.0
Prerequisite: Algebra I and one unit of previous science
This course is a college preparatory level high school course. The student will review measurement and problem-solving skills, as well as acquire basic skills and master fundamental concepts associated with matter and energy, chemical compounds and reactions, stoichiometry calculations, the kinetic theory, gas laws, atomic structure, the periodic law, and molecular structure.

Honors Chemistry II 03102
11 12 1.0
Prerequisite: Chemistry I (offered as a class on demand, but may be available as an independent study) This course is a continuation of the Chemistry I class and generally follows the curriculum recommended by the College Board for AP Chemistry. Topics covered include stoichiometry, atomic structure, chemical bonding, nuclear chemistry, states of matter, types of reactions, chemical equilibrium, reaction kinetics, and thermodynamics.

AP Chemistry III 03106
12 1.0
Prerequisite: Honors Chemistry II (offered as a class on demand, but may be available as an independent study) This course is the capstone class of the chemistry sequence and concludes the study of chemical properties and interactions. Topics include, but are not limited to, thermodynamics, reaction kinetics, electrochemistry, chemical bonding, organic compounds and reactions, and advanced laboratory experiences. Qualified students may elect to take the AP Chemistry examination at the conclusion of the course.

Microbiology & Botany 03063
11 12 0.5
Prerequisite: Biology or Honors Biology
This course is divided into two nine-week periods. During the first period, the student will become familiar with the reproduction, growth, and identification of microbes, as well as their role in disease. During the second period, the student will master concepts related to the structure, growth, and development of plants.

Human Anatomy & Physiology 03053
11 12 1.0

Prerequisite: Biology or Honors Biology; Chemistry I strongly recommended prior to/concurrent with this class. This course utilizes the dissection of the brain, eye, heart, bone, and fetal pig, to present a more comprehensive and rigorous introduction to the human body than that provided in the Human Biology course. The student will be able to identify important structures on charts and dissected specimens and outline the major functions of these structures. The major physiological processes studied are bone growth, muscle contraction, nerve impulse conduction, the cardiac cycle, and the menstrual cycle. Technical writing and memorization form part of the learning experience in this course.

Forensic Science 44200
11 12 1.0
Prerequisite: Biology or Honors Biology
Priority enrollment will be given to the LPSCS students enrolled in the Law Pathway.
The course stresses crime scene investigation and the collection and evaluation of evidence.
This is an application level course that follows a background in Biology and Chemistry and provides students with knowledge and skills needed to pursue postsecondary training In LPSCS careers requiring forensic science (i.e., Forensic Anthropology, Forensic Medicine, Medical Examiner).

Human Biology 03052
11 12 0.5
Prerequisite: Biology or Honors Biology
An introductory study of the human body, including the basic structure and function of the major organ systems: nervous, skeletal, muscular, circulatory, respiratory, digestive, excretory, endocrine, reproductive and immune systems.

Zoology 03061
11 12 0.5
Prerequisite: Biology or Honors Biology
This course is an introduction to the animal kingdom. Students will be able to compare invertebrate and vertebrate systems with those of the human being. A lecture/laboratory format will be utilized in teaching this course. Laboratory work will include dissection.

Marine Science 03005
11 12 0.5
Prerequisite: Biology or Honors Biology
Marine Science focuses on the content, features, and possibilities of the earth's oceans. They explore marine organisms, conditions, and ecology.

Physics I 03151
11 12 1.0
Prerequisite: Algebra II required, Chemistry I strongly recommended
This is a college preparatory level high school course. The student will master skills and acquire concepts associated with the theories of classical physics with emphasis on mechanics and thermodynamics. Laboratory experiences, more advanced aspects of the scientific method, computer applications and the preparation of formal lab reports are integral parts of the course. This course generally follows the recommendations of the College Board for AP Physics I and provides a solid foundation for students who are planning to pursue higher education programs in the sciences and/or engineering. Qualified students may elect to take the AP Physics I examination at the conclusion of the course.

Honors Physics I
11 12 1.0
Prerequisite: Algebra II with Precalculus recommended as a prerequisite or corequisite.
It is anticipated that most students will take this course as an independent study or small group experience. It is planned to offer students the opportunity to take the AP Physics I exam, though it is not intended to make it required.

Physics II 03155
12 1.0
Prerequisite: Physics I (offered as a class on demand, but may be available as an independent study) This course concludes the study of physical principles begun in Physics I, with emphasis on waves, electromagnetism, and more advanced laboratory work. Aspects of relativity theory and quantum mechanics may also be considered, as time allows. This course generally follows the recommendations of the College Board for AP Physics II and provides an exceptionally strong foundation for students who are planning to pursue higher education programs in the sciences and/or engineering. Students may elect to take the AP Physics I or AP Physics II examination at the conclusion of the course.

General Chemistry (Non-Major) 03101
11 12 5 credit hours 1.0
Prerequisite: You must meet enrollment prerequisites for Cowley College.
This is a dual credit course offered jointly through Arkansas City High School and Cowley College. Cowley College's Catalog Description: An introduction to chemistry which includes the study of matter, atoms, molecules, chemical arithmetic, chemical reactions, gas laws, acids and bases, organic chemistry, and laboratory experimentation. Further information: This course provides a rapid coverage of a large number of topics and is suitable for those who need only a brief introduction to chemistry, but it is not intended for those who plan to pursue scientific, medical, or engineering degrees and does not offer the mental training nor develop the problem-solving skills that are essential in those fields of study. Students who plan a college major in a science or engineering field are advised to enroll in high school Chemistry I.

Animal Science 18101
10 11 12 1.0
Prerequisite: Agriscience (Animal Science or Plant and Soil Science may be used for science credit) Students will be required to maintain their SAE program and record book.
Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study.
Plant and Soil Science 18058
10 11 12 1.0 credit

Prerequisite: None

All students enrolled in agricultural education classes are members of the National FFA Organization as a part of affiliate membership. Students will be required to maintain their SAE program and record book through AET. Students will have the opportunity to participate in the Nursery and Landscape and Floriculture Career Development Events (CDEs) and industry tours. Students in this course will spend considerable time managing and maintaining the Ag department greenhouse and be responsible for spring and fall plant sales. In the fall, students will produce a poinsettia crop. In the spring, students will produce bedding plans, hanging baskets, and succulents. This course exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior landscaping, irrigation systems, weed and pest control, soil conservation, and floral design.

SOCIAL STUDIES

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Current Events	✘		●	●	●	●						★				★				●
US & World Geography	✘		●	●	●	●						★				★				
World History		✘		●								★								
AP World History		✘		●								★								
U.S. History		✘			●							★								
AP U.S. History		✘			●		✔					★								
Government	✘					●						★								
AP Government	✘					●	✔					★								
Business Economics	✘					●						★								
History vs Hollywood	✘				●	●														
Sociology	✘				●	●						★								
Psychology (CCCC)	✘			●	●	●						★								

NOTE: Students are required to earn 3 credits in Social Studies core classes in order to satisfy ACHS graduation requirements. All students must take World History (sophomore year), U.S. History (junior year), and Government (senior year). Additionally students must take one of the following semester-long social studies electives: Business Economics, Current Events, Sociology or Psychology (CCCC). Students may, however, elect to take AP classes or college classes, where available, in lieu of these classes to satisfy these credits. Students must be able to satisfy the prerequisites, if they choose to do this.

U.S./World Geography 04001
9 10 11 12 0.5
Prerequisite: None
World Geography courses provide students with an overview of world geography but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Current Events 04151
9 10 11 12 Repeatable 0.5

Prerequisite: None
Current Events covers U.S. and international events during the semester and how these events will impact the students going forward, primarily looking at events that more directly affect the United States. This course can be repeated as the current events will change from one semester to the next.

World History 04053
10 1.0
Prerequisite: None
World History or AP World History is a required sophomore history class.
Modern World History covers from 1400's to 1960's or further. Topics will include the Renaissance, Exploration, Enlightenment, Revolution, Industrial Revolution, World Wars and beyond. Students will use historical thinking by analyzing primary and secondary sources and defend arguments with historical based evidence.

AP World History 04057
10 1.0
Prerequisite: None
World History or AP World History is a required sophomore history class.
The goal of this course is to prepare students for college level academics. This course centers on developing the skills necessary to take the Advanced Placement test in May. This is a weighted course.
AP World History follows the College Board's suggested curriculum which is designed to parallel to college World History courses. AP World History covers from 1300 to present day. Students use historical thinking by analyzing primary and secondary sources and defend arguments with historical based evidence and key historical thinking skills outlined by the College Board. The students will cover all of the major regions of the world and the connection between societies. The goal of this course is to prepare students for college level academics.

U.S. History 04103
11 1.0
Prerequisite: None
U.S. History or AP U.S. History is a required junior history class - (may substitute with College U.S. History to 1877 and/or College U.S. History since 1865.
This course begins with a review of the major ideas, issues, and events of the late 19th century, including imperialism, industrialization, and immigration. Students will then concentrate on the critical events, people, groups, ideas, and issues of the period from 1900 to the present, ***including*** Progressivism, World War I, the 1920s, the Great Depression and New Deal, World War II and its aftermath, the Civil Rights Movement, Vietnam, and the Modern World, including the presidencies from Nixon to Obama, and the United States' response to globalization and international crises.

AP U.S. History 04104
11 1.0
Prerequisite: None
U.S. History or AP U.S. History is a required junior history class - (may substitute with College U.S. History to 1877 and/or College U.S. History since 1865.
The goal of this course is to prepare students for college study of the governmental structure and process level academics. This course centers on developing the skills necessary to take the Advanced Placement test in May. Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critical problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past. This is a weighted course.

Government 04151
12 0.5
Prerequisite: None
Government or AP Government is a required senior social science class - (may substitute with College American Government)
U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

AP Government 04159
12 0.5
Prerequisite: None
Government or AP Government is a required senior social science class - (may substitute with College American Government)
This course is for students who have an interest in intensive study of the governmental structure and process. AP Government courses prepare students for the AP exams in both U.S. Government and Politics and Comparative Government and Politics. Course content includes the topics covered in those two separate courses as described above.

Business Economics 12105
12 0.5
Prerequisite: None
Business Economics is a semester-long class that focuses on real world application of microeconomics (personal/consumer economics) and macroeconomics (state, regional, national, and global economics) while encouraging students to become informed and active consumers in our mixed-market economy.

History vs Hollywood 04149
11 12 0.5
Prerequisite: None
This is a course that examines different events and periods (World History & United States History) by comparing and contrasting cinematic features with corresponding primary and secondary sources.

Sociology 04258
11 12 0.5
Prerequisite: None
Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Psychology (Cowley College)
10 11 12 0.5
Prerequisite: Admittance as a Cowley College dual credit student and completion of required ACHS and Cowley College paperwork.
For course description, see Cowley College's course catalog

TEACHING/TRAINING PATHWAY

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Intro to Education	✘		●	●	●	●									★				
Technology for Teachers	✘		●	●	●	●	✔								★	★			
Teaching Observation	✘			●	●	●	✔								★	★			
Teaching as a Career		✘		●	●	●	✔								★	★			
Human Growth & Development- The Early Years	✘		●	●	●	●									★	★			
Lifespan Development	✘		●	●	●	●									★	★			
Family Studies	✘			●	●	●									★	★			
Teaching Internship		✘			●	●									★	★			●

Career Pathway Course Offerings
Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites.

Family, Community and Consumer Services

Introductory
- Introduction to Education

Technical
- Human Growth & Development- Early Years
- Lifespan Development
- Family Studies
- Coaching & Leadership
- Technology For Teachers
- Teaching as a Career

Application
- Teaching Internship

Introduction to Education 19199
9 10 11 12 0.5

Prerequisite: None

This course is designed to help direct students who are considering a career in teaching. The course explores the teaching profession for students as potential teachers. Throughout this course, students will become familiar with the career paths within education and related careers. They will examine developmentally appropriate practices for educational settings. Students will explore curriculum and instruction models to meet a variety of needs. Students will demonstrate skills for building positive relationships. Students will be able to engage in class discussion, hands-on activities, and meaningful Reflection.

Technology For Teachers
9 10 11 12 0.5

Prerequisite: Introduction to Education

Courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership, and human relations skills, assessment of student progress, teaching strategies and various career opportunities in the field of education. This course includes advanced work experience opportunities.

Teaching Observation
9 10 11 12 0.5

Prerequisite: Introduction to Education

Teaching observation courses build upon the understanding of the requirements of the teaching profession through student observations and study of best practices in multiple classroom settings. Observation analysis will be focused around the elements of effective instruction – planning and preparation, the learning environment, instructional strategies, and teacher/trainer professional responsibilities.

Teaching as a Career
9 10 11 12 1.0

Prerequisite: Introduction to Education

Teaching Profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

Human Growth & Development- The Early Years 45004
9 10 11 12 0.5

Prerequisite: None

Human Growth and Development provides students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to age 6, with a special emphasis on birth through school age. Students will have opportunities to cover topics related to individual self-development, career development, personal awareness, and preparation for the responsibilities of a family member and wage earner.

Lifespan Development 45014
9 10 11 12 0.5

Prerequisite: None

Life Span Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. In addition, this course helps students discover how individuals respond to the various stages of life span with a strong tie to teen years, adulthood and later years.

Family Studies 19255
10 11 12 0.5

Prerequisite: None

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children and responsibilities – use of Real Baby Simulators.

WORLD LANGUAGE

Course Title	0.5 Credit	1.0 Credit	9	10	11	12	Prerequisite	Graduation Requirement: English	Communications	Mathematics	Science	Social Science	Fine Arts	CTE/Financial Literacy	Health/Physical Education	Elective	STEM Elective	Weighted Grade	Teacher Permission Required	Repeatable
Spanish I		✘	●	●	●	●										★				
Spanish II		✘	●	●	●	●	✔									★				
Spanish III		✘	●	●	●	●	✔									★				
Spanish IV		✘		●	●	●	✔									★				

Students have the opportunity to earn world language credit based on their language fluency (oral, written, reading comprehension) . This assessment is done with our Spanish teacher. A written and oral assessment of the students' skills is given, the outcome of these assessments will determine which level of Spanish the student will be enrolled in.

To earn credit by examination (retroactive credit) for lower levels of Spanish, students must meet one of the following criteria:

1. Pass both semester finals (written and oral) of the lower level(s) of Spanish course(s) that they initially tested out of with a 75% or better

Or

2. Pass their current Spanish class that they tested into

Spanish I 06101
9 10 11 12 1.0
Prerequisite: None -- ***Native Spanish speakers should take a higher-level course.
Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Spanish II 06102
10 11 12 1.0
Prerequisite: Spanish I or for students who test out of Spanish I
***Native Spanish speakers are encouraged to take Spanish II and III to satisfy the two-year recommendation for Kansas Scholars Curriculum.
Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish speaking people to deepen their understanding of the culture(s).

Spanish III 06103
11 12 1.0
Prerequisite: Spanish II or demonstrated fluency
***Native Spanish speakers are encouraged to take Spanish II and III to satisfy the two-year recommendation for Kansas scholars.
Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Spanish IV 06104
12 1.0
Prerequisite: Prerequisite: Spanish III or demonstrated fluency
Students will be expected to work independently on any problem areas. Students MUST be able to work independently as the course may be a combined Spanish III and Spanish IV,, thus requiring the teacher to teach two courses simultaneously.
Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Appendix A: QUALIFYING COURSES FOR FINE ARTS REQUIREMENT

The Kansas Department of Education requires all students graduating from a Kansas high school to have one unit of a fine arts credit. Below is information from KSDE:

Fine Arts Education Creates Student Success in School, Work, and Life. Arts education benefits both students and society, providing skills and knowledge in:

- understanding human experiences, both past and present
- working collaboratively
- using innovation and creativity when making decisions
- applying critical thinking and problem solving when non-prescribed answers exist
- adapting to and respecting others' diverse ways of thinking, working, and expressing themselves
- understanding the influence of the arts and their power to create and reflect cultures
- analyzing nonverbal communication for making informed judgments about products and issues
- communicating effectively

Arts Education includes five separate and distinct disciplines: dance, music, theater arts, visual arts, and media arts - each with its own body of knowledge and skills.

The following ACHS courses qualify for the Fine Arts graduation requirement.

VISUAL ARTS	PERFORMING ARTS	MUSIC
Intro to Art	Forensics	Band
Drawing I	Debate	Jazz Band
Painting I	Journalism & Media Comm.	Orchestra
Ceramics I	Audio/Video Prod. I & II	Men's Choir
Drawing II	Creative Writing	Women's Choir
Painting II	Advanced Theatre Tech.	Symphonic Choir
Ceramics II	Film Studies	Ark High Singers
2-D Design	Drama	Arkettes
3-D Design	Media Des. & Prod (Mirror)	Music Thtr/Arts & Prod.
Photo Imaging		Music Appreciation
Photojournalism		
Graphic Des. I & II		

Appendix B: STEPS TO ENROLL IN COWLEY COURSES AS AN ACHS STUDENT

1. Know your GPA. If you meet the GPA requirements below, move to step 2.

Program Type	Course Examples	GPA Requirement
CTE (Career/Tech Ed) Courses	Welding, Mechatronics, Non-Destructive Testing, Auto Mechanics, Machine Shop, Milling Tech, etc.	2.0
	CNA, CMA, EMT, Cosmetology	2.0
General Education Courses	College Algebra, Comp I & II, Public Speaking, Psychology, Biology w/Lab, Accounting, etc.	2.75
Gen. Ed. Exceptions	College Algebra Comp I & II	3.0

2. Apply to Cowley College for admission at cowley.edu. Be sure to click on the application for concurrent high school students. Once you have successfully applied, Cowley College will send you an email with your Cowley ID number.
3. When you receive your Cowley ID number, you must take the Accuplacer placement exam UNLESS your ACT scores meet the criteria or your GPA is above a 3.0. You will need your Cowley ID number to test. Which test(s) you need to take will be dependent upon the Cowley class(es) in which you want to enroll.
4. General Education Courses Admission Requirements
    a. HS GPA of 2.75 or higher
    b. College Level Reading assessment of 18 ACT in Reading or NexGen Accuplacer of 255 or higher OR
    c. HS GPA of 3.0 on pre-college curriculum (will not require Reading assessment)
    d. English/Math Course Placement Requirements
        i. English Composition I
            1. 20 ACT English or 255 or higher in NexGen Accuplacer English Assessment with a GPA of 2.75-3.0.
            OR
            2. Complete English III with a “B” or better with a cumulative high school GPA of 3.0 +
        ii. College Algebra
            1. 21 ACT in Math or 263 or higher in NexGen Accuplacer Algebra assessment with a GPA of 2.75-3.0.
            OR
            2. Complete HS Algebra II or higher-level Math course with a “B” or better with a cumulative HS GPA of 3.0
        iii. Calculus I/Trig
            1. ACT of 25 or NexGen Accuplacer of 266.
5. Cowley College CTE Programs and Courses
    a. HS GPA of 2.0 or higher
    b. College Level Reading assessment of 16 ACT or Accuplacer of 224 or higher.
6. Once you are deemed eligible to take college courses, your HS counselor will give you a FastTrack form and a CAPSS form (both of which will be updated each semester) to have signed by the principal and your parent(s)/guardian(s).
7. Once you have returned both the Fast Track and the CAPSS forms, your counselor will schedule an appointment for you and a Cowley College Admissions Rep to explore appropriate college classes. This

meeting will occur on the ACHS campus.

8. Once you have identified the college course(s) you will take, you will meet with your counselor to decide on your ACHS and Cowley College schedule. You are **NOT ALLOWED** to independently enroll at Cowley College. **ALL** high school students must go through their ACHS counselor to take a class at Cowley College.
9. You are not officially enrolled in Cowley classes until you receive your Cowley schedule from your counselor. Once you receive your Cowley schedule your counselor will notify you of next steps. It is important that you check your Cowley College email, as that is how the college will communicate with you.
10. Students may drop a Cowley class prior to the withdrawal deadline determined by Cowley College, but it will appear on the college transcript with a grade of "W" AND an "F" on the high school transcript. If the dropped class was paid by USD 470, you must pay back the cost of tuition to the school district. The class paid for by USD 470 is determined by which class is on the CAPSS form.

Appendix C: DUAL CREDIT - GUARANTEED TRANSFER GENERAL EDUCATION COURSES

In order to be allowed to enroll in any class at Cowley College, students must have successfully completed at least 6 credits (sophomore classification) and must be in good standing in the areas of appropriate discipline and attendance. If a student meets these criteria, they will be allowed to apply for the class according to Cowley College guidelines below. Any student who desires to enroll in a college class for dual credit needs to see their high school counselor for enrollment information. NOTE: Students must provide their own transportation to and from Cowley classes and will be allowed 15 minutes travel time between the high school and college campuses. There will be NO tardies excused, because of your commute.

TO VIEW APPROVED COURSES FOR USD #470 PAYMENT OF TUITION, SEE LINK BELOW.

https://docs.google.com/document/d/1xTXRmJS09Ekhndl123urlcbDH4jYYwn8/edit

TO VIEW COURSES GUARANTEED TO TRANSFER TO ANY COLLEGE IN THE STATE OF KANSAS
https://www.kansasregents.org/transfer_articulation

Appendix D: WEIGHTED ACHS HONORS, AP, AND COWLEY DUAL CREDIT COURSE LIST

ACHS Honors and AP Courses

All Honors and AP courses taught at ACHS, will be graded on a modified and 5.0 weighted grade scale. All other courses at ACHS will remain on the 4.0 unweighted grade scale. The AP tests are national tests given every May. These tests are optional for students enrolled in AP classes. Arkansas City School District covers the cost of the test for all students enrolled in AP classes. The courses listed below are included in the modified and 5.0 weighted grade scale.

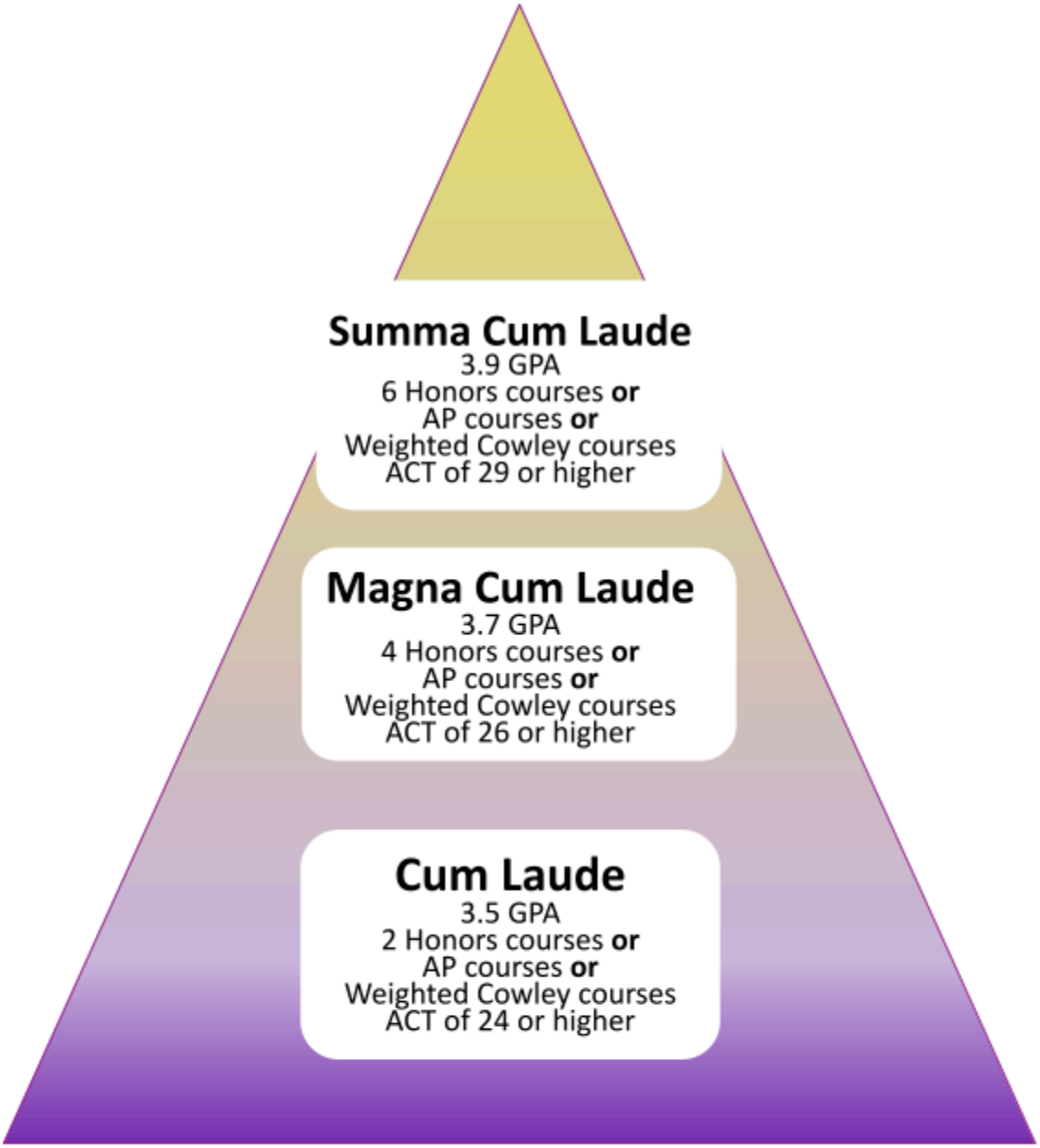
Honors Physical Science (Grade 9)
Honors English II (Grade 10)
Honors Biology (Grade 10)
Honors Chemistry II (Grade 11)
AP World History (Grade 10)
AP U.S. History (Grade 11)
AP Chemistry III (Grade 12)
AP Physics (Grade 12)
Honors Physics I
Honors Algebra II (Grade 10-11)
Calculus (Grade 12)
Honors English I (Grade 9) Fort Hays State University KAMS Program Courses
AP English Language and Composition (Grade 11)
AP English Literature and Composition (Grade 12)
AP Biology (Grade 11)
AP Government (Grade 12)
AP Economics (Grade 12)
Honors Geometry (Grade 9)

Certain Cowley courses, taken by ACHS students for dual credit, qualify for the 5.0 weighted grade scale. All other Cowley courses will remain on the 4.0 unweighted grade scale. The courses listed below are included in the 5.0 weighted grade scale. The Board of Education has sanctioned the automatic assignment of weighted GPA to any course with a prerequisite already approved by the BOE.

Principles of Accounting I (3cr) elective (0.5cr)
Principles of Accounting II (3cr) elective (0.5cr)
Managerial Accounting (3cr) elective (0.5cr)
General Biology I/Lab (5cr) science (1.0cr)
General Biology II/Lab (5cr) science (1.0cr)
Microbiology (1.0cr)
Human Anatomy & Physiology/Lab (8cr) science (2.0cr)
Human Anatomy & Physiology/Lab (5cr) science (1.0cr)
Chemistry I/Lab (5cr) science (1.0cr)
Chemistry II/Lab (5cr) science (1.0cr)
Principles of Macroeconomics (3cr) economics (0.5cr)
Principles of Microeconomics (3cr) economics (0.5cr)
Spanish II (5cr) world lang (1.0cr)
Spanish III (5cr) world lang (1.0cr)
Elementary Statistics (3cr) math (0.5cr)
Trigonometry (3cr) math (0.5cr)
Calculus for Business/Econ (3cr) math (0.5cr)
Calculus I (5cr) math (1.0cr)
General Physics I/Lab (5cr) science (1.0cr)
General Physics II/Lab (5cr) science (1.0cr)
Engineering Physics I/Lab (5cr) science (1.0cr)
Engineering Physics II/Lab (5cr) science (1.0cr)
General Psychology (3cr) elective (0.5cr)
Principles of Sociology (3cr) elective (0.5cr)

Honors/AP WEIGHTED COURSES								COWLEY WEIGHTED COURSES GPA WEIGHT		
GRADE SCALE				GPA WEIGHT						
A	=	87-100		A	=	5		A	=	5
B	=	77-86		B	=	4		B	=	4
C	=	70-76		C	=	3		C	=	3
D	=	60-69		D	=	2		D	=	2
F	=	0-59		F	=	0		F	=	0
NON-WEIGHTED COURSES								Cowley Non-Weighted Courses GPA Weight		
GRADE SCALE				GPA WEIGHT						
A	=	90-100		A	=	4		A	=	4
B	=	80-89		B	=	3		B	=	3
C	=	70-79		C	=	2		C	=	2
D	=	60-69		D	=	1		D	=	1
F	=	0-59		F	=	0		F	=	0

Appendix E: GRADUATION ACADEMIC RECOGNITION



What Does Graduating Cum Laude Do For You?

- Rigorous courses in high school will prepare you for challenging college-level work.
- A grade point average of 3.5 or better is achievable. A 3.5 student, who has taken difficult courses, will be better prepared than a student who makes a 4.0 taking general courses or an easier path.
- Many colleges and universities award scholarships for performance on the ACT. The best way to score well on the ACT is to take courses that push you to excel and learn. Overwhelmingly, colleges do not award scholarships based only on GPA.
- The ACHS staff believes that anything worth having is worth working hard to achieve. We, inherently, know that to be the best we can be, we must push ourselves to develop our talents and abilities. Accept the challenge to prepare for your future.