

Leavenworth Senior High School

2024|2025

Course Catalog



Tentative Graduation Plan

Freshman Year

1. English: Freshman English or Freshman Honors English
2. History: See your counselor for options
3. Math: Teacher recommendation
4. Science: See your counselor for options
5. PE: Boys Health or Girls Health & PE
6. Elective: 1 year-long class or 2 semester classes
7. Elective: 1 year-long class or 2 semester classes

Sophomore Year

1. English: Sophomore English or Sophomore Honors English
2. History: See your counselor for options
3. Math: Teacher recommendation
4. Science: See your counselor for options
5. PE: PE (or ROTC)
6. Elective: 1 year-long class or 2 semester classes
7. Elective: 1 year-long class or 2 semester classes

Junior Year

1. English: See your counselor for options
2. History: See your counselor for options
3. Math: Teacher recommendation
4. Science: See your counselor for options
5. Elective: 1 year-long class or 2 semester classes
6. Elective: 1 year-long class or 2 semester classes
7. Elective: 1 year-long class or 2 semester classes

Senior Year

1. English: See your counselor for options
2. History: See your counselor for options
3. Math: Four years recommended
4. Science: Four years recommended
5. Elective: 1 year-long class or 2 semester classes
6. Elective: 1 year-long class or 2 semester classes
7. Elective: 1 year-long class or 2 semester classes

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Questions?

Students planning their enrollment should carefully consider the graduation requirements for Leavenworth High School. The requirements are listed within; please consult them as you prepare your enrollment. **If you have any questions regarding your graduation requirements, please see your counselor.**

Guidance Counselors

Students are assigned to a particular counselor based on the student's last name. The assignments are as follows:

A-E	Ms. Jennifer Baptista
F-L	Mr. Matthew Bille
M-R, International Students	Ms. Lisa Shepard
S-Z	Ms. Karen Ross

Graduation Requirements

In order to receive a Leavenworth High School diploma, a student must attend 7 semesters in grades 9-12 in an accredited junior and/or senior high, of which the final semester must be at Leavenworth High School. Summer school attendance will not be counted as a semester of attendance.

Entering senior students must earn at least three credits from LHS.

All students must be enrolled as full-time students during their period of attendance at LHS. Freshman and sophomore students must be enrolled in 7 credits. Junior and senior students may be enrolled in a non-credit teacher helper per semester if their cumulative GPA is 2.8 or higher.

Requirements for Graduation

Credit Requirements for Diploma

A half credit is defined as the completion of a class which meets for a full semester. To earn a diploma Leavenworth High School students must earn a minimum of 23 credits.

Explanation of Terms

AP=Advanced Placement
.5 credit=1 successful semester

Subject

Fine Arts	1 credit
English Language Arts	
A minimum of 3 of these 4 credits must be in the area of English.	4 credits
Social Studies	
AP United States History or United States History	1 credit
AP European History, World History, or AP World History	1 credit
US Government, AP US Government, or Law	.5 credit
Other Social Studies Elective	.5 credit
Mathematics	3 credits
(Shall include algebraic and geometric concepts)	
(Must include Algebra I or equivalent or prior completion of Algebra I)	
Science	3 credits
Biology	1 credit
Physical Science (Integ Chem/Integ Phys or Chemistry)	1 credit
Other Science	1 credit
Physical Education (Must include .5 credit of Health)	2 credits
Freshman: PE/Health	1 credit
Sophomores-Seniors: ROTC or PE	1 credit
Practical Arts	.5 credit

Grade Point Average and Class Rank

Leavenworth High School has a weighted grading system. Weighted grades are awarded for Advanced Placement courses on the following basis: A (5.0), B (4.0), C (3.0), D (1.0), and F (0.0). All other classes are based on a 4-3-2-1 system. Cumulative GPA is computed by grades earned and credits attempted, which determines weighted class rank.

Grades	GPA	GPA (AP)
A = 90-100	4.0	5.0
B = 80-89	3.0	4.0
C = 70-79	2.0	3.0
D = 60-69	1.0	1.0
F = below 60	0.0	0.0

2024-25 Dates to Remember

LHS School Code: 171700

Local PSAT Testing (For Sophomores & Juniors)

10/2024 @ LHS
Register with LHS Guidance

Local ACT Testing

Date	Location
10/26/24	LHS

Register at www.actstudent.org
LHS Test Center Code: 175980

Local AP Exams

05/2025 @ LHS

Local ASVAB Testing

11/24 @ LHS
Register with LHS Guidance

Guidance Informational Nights

Senior Information Night – 09/24
 @ 6:30 pm (Auditorium)
College & Career Night – 10/24
 @ 6:30 pm (Gymnasiums)
Transitioning to LHS – 03/03/25
 @ 6:30 pm (Auditorium/Gym)
Senior Awards Night – 05/15/25
 @ 6:00 pm (Virtual)

*All Events are subject to change

Policies/Procedures

Nondiscrimination Policy

Applicants for admission and employment, students, parents of elementary and secondary school students, employees, sources of referral of applicants for admission and employment, and all unions or professional organizations holding collective bargaining or professional agreements with USD 453 are hereby notified that this institution does not discriminate on the basis of race, color, national origin, gender, age, religion, marital status, gender orientation, veteran status, handicap, sex, or any other legally protected status in admission or access to, or treatment or employment in, its programs and activities. As required by law, the district will provide equal access to district facilities and related benefits and services and will not discriminate against any group officially affiliated with the Boy Scouts of America, the Girl Scouts of the United States of America or any other youth group designated in applicable federal law. Any person having inquiries concerning USD #453 compliance with the regulations implementing Title VI, Title IX, Section 504, Age Discrimination Act, and the Boy Scouts of America Equal Access Act is directed to contact USD #453, 200 N 4th Street, (913) 684-1400. The Superintendent of Schools, Mr. Mike Roth, has been designated to coordinate the institution's efforts to comply with the regulations implementing Title VI, Title IX, Section 504, Age Discrimination Act, and the Boy Scouts of America Equal Access Act. Any person may also contact the Asst.

Graduation Procedure for International/ Foreign Exchange Students

- International/Foreign Exchange students can graduate from Leavenworth High School if they provide a transcript translated in English from their previous school or a government agency.
- They meet all Leavenworth High School graduation requirements.

Accredited/Non-Accredited

Private School Policy

Accredited Private Schools

- Students who have attended a private school that is accredited by the Kansas State Department of Education or another state department will receive credit and grades will be granted as listed on their transcript.

Non-Accredited Private Schools/Home Schools

- Students who have attended a Non-Accredited Private School or Home School may earn credit through the following process:

Students' transcripts and documentation will be reviewed by the building principal and department representatives. Credit will be granted and grades issued based on their review and recommendation.

Make-up/Replacement Credits

- Make-up/Replacement credits may be earned through the Virtual Learning program according to the following guidelines:

1. Students must have prior approval from their LHS counselor.
2. Students cannot earn credit through this program for required coursework unless they have already failed the course and there is not room in their schedule to retake the course at LHS, or if the student needs more than 7 credits, which is the amount typically earned in a school year.
3. Students cannot earn credit to replace a requirement that they are currently enrolled in and failing until the semester is completed.
4. Exceptions to these guidelines can be made with approval of the building principal.
5. Make-up/replacement credit work must be completed by the conclusion of each respective semester.

Dual-Enrollment via Post-Secondary Institutions

- Students may earn dual credit through post-secondary institutions if:

1. They are sophomore, junior or senior or a freshman with a gifted IEP.
2. They obtain approval of their counselor and the building principal (paperwork is available in the guidance office).
3. A three-hour college class equals a half high school credit. A five-hour college class equals one high school credit
4. A student may elect to take one college block in their schedule per three-hour college class; two blocks per five-hour class.
5. Students are responsible for submitting their college grade to their counselor as soon as possible (not to exceed two weeks) or an "F" will be posted on their transcript.
6. See page 7 of the course catalog for detailed information on concurrent-enrollment courses offered at LHS.

Transcript Translation Procedures

- Leavenworth High School translates transcripts according to the following guidelines:

1. Leavenworth High School has a weighted grading system for all Advanced Placement (AP) and International Baccalaureate (IB) coursework on the following basis:
A (5.0), B (4.0), C (3.0), D (1.0), F (0.0).
All other classes, including Pre-AP, Pre-IB, and Honors classes are based on a 4-3-2-1 system. Rank in class is figured on a cumulative GPA for all classes. GPA is computed by total number of units attempted.
2. If a sending school posts transcripts using letter grades, those grades are honored regardless of the sending school's grading scale.
3. If a numeric grading system is used and the grading scale is printed on the transcript the sending school, this scale is honored and letter grades are issued according to the sending school's scale.
4. If the grading scale is not indicated on the transcript, Leavenworth High School contacts the sending school to obtain the grading scale and issues letter grades according to the sending school's scale.

Class Drop Procedure

- Students are encouraged to maintain the schedule they created with their counselor, but if a student needs a schedule change, counselors make changes before and after school only on a first come, first served basis during the first five days of each semester.
- Class sections and teachers are assigned randomly at LHS. Every attempt will be made to balance class size. Students will not be allowed to switch teachers.
- Should a student decide to request a change in the student's course selection for this year, it must meet one of the following criteria:
 1. The need for the school to balance class size.
 2. Errors made by the school in developing the schedule.
 3. Medical reason with documentation.
 4. Placement by the school for students with academic difficulties.
 5. Request to take courses in order to qualify for the Kansas Scholars/Board of Regents.
 6. Request to add a course required for post-secondary admissions (with documentation required from the college).
 7. Adding a required course in lieu of an elective class.
 8. Administrator approval of student enrollment in a higher-level course.
 9. Failure of a course required for graduation.
 10. Failure of a prerequisite, i.e., anything that would prevent a student from going on to a requisite course as published in the Course Catalog (e.g., failing Honors Algebra II prevents a student from enrolling in AP PreCalculus).
 11. Second-semester senior schedules may change as a result of qualifying for shortened day.

After the first five days of the semester, if a student request meets one of these criteria, he/she may submit a Schedule Change Request form (available in the Guidance Office). All changes are subject to administrator approval.

- Class changes are not effective until all completed paperwork is returned to your counselor, an administrator has approved the change, and all books/materials are returned to teachers.
- In special and limited circumstances where a change is approved by administration after the first two weeks of a semester, a WP (withdraw passing) or WF (withdraw failing) will be recorded on the student transcript.
- No changes may be made after the first quarter during the first semester, or after the third quarter during the second semester.

Scholastic Eligibility

To participate in a LHS activity (band, choir, debate, or forensics), team, or group, each participant must have satisfied all the scholastic eligibility requirements prior to participation. KSHSAA requires that all students have passed at least five new subjects (those not previously passed the last semester). They also must be enrolled in at least five new subjects (those not previously passed) or unit weight this coming semester. Office helpers and teacher helpers are not credit courses.

2024-25 Freshmen Options

English/Language Arts

•Freshman English	EN105
•Freshman Honors English	EN160
Argumentation & Debate (1st sem)	LA112
•Speech (sem)	LA121

Fine Arts

Intro to 2D Art (sem)	FA102
Intro to 3D Art (sem)	FA103
Acting I (sem)	FA111
Forensics (2nd sem)	FA121
Mixed Choir (sem)	FA131
Senior High Band	FA141
Mixed Choir (must audition/year)	FA231
Music Appreciation (sem)	FA251
21st Century Journalism (sem)	FA261
Digital Media Technology (sem)	FA272
Video Broadcast I (sem)	FA281

Mathematics

Algebra Essentials	MA118
•Algebra I	MA125
•Honors Geometry	MA240

Physical Education

Boys Health (sem)	PE116
Girls Health (sem)	PE117
Lifetime Fitness & Wellness (sem)	PE201
Walking for Fitness (sem)	PE203
Racket & Individual Sports (sem)	PE211
Team Sports (sem)	PE221
Sports Conditioning (sem)	PE241

Practical Arts

Business Essentials (sem)	BU103
AVID 9	CP100
Computer Applications	CT207
Graphic Design (teacher rec for 9th grade)	CT221
Intro to Family & Consumer Sciences	FC101
Drafting & Prod Blueprint Rdg (2nd sem)	TE101
Intro to Industrial Technology (1st sem)	TE105
DraftingCAD	TE202

ROTC

JROTC	RO101
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Science

•Biology	SC201
•Honors Biology	SC211

Social Studies

•World History	SS205
•AP European History	SS505

World Language

•French I	WL101
•Spanish I	WL111
•Spanish II	WL211

2024-25 Sophomore Options

Sophomores may take courses from the freshman list.

English/Language Arts

•Sophomore English	EN205
•Sophomore Honors English	EN260
Competitive Debate (sem)	LA212
Yearbook/Digital Media (must apply)	LA316
Journalism Project Mgmt (must apply)	LA317

Fine Arts

Advanced Two Dimensional Art	FA201
Advanced Three Dimensional Art	FA301
Stagecraft (sem)	FA221
Advanced Drama (sem, audition)	FA312
Jazz Band (must audition)	FA241
Advanced Technical Theatre (audition)	FA322
A Cappella Choir (must audition)	FA331
Advanced Video Broadcast (must apply)	FA382
Show Choir (must audition)	FA431

Mathematics

•Geometry	MA235
•Algebra II	MA345
•Honors Algebra II	MA355

Physical Education

Advanced Sports Conditioning (sem)	PE245
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Practical Arts

Accounting I	BU201
Entrepreneurship (sem)	BU311
Business Management (sem)	BU315
Marketing I	BU333
AVID 10	CP200
Web Design	CT231
Essentials of Fashion, Apparel & Interior Design (sem)	FC211
Fashion Trends (sem)	FC216
Culinary Essentials (sem)	FC223
Teaching as a Career	FC224
Family Studies (sem)	FC232
Human Growth & Development (sem)	FC243
Lifespan Development (sem)	FC348
Introduction to Automotive Technology (sem)	TE131
Architectural Design	TE221
Drafting/CAD Techniques & Design	TE301

ROTC

See Freshman Level

Science

•Int Science: Chemistry (sem)	SC108
•Int Science: Physics (sem)	SC109
•Chemistry	SC321

Social Studies

•AP World History	SS515
•United States History	SS305
•AP United States History	SS525

World Language

•French II	WL201
•Spanish III	WL311

**For International/
Exchange Students Only**

English as a Second Language	ESL12
American Language & Culture	ESL13

2024-25 Junior Options

Juniors may take courses from freshman and sophomore lists.

English/Language Arts

•Junior English	EN360
•AP English Language & Composition	EN505
•Creative Writing	EN370

Fine Arts

Repertory Theater (audition)	FA411
AP Art History	FA501
AP Art & Design	FA502

Mathematics

Consumer Mathematics	MA303
•College Algebra	MA401
•AP Precalculus	MA436
•AP Statistics	MA515

Physical Education

See previous grade levels for additional classes

Practical Arts

Advanced Accounting	BU301
Marketing II	BU432
Advanced Marketing	BU433
AVID 11	CP301
Game Design & Authoring for the Web	CT331
Web and Dig Comm Project Mgmt	CT447
Apparel Production I (sem)	FC214
Culinary Arts I (must apply)	FC325
Teaching Internship	FC300
Foundations of Early Childhood Education	FC347
Career Internship (1st sem/2 periods)	FC301/FC302
Automotive Technology I (4 periods)	TE232
Research & Design for Manufacturing	TE300
Research & Design for Architecture	TE311
Leadership (must apply)	LDR301

ROTC

See Freshman Level

Science

•Int Science: Natural Disasters (sem)	SC106
•Int Science: Astronomy (sem)	SC107
•Comparative Anatomy & Morphology	SC401
•Forensic Science	SC405
•Physics	SC411
•AP Biology	SC501
•AP Chemistry	SC511

Social Studies

•United States Government (sem)	SS405
•United States Law (sem)	SS415
•AP US Government & Politics	SS531
•Contemporary World Issues	SS310
•Sociology (sem)	SS435
•Psychology (sem)	SS445
•AP Psychology	SS532

World Language

•French III	WL301
•AP Spanish Lang & Culture	WL611

Electives

Teacher Helper	TH300
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•Denotes Kansas Scholars Curriculum & NCAA Approved Course

A minimum number of students is required for a course offering.

2024-25 Senior Options

Seniors may take courses from freshman, sophomore, and junior lists.

English/Language Arts

•Horror Fiction (sem)	EN347
•Sci-Fi/Fantasy Lit (sem)	EN348
•Senior English	EN405
•English Composition I (sem)	EN435
•English Composition II (sem)	EN445
•AP English Literature & Composition	EN515

Fine Arts

See previous grade levels for additional classes

Mathematics

See previous grade levels for additional classes

Physical Education

See previous grade levels for additional classes

Practical Arts

AVID 12	CP401
Automotive Technology II (4 periods)	TE332

ROTC

See Freshman Level

Science

•AP Physics 2	SC522
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Social Studies

See previous grade levels for additional classes

World Language

•French IV	WL401
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Kansas City Kansas Community College @ Pioneer Career Center (PCC)

- College classes for Juniors/Seniors
- Must apply and be accepted
- Classes held at PCC
- Transportation provided
- Classes take up to 4 class periods/either mornings or afternoon
- No cost for tuition

Baking
Construction Technology
Culinary Arts
Electrical Technology
HVAC
Health Professions/CNA (sem)
Criminal Justice
Early Childhood Education

Career & Technical Education Pathways

Pathways provide students with specific career related skills and put those skills into practice through hands-on activities. Students completing all of the classes within a pathway may qualify for college credit through either KCKCC, Highland Community College or pathway articulation agreements.

1-Introductory Level

2-Technical Level

3-Application Level

Business – Marketing

- 1-Business Essentials (S) – 9th
- 2-Marketing I (Y) – 10th
- 2-Accounting (Y) – 10th
- 2-Graphic Design (Y) – 10th
- 2-Web Page Design (Y) – 10th
- 2-Business Management (S) – 11th
- 2-Entrepreneurship (S) – 11th
- 3-Marketing II (Y) – 11th
- 3-Marketing Management (Y) – 12th

Information Technology – Web & Digital Communication

- 1-Computer Applications (Y) – 9th
- 2-Graphic Design (Y) – 10th
- 2-Web Page Design (Y) – 10th
- 3-Game Design & Authoring for the Web (Y) – 11th
- 3-Web & Digital Communications Project Mgmt (Y) – 11th

Hospitality and Tourism - Restaurant & Event Management

- 1-Introduction to Family & Consumer Science (Y) – 9th
- 2-Culinary Essentials (S) – 10th
- 3-Culinary Arts I (Y) – 11th
- 3-Career Internship (S – 2 periods) – 12th

Human Services - Early Childhood Development

- 1-Introduction to Family & Consumer Science (Y) – 9th
- 2-Human Growth & Development (S) – 10th
- 2-Family Studies (S) – 10th
- 2-Foundations to Early Childhood Development (Y) – 11th
- 3-Career Internship (S – 2 periods) – 11th

Automotive Technology

- 1-Introduction to Automotive Technology (S) – 10th
- 2-Automotive Technology I (Y) – 11th
- 3-Automotive Technology II (Y) – 12th

Finance - Business Finance

- 1-Business Essentials (S) – 9th
- 2-Accounting (Y) – 10th
- 2-Entrepreneurship (S) – 11th
- 3-Advanced Accounting (Y) – 11th

Manufacturing – Production

- 1-Introduction to Industrial Technology (S) – 9th
- 1-Drafting & Production Blueprint Reading (S) – 9th
- 2-Drafting/CAD (Y) – 10th
- 3-Drafting/CAD Techniques & Design (Y) – 11th
- 3-Research & Design for Manufacturing (Y) – 11th

Architecture – Construction & Design

- 1-Introduction to Industrial Technology (S) – 9th
- 1-Drafting & Production Blueprint Reading (S) – 9th
- 2-Drafting/CAD (Y) – 10th
- 2-Architectural Design (Y) – 11th
- 3-Research & Design for Architecture (Y) – 12th

Arts, A/V & Communication – Digital Media

- 1-Business Essentials (S) – 9th
- 1-Computer Applications (Y) – 9th
- 1-21st Century Journalism (S) – 9th
- 1-Photo Imaging/Photojournalism (S) – 9th
- 2-Audio/Video Production/Video I (S) – 9th
- 2-Graphic Design (Y) – 10th
- 3-Digital Media Design & Production/Yearbook (Y) – 10th
- 3-Advanced Video Broadcast (Y) – 9th

Education & Training - Teacher Training

- 1-Introduction to Family & Consumer Science (Y) – 9th
- 2-Human Growth & Development (S) – 10th
- 2-Lifespan Development (S) – 10th
- 2-Teaching as a Career (Y) – 10th
- 2-Family Studies (S) – 10th
- 3-Teaching Internship (Y) – 11th

Human Service - Fashion, Apparel, Interior Design

- 1-Introduction to Family & Consumer Science (Y) – 9th
- 2-Essentials of Fashion, Apparel & Interior Design (S) – 10th
- 2-Fashion Trends (S) – 10th
- 2-Apparel Production I (S) – 10th
- 3-Career Internship (S – 2 periods) – 11th

LEAVENWORTH HIGH SCHOOL Concurrent Enrollment/Advanced Placement® Course Information

MAKING A DECISION

Deciding whether to take advantage of dual-enrollment opportunities, Advanced Placement (AP®) testing, or both can be a challenging decision for students and parents. The LHS Dual-Enrollment/Advanced Placement table outlines which LHS courses are offered for dual-enrollment, which are AP®, and which are both.

Definitions:

Dual-enrollment - Dual-enrollment means that a student is dual enrolled in high school and a college/university. To receive college credit through dual-enrollment, a student must pay tuition to the university for the course, generally each semester. Students must be sophomore, junior or senior status or a freshman student with a gifted IEP.

Advanced Placement (AP®) - AP® courses offer students (grades 9-12) an opportunity to take rigorous college-level courses while in high school with the potential to achieve college credit or qualify for more advanced classes when they begin college. To achieve college credit for an AP® course, students must earn a passing score (score range 1-5) on an AP® exam scheduled each May. Each college/university has its own credit policy for AP® courses.

The following considerations are important in formulating a sound decision:

- Check with the admissions department of the college/university you plan to attend to see if dual-enrollment credits will transfer, as well as how AP® exam scores are handled (how each university handles AP® credit can be examined at www.collegeboard.com/ap/creditpolicy).
- The college major you plan to pursue may affect your decision as well. Check the requirements of your college major.
- There is always value in taking challenging courses even if students/parents decide not to invest in dual-credit options or Advanced Placement testing. Assuming you do well in the course, your admissions/scholarship applications are always strengthened by taking AP® and dual-enrollment courses even if you are not paying to earn credit through one program or the other.

DUAL-ENROLLMENT INFORMATION

- To enroll in dual-enrollment courses, students must first complete the online application process at apply.kckcc.edu. Successful completion of this step will generate a student ID number to be used for the enrollment procedure.
- Students who do not already have a qualifying ACT score (18+ in reading and English, and 21+ in math) must take the AccuPlacer test to meet the course placement score requirements. Student may take the AccuPlacer test at LHS or at the Pioneer Career Center, 2001 Spruce St., Leavenworth. Students will need their KCKCC student ID number to take the AccuPlacer test.
- Students and parents must complete the KCKCC High School Concurrent Enrollment Form. These forms are available from the student's counselor and/or may be obtained from their specific concurrent-enrollment teacher.
- Completed first-semester KCKCC concurrent enrollment forms are to be turned into the concurrent enrollment teacher or to the LHS Guidance Office by August 31. The deadline for second-semester forms will be announced at a later date.
- Fees for concurrent enrollment courses are \$87 per credit hour. Contact KCKCC for billing deadlines and questions.
- Fees for courses can be paid online through KCKCC's Self Service portal at www.kckcc.edu. Fees may also be paid at Pioneer Career Center, or mailed directly to KCKCC (payment by check only).
- Concurrent enrollment forms will be processed by your guidance counselor.
- Additional information for the concurrent enrollment program is available at: <http://www.kckcc.edu>.
- You may also contact your guidance counselor or the course teacher if further information is needed.
- In addition to concurrent enrollment courses offered at Leavenworth High School, students may pursue dual credit options through other post-secondary institutions. They must obtain approval from their counselor and the building principal (paperwork is available in the guidance office) to enroll in a course or program. A three credit hour college class equals 0.5 high school credit. A five credit hour college class equals 1 high school credit.

REGISTERING TO TAKE AP® EXAMS

- Because of significant changes by CollegeBoard for the 2024-25 school year, sign-ups for AP® exams will begin shortly after the start of school, with a deadline in November. Exam fees for the upcoming school year are currently unavailable; however, the fee for each exam in 2023-24 was \$97.00. As long as funds are available, there is no fee for students receiving free/reduced lunch. Exam orders and fees are due to the LHS Bookkeeping Office.
- Students with disabilities may be eligible for accommodations on AP® exams. If you are a student with a documented disability through an IEP or Section 504 Plan, see your school counselor early in the school year to complete necessary paperwork. January 2025 is the final submission deadline for accommodation requests. This process takes time, so speak to your student's counselor well in advance of this deadline.
- Students receive a score of 1-5 on the exam. Colleges and universities handle credit and placement policies differently for AP® exams. Students/parents should visit www.collegeboard.com/ap/creditpolicy to review the credit and placement policies of nearly 1,000 colleges and universities.
- Get additional information concerning the AP® Program, exams, exam schedules, etc. at <http://www.collegeboard.com/apstudents>. Students can also get information from their AP® teacher or Mrs. Shepard, LHS AP® Coordinator.

2024-25

CONCURRENT ENROLLMENT/AP COURSE INFORMATION

LHS COURSE NAME	TYPICAL GRADE-LEVEL	CONCURRENT-ENROLLMENT COURSE THROUGH KCKCC?	KCKCC COURSE NAME/CREDIT HOURS	ADVANCED PLACEMENT COURSE?	AP EXAM DATE
ENGLISH					
AP Language & Composition	11	No		Yes	TBA
English Composition I/II	12	Yes	1st Sem - ENGL0101 English Composition I/3 Credit Hours 2nd Sem - ENGL0102 English Composition II/3 Credit Hours	No	
AP Literature & Composition	12	No		Yes	TBA
FINE ARTS					
AP Art History	11/12	No		Yes	TBA
AP Art & Design	12	No		Yes	TBA
MATHEMATICS					
AP Pre-Calculus	11/12	No		Yes	TBA
AP Calculus AB	11/12	No		Yes	TBA
College Algebra	11/12	Yes	2nd Sem - MATH0106 College Algebra/3 Credit Hours (Enrollment 2nd sem for students who earned an A or B 1st sem)	No	
SCIENCE					
AP Biology	11/12	No		Yes	TBA
AP Chemistry	11/12	No		Yes	TBA
AP Physics 2	11/12	No		Yes	TBA
SOCIAL STUDIES					
AP European History	9/10	No		Yes	TBA
AP World History	10/12	No		Yes	TBA
AP United States History	11	Yes	1st Sem - Hist0104 United States to 1877/3 Credit Hours 2nd Sem - Hist0105 United States since 1877/3 Credit Hours	Yes	TBA
AP US Government & Politics	12	No		Yes	TBA
AP Psychology	12	No		Yes	TBA
Drafting					
Drafting CAD	9/12	Yes	1st Sem - ENGR0106 Computer Aided Drafting/3 Credit Hours 2nd Sem - ENGR0154 Pictorial Drawing/2 Credit Hours (9th grade students must have a gifted IEP to enroll for college credit)	No	
Techniques & Design	10/12	Yes	1st Sem - ENGR0151 Drafting Technology/3 Credit Hours 2nd Sem - ENGR0152 Fundamentals of Parametric Modeling/ 4 Credit Hours	No	
Architectural Design	10/12	Yes	1st Sem - ENGR0251 Fundamentals of Building Planning/ 3 Credit Hours 2nd Sem - ENGR0260 Advanced Drafting/4 Credit Hours	No	
Research & Design in Architecture	10/12	Yes	1st Sem - ENGR0262 Commercial Building Planning/4 Credit Hours 2nd Sem - ENGR0281 Drafting Field Project I/3 Credit Hours	No	
Research & Design in Manufacturing	10/12	Yes	1st Sem - ENGR0257 Fundamentals of CAD Technologies/ 3 Credit Hours 2nd Sem - ENGR0281 Drafting Field Project I/3 Credit Hours	No	



KANSAS BOARD OF REGENTS

Kansas Scholars Curriculum & State Scholar Quick Facts

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

What are the other requirements to become a State Scholar?

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

KANSAS SCHOLARS CURRICULUM

English - 4 years

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

Mathematics - 4 years

Algebra I, Algebra II, Geometry, and one unit of advanced mathematics-- suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable; the student would then only need three years of math in high school.

Science - 3 years

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

Social Studies - 3 years

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

World Language - 2 years

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

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 29 and an average GPA of 3.92. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at (785) 430-4300 or at scholars@ksbor.org.



Qualified Admissions

High School Graduates Academic Year 2022-2023 and After

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

ACCREDITED HIGH SCHOOL

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

ESU, PSU, FHSU, & WSU:

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

K-State:

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

KU:






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

ALL Institutions Require:

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

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

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

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

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

HOMESCHOOL & UNACCREDITED HIGH SCHOOL

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

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

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



Pioneer Career Center



Leavenworth - KCKCC
1901 Spruce • Leavenworth, KS 66048



Enhanced Curricular Opportunity

Leavenworth High School is partnering with Kansas City Kansas Community College to create the Pioneer Career Center. The Pioneer Career Center is housed in what was formerly West Intermediate School, and is open to interested Juniors and Seniors beginning in August of 2015. The Pioneer Career Center gives LHS students the opportunity to explore career paths in a hands-on environment while earning college credit. Credits earned at the Pioneer Career Center may be used toward an Associate's Degree at KCKCC or other accepting institutions.

Benefits

- LHS students will receive free tuition (although some programs may have additional costs for materials or uniforms)
- Earn College Credit that may be used towards an Associate's Degree at KCKCC or other accepting institutions
- Explore different career paths and interests not normally available to high school students
- Learn technical skills in a hands-on environment
- Earn necessary certifications for various career paths
- Secure opportunities for employment and apprenticeships
- Gain practical experience while still in high school



Eligibility

This program is open to LHS Juniors and Seniors, as well as other high school students in the surrounding community, who are on track for graduation. Enrollment requires approval by both the home high school and Pioneer Career Center.

Enrollment

LHS Students: Guidance Counselors will be available to assist with the enrollment process. Contact the LHS Guidance Office at (913)-684-1550.

KCKCC PIONEER CAREER CENTER

KCKCC Pioneer Career Center gives students the opportunity to explore various career paths in a hands-on environment while earning college credit. Credits earned at the Pioneer Career Center may be used toward an Associate Degree at KCKCC or other accepting institutions.

PROGRAMS

Baking

The Baking program prepares individuals to serve as professional bakers and pastry specialists in restaurants or commercial baking establishments.

Certified Medication Aide

This course is designed that through academic training the student will be able to pass certain medications in the long-term care (LTC) community under the supervision of a Licensed Nurse.

Certified Nursing Assistant

The CNA course will teach basic nursing care skills and concepts needed for the student to function as a nurse's aide. This course is authorized by the state of Kansas and upon completion, allows the student to sit for the nurse aide certification examination.

Culinary Arts

Students will master the fundamental skills of food service in hotels, restaurants, hospitals, catering, etc. Opportunity to receive practical experience in food service preparation for public meetings and banquets.

Early Childhood Education and Development

Knowledge, skills and techniques gained in this program will assist you in becoming competent in the field of Early Childhood professions.

Electrical Technology

Students will develop basic electrical skills, technical knowledge and related occupational information to prepare for initial employment in the electrical trade.

Heating, Ventilation and Air Conditioning

HVAC is comprised of heating, ventilation, air conditioning, and refrigeration. Silver brazing, electrical and mechanical troubleshooting, and sheet metal techniques are also practiced. Program approved for EPA and R-401A refrigerant certification.



For more information or to enroll,
contact the KCKCC PCC Office
at 913-288-7750 or pion@kckcc.edu



DIVISION I ACADEMIC REQUIREMENTS

To study and compete at a **Division I school**, you must earn 16 NCAA-approved **core-course credits**, earn a minimum 2.3 **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

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

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or non-doctrinal religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

QUALIFIER

As a Division I qualifier, you may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division I school.

- » Earn 16 NCAA-approved core-course credits in the right areas.
 - Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.
 - Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
- » Earn a minimum 2.3 **core-course GPA**.
- » Submit your final transcript with proof of graduation to the Eligibility Center.

ACADEMIC REDSHIRT

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

- » Earn 16 NCAA-approved core-course credits in the right areas.
- » Earn a minimum 2.0 core-course GPA.
- » Submit your final transcript with proof of graduation to the Eligibility Center.

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



TEST SCORES

In January 2023, NCAA **Divisions I and II** adopted legislation to remove standardized test scores from initial-eligibility requirements. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

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

CORE-COURSE LIST

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

NONTRADITIONAL AND ONLINE COURSES

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

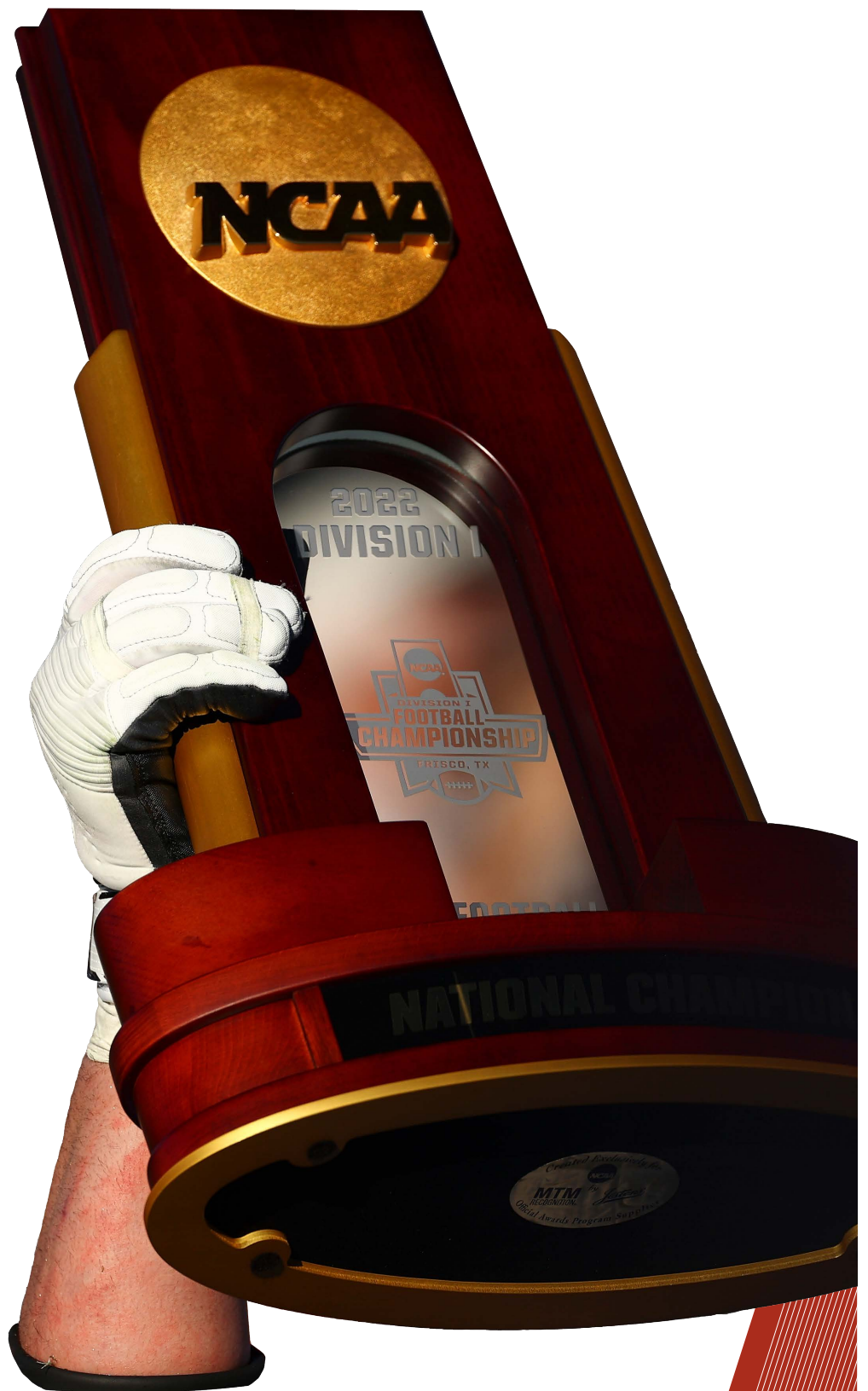
These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on [your school/program's list](#) of NCAA-approved core courses.

BE AHEAD OF THE GAME

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

ADDITIONAL RESOURCES

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



Want more information? Visit ncaa.org/playcollegesports.

CONTACT THE NCAA ELIGIBILITY CENTER

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

[@ncaaec](https://twitter.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports) [@ncaaec](https://www.facebook.com/ncaaec)

DIVISION II ACADEMIC REQUIREMENTS

To study and compete at a **Division II school**, you must earn 16 NCAA-approved **core-course credits**, earn a minimum 2.2 **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.

CORE-COURSE REQUIREMENTS

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

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, world language or nondoctrinal religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

QUALIFIER

As a Division II qualifier, you may practice, compete and receive an athletics scholarship during your first year of full-time enrollment at an NCAA Division II school.

- » Earn 16 NCAA-approved core-course credits in the right areas.
- » Earn a minimum 2.2 **core-course GPA**.
- » Submit your final transcript with proof of graduation to the Eligibility Center.

PARTIAL QUALIFIER

If you have not met all of the Division II academic standards, you will be deemed a partial qualifier. As a partial qualifier, you may practice and receive an athletics scholarship, but may NOT compete, during your first year of full-time enrollment at an NCAA Division II school.

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



 DIVISION II

MAKE IT YOURS

TEST SCORES

In January 2023, NCAA **Divisions I** and **II** adopted legislation to remove standardized test scores from initial-eligibility requirements. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

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

CORE-COURSE LIST

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

NONTRADITIONAL AND ONLINE COURSES

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

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

BE AHEAD OF THE GAME

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

ADDITIONAL RESOURCES

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

Want more information? Visit
ncaa.org/playcollegesports.



CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec): 877-262-1492

Monday-Friday, 9 a.m. to 5 p.m. Eastern time

[@ncaaec](https://twitter.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports) [@ncaaec](https://www.facebook.com/ncaaec)

Subject

English/Language Arts

(4 credits required for graduation of which 1 credit may be in Language Arts; 4 years of English courses recommended for college)

Course No: EN105
Length of Course: Year
Grade Level: 9
Prerequisites: None

Freshman English

Freshman English is designed in part to prepare students for mastery of state standards and admission to a university. This course includes the study of: literature, composition, the writing process, vocabulary, grammar, and other communication skills through lecture, oral and independent reading, cooperative learning, presentations and other assessments. Students will write narrative, persuasive, expository, and descriptive texts. Students will be assessed through unit tests and semester summative assessments.

Course No: EN155
Length of Course: Year
Grade Level: 9
Prerequisites: None

Freshman Honors English

Freshman Honors English is designed to prepare students for mastery of state standards and admission to a university. This course is distinguished from Freshman English by the instructional pacing and the delivery of advanced content. Students should carefully consider the extra time needed for this challenging course. Students will explore advanced language and composition including expository writing, literary and rhetorical analysis, and research techniques. MLA format is required for this class. Independent reading and research will be required. Oral presentations and alternate assessments will be frequent. Passing both semesters of a Freshman English course is required for graduation. (The instructional pacing and delivery of advanced content requires an additional time commitment for this challenging course.)

Course No: EN205
Length of Course: Year
Grade Level: 10
Prerequisites: None

Sophomore English

Sophomore English is the second of two English requirements for graduation. Building upon the foundations established in Freshman English, students will gain a broader world view through literature. Students will explore literary themes, improve writing skills, and become more accomplished speakers and listeners. Passing both semesters of a Sophomore English course is required for graduation.

Course No: EN255
Length of Course: Year
Grade Level: 10
Prerequisites: None

Sophomore Honors English

Sophomore Honors English is designed for highly-motivated students who want to develop a lifelong enjoyment of reading and learn to respond to multicultural literature. This course is distinguished from Sophomore English by the instructional pacing and the delivery of advanced content. Students should carefully consider the extra time needed for this challenging course. Students will examine literature from various countries and cultures, and develop written responses in expository and narrative essays. Students will be expected to employ good mechanics in writing and to progress in vocabulary development. The MLA style handbook is required for research papers. Students will conduct outside reading and complete quarterly novel projects. Students must pass both semesters of Sophomore English in order to graduate.

Course No: EN360
Length of Course: Year
Grade Level: 11
Prerequisites: None

Junior English

In this year-long course, students will study American literature. They will become familiar with authors, themes, and specific works of American literature. Students will write essays, create research projects, and use the six trait model to evaluate and improve their writing in multiple genres. Students will conduct oral presentations, participate in group work, and use analytical thinking skills. Students must pass both semesters of Junior English in order to graduate.

Course No: EN505
Length of Course: Year
Grade Level: 11
Prerequisites: None

AP English Language and Composition

This course is open to any Junior who desires a literary/linguistic challenge. The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. Students enrolling in this course are strongly encouraged to take the Advanced Placement Language and Composition exam which provides the opportunity to earn college credit. Students must pass both semesters of Junior English in order to graduate.

Course No: EN347
 Length of Course: Semester
 Grade Level: 12
 Prerequisites: None

Horror Fiction

Most of us enjoy a good ghost story, but what is really at the heart of our fascination with horror? This one semester course will trace the origins of Horror fiction and explore how this genre shapes and reflects our everyday lives. Writing will be focused on literary analysis, argumentative essays, and text analysis. Students will also craft shorter timed and more expansive essays, as well as participate in class discussions and activities.

Course No: EN348
 Length of Course: Semester
 Grade Level: 12
 Prerequisites: None

Sci-Fi/Fantasy Literature

This semester-long course will help students define, analyze, and interpret varying genres within Science Fiction and Fantasy through influential works, primarily through novels and short stories. Students will be expected to write creative short works of Science Fiction and/or Fantasy as well as complete essays on topics germane to the genre.

Course No: EN370
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: None

Creative Writing

Students will read writing samples of classical and contemporary literature and poetry, and will study literary devices used by a variety of authors. Emphasis will be on the writing process, especially in the following areas of creative writing: short story, poetry, children's literature and drama. Students will research different aspects of writing, including genre, manuscript form, and publishing. Students will also research and study different authors. Students will publish the school's literary magazine, Graffiti.

Course No: EN405
 Length of Course: Year
 Grade Level: 12
 Prerequisites: None

Senior English

Senior Survey is a year-long course that offers a variety of contemporary and world literature. A variety of genres studied include: non-fiction, satire, mystery, science-fiction, poetry and drama. Strategies to prepare students for successful post-secondary and lifelong reading will be implemented.

Course No: EN515
 Length of Course: Year
 Grade Level: 12
 Prerequisites: None

AP English Literature and Composition

This senior level course is both college prep and college equivalent. Students will develop the specific knowledge and skills necessary to pass the AP Exam as well as individual college placement exams. Students enrolling in this course are strongly encouraged to take the Advanced Placement Literature and Composition exam which will provide the opportunity to earn college credit. The emphasis of this course is analysis of classical and British literature. Due to the nature of the literature, most of the course will be devoted to poetry and drama.

Course No: EN435
 Length of Course: Semester
 Grade Level: 11,12
 Prerequisites: None

English Composition I

This course is designed to help students achieve language proficiency and write paragraphs and essays which demonstrate unity, coherence, and levels of usage appropriate to the topic, purpose, and audience.

Students may earn college credit hours through KCKCC if they meet the admission requirements. Fees will be paid to the university for three hours of credit in Composition I.

Course No: EN445
 Length of Course: Semester
 Grade Level: 11,12
 Prerequisites: None

English Composition II

Composition II is the second of two composition courses. A continuation of English Composition I, this course emphasizes research, bibliographic, and writing skills. Students write a minimum of four (4) graded documented essays in MLA format.

Students may earn college credit hours through the KCKCC if they meet the admission requirements. Fees will be paid to the university for three hours of credit in Composition II.

English as a Second Language

Course No: ESL12
 Length of Course: Year
 Grade Level: 9,10,11,12
 Prerequisites: Recommendation
 of Teacher or Counselor

This course is designed for students who are not native speakers of English. Students will learn to communicate in English by reading, writing, and speaking. Standard American English will be presented as well as informal expressions. Practical English skills will also be taught. Each student should have a bilingual dictionary.

Argumentation & Debate

Course No: LA112
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: A or B Average
 English, High Verbal Aptitude
 -OR- Consent of Instructor

Argumentation & Debate develops communication skills, critical thinking, and the ability to serve as an advocate in a democratic society. Students research a topic and will learn the processes of creating an effective argument for and against a resolution. Students will learn in-depth critical thinking. This class will prepare students for competitive debate. Some aspects of the class include independent research to prepare debate arguments. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit.)

Competitive Debate

Course No: LA212
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: C or better in LA112
 -OR- Formative Assessment given
 by Instructor
 -Must be KSHSAA eligible

This course offers intense study of the current season's policy debate topic, with the aim of preparation for interscholastic debate on the topic. This concentration focuses on practice debating, discussion of debate rounds, topic analysis, as well as advanced debate theory. Competitive Debate is a co-curricular class in which students research, prepare, and compete, using time and resources outside of the school day. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit.)

Speech

Course No: LA121
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: A or B Average
 English, High Verbal Aptitude
 -OR- Consent of Instructor

This course is designed to offer the novice speaker a number of opportunities to organize and prepare public speaking assignments. Students will have the opportunity to speak one on one, to themselves (intrapersonal Communication), and to a live audience. Students will learn about the important role of Communication in our lives, the communication model, spatial relationships, delivery styles, interviewing styles, and the effectiveness of language, gestures, and organization techniques. (This course does NOT satisfy an English credit. Satisfies one half Language Arts credit.)

Subject

Fine Arts (1 credit required for graduation)

Art

Course No: FA102
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Introduction to Two Dimensional Art

This course introduces students to two dimensional media and methods used to produce art, i.e. drawing, painting, and print-making. Emphasis will be given to the elements and principles of design as they apply to the two dimensional format. Students will create a foundation of artistic thinking and problem-solving.

Course No: FA103
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: None

Introduction to Three Dimensional Art

This course introduces students to three dimensional media and methods used to produce art, i.e. sculpture, ceramics, and installation work. Emphasis will be given to the elements and principles of design as they apply to the three dimensional format. Students will create a foundation of artistic thinking and problem-solving.

Course No: FA201
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: B or better in FA102
-OR- Portfolio of 10 images with artist statement
-AND- Consent of Instructor

Advanced Two Dimensional Art

This class will build upon the skills obtained in Intro to 2D Art. Students will strive to create gallery worthy work in a more independent direction. Coursework will emphasize participation/effort/time management, craftsmanship/use of materials, creative expression, planning/reflecting, project visual outcome and portfolio development.

Course No: FA301
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: B or better in FA103
-OR- Portfolio of 10 images with artist statement
-AND- Consent of Instructor

Advanced Three Dimensional Art

This course introduces students to three dimensional media and methods used to produce art, i.e. sculpture, ceramics, and installation work. Students will be assessed on participation, effort/time management, craftsmanship/use of materials, creative expression, planning/reflecting, project visual outcome and portfolio development.

Course No: FA501
Length of Course: Year
Grade Level: 11,12
Prerequisites: None

AP Art History

This course is designed for the student who has a particular interest in art and the historical evolution of art. This course will cover the historical development of art prehistory to contemporary time. Topics such as cultural influences, iconography, and style as well as material and methods will be discussed.

Course No: FA502
Length of Course: Year
Grade Level: 11,12
Prerequisites: B or better in FA102, FA103
FA201, FA301
-OR- Portfolio of 15 images with artist statement
-AND- Consent of Instructor

AP Art & Design

This year-long course is designed for the student who has an exemplary interest in art. Emphasis will be on the personal growth as an artist through research, experimentation, discovery, inventive thinking and art-making, and problem solving in their work. Students will build their portfolio for review of college-level art programs.

Music

Course No: FA131
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: B or better in previous semesters if enrolling for additional semesters -OR- Consent of Instructor

Mixed Choir (Semester)

The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part-singing, and musical interpretation.

Course No: FA231
 Length of Course: Year
 Grade Level: 9,10,11,12
 Prerequisites: Audition,
 -AND- Consent of Instructor
 -Must be KSHSAA eligible

Mixed Choir (Year/Audition)

The aim of this course is to stress proper techniques, vocal score interpretation, and performance disciplines. The course is designed to familiarize the student with performance in a choral setting. Emphasis is placed on choral reading skills, part singing, and musical interpretation. The Mixed Choir performs in a minimum of two concerts each year. Attendance is required at performances.

Course No: FA331
 Length of Course: Year
 Grade Level: 11, 12
 Prerequisites: Audition
 Academic Eligibility
 -AND- Consent of Instructor
 -Must be KSHSAA eligible

A Cappella Choir

This class performs traditional choral literature. Studies in musical styles of the Renaissance, Baroque, Classical, Romantic, and Contemporary Periods are included. Some foreign language diction is studied including Latin, Italian, French, and German. There will be at least one major public performance each semester. Attendance is required at performances. A significant amount of literature studied will be unaccompanied. This course seeks to develop the most refined possible musical skills in the individual.

Course No: FA431
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: Audition
 Academic Eligibility
 -AND- Consent of Instructor
 -Must be KSHSAA eligible

Show Choir

Show Choir, also known as the Leavenworth High School Power and Life Company, emphasizes public performance. Students are expected to be highly motivated in singing and dancing and personality projection. Modern music in popular styles is studied and performed, with special emphasis given to Broadway and show music. The Power and Life Company is highly visible in the community through its numerous performances. Attendance at performances is required.

Course No: FA141
 Length of Course: Year
 Grade Level: 9,10,11,12
 Prerequisites: Successful Completion of an Intermediate Level Band Program
 -OR- Consent of Instructor
 -Must be KSHSAA eligible

Senior High Band

First semester is Marching Band, which is a performance-oriented course that allows students to study music and movement. The band supports the football team through performances at home football game and the community in local parades. Students also have the opportunity to perform at several marching competitions. After marching season is complete, marching band students will give one concert as a Concert Band and students will perform at first semester basketball games. Attendance at all performances is mandatory and is an important factor in grading. Second semester Concert Band is a performance-oriented course that allows students to study music in several capacities. Included are pep band, solos, and large and small ensembles. Students will be asked to perform at basketball games during the second semester, and band concerts and festivals. Attendance at all performances is mandatory and is an important factor in grading.

Course No: FA241
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: Must be enrolled in Senior High Band
 -AND- Audition for Director

Jazz Band

Jazz Band is a performance oriented course. Students will study various styles of jazz literature and perform at several events throughout the year. Attendance at all performances is mandatory and is an important factor in grading.

Course No: FA251
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: None

Music Appreciation

Music Appreciation is the study of the history and literature of music. Great composers and their music are studied; musical styles of the past and present are examined. This course is highly recommended for students planning to pursue a career in music.

Drama

Course No: FA111
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: None

Acting

This active course is an introduction to the art of acting. Students will be exposed to a variety of theater based activities that will promote both confidence, self-awareness, and collaboration with peers. Units will be taught on: creative drama, monologue, duet scene, history of drama, stage terminology, and more!

Course No: FA121
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: None

Forensics

Interscholastic competition is a part of this course. Individual preparation of various phases of speech and drama work is required. The goal of the course is to develop skills in acting; enhance presentation skills, research skills, organization, public speaking skills, and build self-confidence. There will be some emphasis on dramatic interpretation of duet acting, prose, poetry, and improvisation. Students must attend at least two tournaments.

Course No: FA221
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: None

Stagecraft

This hands-on & project based course focuses on behind-the-curtain aspects of designing, creating, and presenting a theatrical production. The students will learn technical theater techniques in set design and construction, scenic painting techniques, stage lighting, sound design, and more! Students will utilize their knowledge learned throughout the course to assist with the school's current theatrical production.

Course No: FA312
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: FA111, application,
 -AND-Consent of Instructor

Advanced Drama

This course's primary focus will be on the understanding and development of the character through thorough investigation of renowned acting techniques from Chekhov, Meisner, Bogart, Stanislavski, and more. Students will analyze plays looking for understanding of character, begin working on directing techniques, and develop and refine their improvisational skills.

Course No: FA322
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: FA221, application,
 -AND-Consent of Instructor

Advanced Technical Theatre

Students in Advanced Technical Theatre will create designs in set, lighting, costume, sound, makeup, hair, and properties. Students will then implement those designs for the Leavenworth High School Theatre Productions. Additional exploration and training in stage management, playwriting, directing, and public relations will also be offered. Additional exploration and training in stage management, playwriting, directing, and public relations will also be offered.

Course No: FA411
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: Audition
 -AND- Consent of Instructor

Repertory Theatre

LV Repertory Theater is an audition class that forms a production company. This class provides students opportunities to master the arts of acting, directing, and designing. Students will be expected to perform at high levels of professionalism as they perform multiple shows throughout the year that are presented to the general public in evening performances. This class also includes mastery of improvisational skills with students competing our Improv Team.

Journalism

(Please note that journalism courses can be a fine arts or language arts course. See the course number for guidance.)

Course No: FA261
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

21st Century Journalism/Introduction to Mass Media

21st Century Journalism is a technical level course in journalism. Topics include the study of communications and media, interviewing, writing, and storytelling using the Associated Press style. Students also study ethical and legal issues related to mass media. Students will research topics, interview peers and staff, and write news and feature stories. (This class is a prerequisite for Yearbook/Digital Media Design and Production.)

Course No: FA272
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Digital Media Technology

Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include the study of typography, photography, color theory, podcasting and design principles. Students will create multimedia projects while learning workflow, time management and essential communication skills. (This class is a prerequisite for Yearbook/Digital Media Design and Production.)

Course No: LA316
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: B or better in FA261 or FA272
-AND- Consent of Instructor

Digital Media Design and Production (Yearbook)

Yearbook is an advanced level course in journalism and requires pre-approval from instructor for enrollment. Students will use what they learned in 21st Century Journalism to create the school yearbook. Students will be held accountable for meeting deadlines and working as part of a production team and take part in interviewing, researching, photography, page design activities, and writing using the Associated Press style. This class requires a significant contribution outside of the scheduled class time to attend school events for assignments.

Course No: LA317
Length of Course: Semester or Year
Grade Level: 10,11,12
Prerequisites: A in FA261, FA272, or FA281
-AND- Consent of Instructor

Journalism Project Management

Journalism Project Management is an advanced level course in journalism and requires pre-approval from the instructor for enrollment. This course will provide students the opportunity to research topics in journalism and create a digital, semester-long project which culminates with a digital portfolio of skills and experiences. Students will present their portfolio to a committee for review at the end of each semester they are enrolled in the course. Students will work independently to develop plans, identify resources and schedules, develop quality control and progress monitor.

Course No: FA281
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Video Broadcast I

Video Broadcast I is a technical level course in journalism. It introduces students to the basics of producing broadcast style news and feature stories using audio and video. Topics include a study of pre-production, production and post-production processes. Students will learn to use Adobe Premiere to edit video productions. This course is a prerequisite for Advanced Video Broadcast.

Course No: FA382
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: B or better in FA281,
-AND-Consent of Instructor

Advanced Video Broadcast

Advanced Video Broadcasting is an advanced level course in journalism and requires approval from the instructor for enrollment. Students will use what they learned in Video Broadcasting I to create the school video broadcast program, Pioneer TV. Students will be held accountable for meeting deadlines and working as part of a production team. Students will take part in interviewing, capturing audio and video, editing, and producing. This class requires a significant contribution outside of the scheduled class time to attend school events for assignments.

Subject Math

(3 credits required for graduation; at least Algebra I or its equivalent, Geometry, and Algebra II recommended for college)

****Please note, if a student fails a semester of a course, it is recommended the student repeats the course in its entirety. See your counselor for an explanation.****

Course No: MA118
Length of Course: Year
Grade Level: 9,10
Prerequisites: Teacher
recommendation for Freshmen
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Algebra Essentials

Students will be placed in this course based on teacher recommendation. Students will deepen and extend their understanding of linear and exponential relationships. Students engage in methods for analyzing, solving, and using linear and quadratic functions. Critical areas include modeling situations using expressions, equations and inequalities; analyzing and explaining the process of solving an equation or inequality; exploring various ways of representing functions that involve exponents and roots, performing operations on and simplifying polynomials.

Course No: MA125
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: Teacher
recommendation for Freshmen
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Algebra I

Students will deepen and extend their understanding of linear and exponential relationships. Students engage in methods for analyzing, solving, and using linear and quadratic functions. Critical areas include modeling situations using expressions, equations and inequalities; analyzing and explaining the process of solving an equation or inequality; exploring various ways of representing functions that involve exponents and roots, performing operations on and simplifying polynomials.

Course No: MA235
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: MA125
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Geometry

In this course, students develop inductive and deductive reasoning skills. The goal of this course is to extend and formalize students' geometric experiences by exploring more complex geometric situations and to improve their explanations of geometric relationships, moving toward formal mathematical arguments. Critical areas include geometric vocabulary, transformations, triangle congruence, similarity, and geometric relationships such as right triangle trigonometry; properties of special triangles and quadrilaterals; and theorems involving circles, segments, and angles.

Course No: MA240
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: B or better in MA125
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Honors Geometry

This course covers the topics in the Geometry course in greater depth, and adds 3-D views and cross-sections of solids, geometric probability, and coordinates in 3-D. Emphasis is given to theory underlying mathematical concepts and more challenging problems are included. The course is designed for students who possess a high interest in mathematics and plan to enroll in advanced mathematics courses. We are developing the skills needed to be successful in AP or college mathematics courses, so students can expect homework assignments to require work outside of class time after every class.

Course No: MA345
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: MA235
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Algebra II

This course builds on geometry and basic algebra, and introduces topics in probability and statistics. Students extend their understanding of polynomial, quadratic and exponential functions and their applications to include rational equations and quadratic equations over the set of complex numbers, and learn to solve exponential equations using the properties of logarithms. Students are introduced to sequences and series and find probabilities using combinations & permutations. Students must have a graphing calculator for this course.

Course No: MA303
Length of Course: Year
Grade Level: 11, 12
Prerequisites: MA235

Consumer Mathematics

This course is designed to improve the math skills needed to be an effective and efficient consumer in today's society. Topics will include the mathematics of personal income, buying a car and related expenses, purchasing various types of insurance, housing, unit pricing, discounts and mark-ups, banking, budgeting, investments, and taxes.

Course No: MA355
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: B or better in MA240 or
A in MA235
-OR- Teacher Recommendation
Highly Recommended: TI -83, TI-84
or TI-Inspire graphing calculator

Honors Algebra II

This course covers the topics in the Algebra II course in greater depth and explores some topics of trigonometry. Emphasis is given to theory underlying the mathematical concepts and more challenging problems are included. This course is designed for students who possess a high interest in mathematics who plan to enroll in advanced mathematics courses during subsequent high school years. We are developing the skills needed to be successful in AP or college mathematics courses, so students can expect homework assignments to require work outside of class time after every class.

Course No: MA401
 Length of Course: Year
 Grade Level: 11, 12
 Prerequisites: MA345 and Teacher Recommendation
 -OR- C or better in MA355
 Highly Recommended: TI-83, TI-84 or TI-Inspire graphing calculator

College Algebra

College Algebra includes analysis and graphing of functions, including constant, linear, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; and solving equations and inequalities, including polynomial equations, exponential equations, logarithmic equations, and systems of linear equations and inequalities. Students will be expected to use appropriate technology as one tool to achieve competency in College Algebra.

Students may earn college credit through KCKCC if they meet the admission requirements. Fees will be paid to the college for three semester hours of credit in College Algebra in the spring.

Course No: MA436
 Length of Course: Year
 Grade Level: 10, 11, 12
 Prerequisites: C or better in MA355
 -OR- MA345 and Teacher Recommendation
 Highly Recommended: TI-83, TI-84 or TI-Inspire graphing calculator

AP Precalculus

MODELING REAL-WORLD DATA Students will apply the mathematical tools they acquire in real-world modeling situations. By examining scenarios, conditions, and data sets and determining and validating an appropriate function model, they gain a deeper understanding of the nature and behavior of each function type. **EXPLORING MULTIPLE REPRESENTATIONS** Students will examine functions through multiple representations. They will gain a deeper understanding of functions by examining them graphically, numerically, verbally, and analytically. **MASTERING SYMBOLIC MANIPULATION** Students will develop rigorous symbolic manipulation skills needed for future mathematics courses. They learn that a single mathematical object can have different analytical representations depending on the function type or coordinate system, and that the different analytical representations reveal different attributes of the mathematical object. **HARNESSING A DYNAMIC WORLD** Students will engage in function building that reflects not a static view of things but one that embodies how things change. Every function representation characterizes the way in which values of one variable simultaneously change as the values in another variable change. This understanding of functions and their graphs as embodying dynamic covariation of quantities prepares students to tame an ever-changing world.

Course No: MA505
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: MA436
 Highly Recommended: TI-83, TI-84 or TI-Inspire graphing calculator

AP Calculus AB

This course is designed to develop the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Students completing this course will study the conceptual foundation of limit, slope of a tangent line, and rate of change; derivatives of algebraic, trigonometric, exponential and logarithmic, and inverse functions; maximum and minimum values; definite and indefinite integrals; applications of integration to determine areas between curves and volumes of solids, solving separable differentiable equations. Students will be prepared to take the Advanced Placement Calculus AB Exam given during the spring semester.

Course No: MA515
 Length of Course: Year
 Grade Level: 12
 Prerequisites: B or better in MA355
 -OR- C or better in MA436
 Highly Recommended: TI-83, TI-84 or TI-Inspire graphing calculator

AP Statistics

The AP Statistics course is a non-calculus based introduction to statistics, which exposes students to four broad conceptual themes.

1. Exploring Data: Describing patterns and departures patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Group projects will provide an opportunity to apply the statistical techniques studied. An interdisciplinary approach will be cultivated as students apply statistical models to other disciplines while learning to effectively communicate with appropriate statistical language through both oral and written expression. Students will be prepared to take the Advanced Placement Statistics Exam given during the spring semester.

Students may earn college credit through KCKCC if they meet the admission requirements. Students may enroll for college credit in the spring. Fees will be paid to the college for three semester hours of credit in Statistics.

Subject

Physical Education (2 credits to include .5 credit of Health required for graduation; at least 3 years recommended for healthy living)

****PE during the freshman year and Health are required by the Kansas State Board of Education**
(ROTC may be substituted in subsequent years)**

Course No: PE116 (Boys), PE117 (Girls)
Length of Course: Semester
Grade Level: 9
(Required by the Kansas State Board of Education.)

Boys/Girls Health

One semester is devoted to Healthy Living concepts as they pertain to the student's daily lives. Subjects include: Human Sexuality/AIDS Education (as per State Mandate); Nutrition; Substance Abuse; Mental Health; and Stress Management. Successful completion of this course is required for graduation.

Course No: PE201
Length of Course: Semester
Grade Level: 9,10,11,12

Lifetime Fitness & Wellness

This course is designed for students who would like to learn how to stay fit after high school. Students will learn the importance of staying active and how to avoid a sedentary lifestyle because obesity is an American epidemic. Activities will include: aerobics, weight lifting, short and long-distance running, cardiovascular equipment, strength bands, exercise balls, core strength, upper and lower body strength, circuit training, etc.

Course No: PE203
Length of Course: Semester
Grade Level: 9,10,11,12

Walking for Fitness

Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle which will include the State and National components of fitness. The course is appropriate for students of varying fitness abilities and to acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. A variety of instructional information and teaching strategies adaptable for classroom use is also provided. Course assignments encourage participants to integrate specific national standards and state standards for physical education. Objectives for each lesson are modeled around standards-based learning as identified by the Kansas State Department of Education. Personal fitness and nutrition assessments will guide students to design programs to meet their individual fitness goals.

Course No: PE211
Length of Course: Semester
Grade Level: 9,10,11,12

Racket & Individual Sports

Racquet and Individual Sports will target students who prefer individual sports to team sports. Activities may include lifelong sports, such as badminton, tennis, golf/9isbee Golf, archery, pickle ball, horseshoes, orienteering, bowling, and ping pong.

Course No: PE221
Length of Course: Semester
Grade Level: 9,10,11,12

Team Sports

Team Sports is offered for those 9eshmen and sophomore students who enjoy participating on a team. This class focuses on teamwork, strategy, problem solving, rules of the game, and etiquette. Activities may include volleyball, basketball, softball, flag football, soccer, team handball, speedball, Ultimate 9isbee, and hockey.

Course No: PE241
Length of Course: Semester
Grade Level: 9,10 or 11,12 who hasn't had a prior conditioning class
Prerequisites: Participation in a sport, cheerleading, ROTC Raiders, or powerlifting team -OR-PE201

Sports Conditioning

This course emphasizes aspects of fitness that relate to improving athletic performance for highly motivated students. Improvement in speed, power, and strength will be a priority. Use of 9ee weights and explosive Olympic-style lifting will be employed. Reducing the risk of athletic injury will also be emphasized. Participation in after-school workouts (for out-of-season students) will be expected.

Course No: PE245
Length of Course: Semester
Grade Level: 11,12
Prerequisites: PE241, Participation in a sport, cheerleading, ROTC Raiders, or powerlifting team
-AND-Consent of Instructor

Advanced Sports Conditioning

Advanced Sports Conditioning is designed to continue the strength and athletic development of our junior and senior varsity athletes. This course emphasizes aspects of fitness that relate to improving athletic performance for highly motivated students. Improvement in speed, power, and strength will be a priority. Use of 9ee weights and explosive Olympic style lifting will be employed. Reducing the risk of athletic injury will also be emphasized. Participation in after school workouts (for out of season students) will be expected.

Subject

Practical Arts

(.5 credit required for graduation; Computer Technology recommended for college)

Business

Course No: CT207
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: None

Computer Applications

Through this course students will receive a brief review of proper keyboarding technique and move into proper document formatting. Students will use word processing, spreadsheet, presentation software, and Internet applications over the course of a full year. Students will learn how to use basic and advanced features of both Google products and Microsoft Office. They will explore advanced software programs. Time will be spent investigating careers related to the computer industry.

Course No: CT222
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: C or better in CT207
-AND- Consent of instructor for 9th graders

Graphic Design

Graphic Design courses emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Graphic Design courses may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.

Course No: CT231
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: C or better in CT207

Web Design

Through this class, students will learn how to design userfriendly web pages that are both functional and interactive. Students will begin by learning HTML coding and then use web authoring software to develop projects.

Course No: CT331
Length of Course: Year
Grade Level: 11,12
Prerequisites: C or better in CT221 or CT231

Game Design & Authoring for the Web

Students will learn the basic principles of game design and build simple games using game design software. They will also learn how to incorporate the games into a web site.

Course No: CT447
Length of Course: Year
Grade Level: 12
Prerequisites: B in CT221, submit portfolio, interview
-AND- Consent of Instructor

Web and Digital Communication Project Management

This course provides students with work experience in fields related to Computer Graphics. Students will work directly with internal and external clients to fulfill workplace requirements. This course will include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Pre-requisite-Students must complete all of the following: Computer Graphics (grade of B or higher), portfolio, and interview.

Course No: BU103
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Business Essentials

This introductory semester-long course introduces students to the world of business and helps set a foundation for high school, college, and career. The study skills aspect of the course covers organization, time management, improving reading for comprehension, note-taking skills, and more. The business units help students acquire sound values and acceptable attitudes regarding their personal lives and on-the-job success. Students will be engaged in teamwork, presentations, computer-related activities, and current events while learning the following topics: today's economy, business ownership, career exploration, getting and keeping a job, how to be a wise consumer, managing money, understanding banking and credit, and types of insurance. The knowledge obtained in this class is practiced and reinforced throughout the course and is transferable to other courses as well as everyday life. (This course is primarily designed for freshman and sophomore students interested in future business pathway courses).

Course No: BU201
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: C or better in MA125

Accounting I

This course provides students with an understanding of the financial transactions of a business and enables them to record, present, and interpret these transactions necessary as a consumer of goods and services. Occupations available to the high school graduate that require a knowledge of accounting include accounting clerks/bookkeepers, payroll clerks, and various banking trainee positions. This course is also recommended for those planning to major in any area of business in college.

Course No: BU301
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: C or better in BU205

Advanced Accounting

This course provides students with an understanding of the financial transactions of a business and enables them to record, present, and interpret these transactions necessary as a consumer of goods and services. Occupations available to the high school graduate that require a knowledge of accounting include accounting clerks/bookkeepers, payroll clerks, and various banking trainee positions. This course is also recommended for those planning to major in any area of business in college.

Course No: BU311
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: BU103 & BU333
 recommended

Entrepreneurship

This technical-level semester-long course is designed to introduce students to the world of small business ownership and management. Students will be given the opportunity to develop a business plan, as well as work in one or more of the student managed school-based enterprises (Pete's Place, Pioneer Perk, and Pete's Print and Stitch), performing duties under the direction of student owners and operators while developing business start-up skills in planning, financing, human resources, marketing/advertising, selling, and management of products. This hands-on course involves students in a variety of activities that will provide them with the skills necessary to be successful in a constantly changing workplace. Students should be prepared to work independently at times while continuing to meet course expectations. Students will also be exposed to several competitive opportunities involving scholarship. (This course is designed for mature sophomores and above interested in becoming an entrepreneur or for students wanting a hands-on learning experience in preparing for employment).

Course No: BU315
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: BU103 or BU333
 recommended

Business Management

This technical-level semester-long course covers the key characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Students will be working in one or more of the student managed school-based enterprises (Pete's Place, Pioneer Perk, and Pete's Print and Stitch), performing duties of a small business owner/operator in the areas of planning, financing, human resources, marketing/advertising, selling, and management of products. This course is essentially a continuation of the Entrepreneurship Course, however more emphasis will be placed on ownership, human resources, and financial management. (This course is designed for mature sophomores and above interested in becoming an entrepreneur or for students wanting a hands-on learning experience in preparing students for management positions in the workforce).

Course No: BU333
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: BU103 recommended

Marketing I

This technical-level year-long course is designed to develop students' understanding of marketing principles. Students will explore entry-level career areas such as business economics, human relations, business communications, marketing concepts, marketing research, advertising, professional selling, and sales promotion. Students will be exposed to independent and group classroom activities, giving them hands-on experiences in exploring career opportunities in the marketing industry. Participation in a co-curricular career and technical education student-led organization is highly encouraged, however not mandatory. (This course is designed for mature sophomores and above interested in learning about careers in business).

Course No: BU432
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: B or better in BU333
 -AND- Consent of Instructor

Marketing II

This application-level course is designed for students who will be actively engaged in utilizing technology and technology applications in the design, production and implementation of marketing strategies within the three school-based enterprises (Pete's Place, Pioneer Perk, and Pete's Print and Stitch). Students will create and print a variety of multi-media and electronic materials used in the marketing process. Application-level activities will be centered around: advertising, branding, product design, graphic design, packaging, promotion, publicity, sponsorship, public relation, sales promotion and professional selling. This is a co-curricular class, and students are required periodically to spend time in a working lab environment, outside of the school day. Participation in a co-curricular career and technical education student-led organization is highly encouraged, and student management positions will be offered accordingly.

Course No: BU433
 Length of Course: Semester or Year
 Grade Level: 11,12
 Prerequisites: B or better in BU432
 -AND- Consent of Instructor
 -OR- Concurrently enrolled in
 BU432 with consent of instructor

Advanced Marketing

This course provides workplace experience(s) including internship, externship and capstone project opportunities in fields related to marketing. Advanced Marketing is designed to strengthen a student's learning experience by integrating on-campus studies with closely related work experience(s). Goals are typically set cooperatively by the student, teacher, and possible employer (although students are not necessarily paid). This course may include classroom activities involving further study of the field or discussion regarding workplace experience(s). Experiences and opportunities will look differently for different students based on individual student needs and desires.

Family & Consumer Science

Course No: FC101
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: None

Introduction to Family Consumer Sciences

This course is an orientation to the Family and Consumer Sciences pathways. Its purpose is to introduce students to the many current subject areas, issues, trends, and careers in food preparation, sanitation and nutrition, interpersonal relationships, child care and development, managing money and personal resources, housing and furnishings, and hand/machine sewing and clothing choices. Students will also take part in many activities that will involve cooperative learning, hands-on projects, and lab

Course No: FC211
Length of Course: Semester
Grade Level: 10,11,12
Prerequisites: FC101

Essentials of Fashion, Apparel & Interior Design

This course introduces students to the world of interior and fashion design, familiarizing them to the background and knowledge needed to develop a career in this field. Students will learn and apply how color, composition, and texture can affect great aesthetics.

Course No: FC216
Length of Course: Semester
Grade Level: 10,11,12
Prerequisites: FC211

Fashion Trends

This course introduces students to the world of interior and fashion design, familiarizing them to the background and knowledge needed to develop a career in this field. Students will learn and apply how color, composition, and texture can affect great aesthetics.

Course No: FC214
Length of Course: Semester
Grade Level: 11,12
Prerequisites: None

Apparel Production I

Apparel Production I introduces students to the apparel and textile industry in the areas of design, textiles and apparel engineering. Students will be able to demonstrate foundational knowledge and skills of equipment and procedures used in fashion and apparel. Emphasis will be placed on students applying these design and engineering skills to create and produce products. Students will continue their exploration of careers in the areas of fashion, apparel, and textile.

Course No: FC223
Length of Course: Semester
Grade Level: 10,11,12
Prerequisites: FC101

Culinary Essentials

Culinary Essentials introduces students to basic culinary skills, food safety and sanitation, nutrition concepts, food preparation, presentation, meal planning and career opportunities. Students will learn through lab activities and classroom instruction. This class is a prerequisite for Culinary Arts I.

Course No: FC224
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: FC101

Teaching as a Career

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.

Course No: FC232
Length of Course: Semester
Grade Level: 10,11,12
Prerequisites: FC101

Family Studies

The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the

Course No: FC243
Length of Course: Semester
Grade Level: 10,11,12
Prerequisites: FC101

Human Growth & Development - The Early Years

This class will explore the myths and realities of parenthood, child abuse/neglect, human reproduction/birth control, STDs, pregnancy, birth, and care of the young child. This class will benefit any student planning a career in education or childcare.

Practical Arts Course Descriptions

Course No: FC301 & FC302
 Length of Course: Semester (2 periods)
 Grade Level: 11,12
 Prerequisites: None

Career Internship

This course is an opportunity to put soft skills and career knowledge to work by participating in an internship in the Leavenworth community. This is a capstone course for our Family and Consumer Service and Human Service related pathways. Class is scheduled during 7th and 8th hours first semester to allow time for the internship. Personal transportation to the internship site is required.

Course No: FC300
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: FC224

Teaching Internship

Educational Methodology courses prepare students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. **Personal transportation to the internship site is required.**

Course No: FC325
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: FC223,
 -AND-Consent of Instructor

Culinary Arts I

Culinary Arts I integrates the knowledge, skills, and practices required for careers in the restaurant industry. It provides students with a firm foundation in food preparation of all menu categories, food presentation, culinary math, menus, safety and sanitation, and business industry standards. Students will learn through lab activities and classroom instruction.

Course No: FC347
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: FC101

Foundations of Early Childhood Education

The purpose of the course is to provide information about early childhood careers, stages of development infancy to school age, how to ensure a safe and healthy learning environment and early childhood curriculum. Students must have a TB test to be able to observe/work in a childcare facility.

Course No: FC2348
 Length of Course: Semester
 Grade Level: 10,11,12
 Prerequisites: FC101

Lifespan Development

Lifespan 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 the lifespan with a strong tie to teen years, adulthood and later years. creation of healthy and sustainable families be they their own or those they work with.

Practical Arts Electives

Course No: CP100
 Length of Course: Year
 Grade Level: 9
 Prerequisites: Apply
 -AND-Consent of Instructor

AVID 9

AVID 9 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. It acts as a catalyst for schools to develop a culture of college readiness for all students across the campus. In the AVID 9 elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)

Course No: CP200
 Length of Course: Year
 Grade Level: 10
 Prerequisites: Apply
 -AND-Consent of Instructor

AVID 10

AVID 10 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. In the AVID 10 elective class, students receive daily instruction and support to prepare them for college from a trained AVID Elective teacher. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)

Course No: CP301
 Length of Course: Semester
 Grade Level: 11
 Prerequisites: Apply
 -AND-Consent of Instructor

AVID 11

AVID 11 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. The AVID 11 elective class is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)

Course No: CP401
 Length of Course: Semester
 Grade Level: 12
 Prerequisites: Apply
 -AND-Consent of Instructor

AVID 12

AVID 12 develops learning, study and academic behavioral skills that are essential to success in rigorous coursework. The AVID 12 elective class is the first part in a senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. AVID impacts students by using academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR). (Satisfies a practical arts credit.)

Course No: LDR301
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: Submit Application
 - AND- Consent of Instructor

Leadership I

This class is designed to teach students how to collaborate, promote, and build leadership characteristics within themselves, school and community. Course objectives include promoting academic excellence, raising self-esteem and self-worth, establishing community and corporate partnership to inspire and reward, and raising the level of community participation in schools. Students are responsible for planning and implementing all Pioneer Pride assemblies. (Satisfies a practical arts.)

Architecture & Construction Cluster Design (Design & Pre-construction Pathway)

This pathway is designed for students interested in the areas of architecture, construction and engineering. Students need to complete three courses to become a pathway concentrator.

Course No: TE101
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: None

Drafting & Production Blueprint Reading

This course is an introductory level course to provide students with the knowledge and ability to interpret the lines, symbols, and conventions of blueprints from a variety of industrial applications. (This class is offered second semester.)

Course No: TE105
 Length of Course: Semester
 Grade Level: 9,10,11,12
 Prerequisites: None

Introduction to Industrial Technology

This course is designed to instruct students in the basic skills necessary to all occupations in the construction, manufacturing, and transportation areas. (This class is offered first semester.)

Course No: TE202
 Length of Course: Year
 Grade Level: 9,10,11,12
 Prerequisites: MA125

Drafting/CAD

This course is highly recommended for any student interested in the fields of mechanical and architecture drafting or engineering. Drafting/CAD is designed to introduce the student to basic drafting skills and knowledge needed to function in a technical field. The course includes: sketching, multi-view, isometric, oblique, dimensioning, and geometric construction. In keeping pace with new technology, each student will spend a large percentage of time using CAD (Computer-Aided Design) programs such as AutoCAD, Inventor, SolidWorks and more.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of Drafting Technology in the fall and four hours of credit in Fundamentals Parametric Modeling in the spring.

Course No: TE221
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: TE202
 -OR- Dual enrolled
 -OR- Consent of instructor

Architectural Design

This comprehensive course is designed to instruct students in the basic skills of architectural design with a particular emphasis on residential and light commercial applications. Students will use their basic skills to advance into architectural drafting, design, and engineering. Students will develop a complete set of house plans including: floor plan, foundation plan, elevations, sections, plot plan, and perspectives. Students will also spend considerable time producing drawings on CAD systems. Students are encouraged to participate in field trips to homes in construction and drafting competitions.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of credit in Fundamentals of Building Planning in the fall and four hours of credit in Advanced Drafting in the spring.

Course No: TE311
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: TE221
 -OR- Dual enrolled
 -OR- Consent of instructor

Research & Design for Architecture

This is an advanced research and application course covering specific topics in design and pre-construction to include management and "green design" skills. Students will be working with models, working with people of special needs, following codes, and working with clients. This course is designed for students entering the field of engineering or architecture. Students will develop drawings using 2-D and 3-D modeling, surface modeling, and rendering. Students will further develop skills in CAD commands and drawings such as isometric, pictorial, perspective, coordinate drawings, architectural drawings, shading, rendering, solid models, and scripts. Students will complete a research paper on a drafting/engineering topic. Students are encouraged to participate in drafting competitions and complete a study of careers.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in four hours of credit in Commercial Building Planning in the fall and three hours of credit in Drafting Field Project I in the spring.

Manufacturing Cluster Design (Production Pathway)

Course No: TE101
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Drafting & Production Blueprint Reading

This course is an introductory level course to provide students with the knowledge and ability to interpret the lines, symbols, and conventions of blueprints from a variety of industrial applications. (This class is offered second semester.)

Course No: TE105
Length of Course: Semester
Grade Level: 9,10,11,12
Prerequisites: None

Introduction to Industrial Technology

This course is designed to instruct students in the basic skills necessary to all occupations in the construction, manufacturing, and transportation areas.

Course No: TE202
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: MA125

Drafting/CAD

This course is highly recommended for any student interested in the fields of mechanical and architecture drafting or engineering. Drafting/CAD is designed to introduce the student to basic drafting skills and knowledge needed to function in a technical field. The course includes: sketching, multi-view, isometric, oblique, dimensioning, and geometric construction. In keeping pace with new technology, each student will spend a large percentage of time using CAD (Computer-Aided Design) programs such as AutoCAD, Inventor, SolidWorks and more.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of Drafting Technology in the fall and four hours of credit in Fundamentals Parametric Modeling in the spring.

Course No: TE301
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: TE202
- OR- Dual enrolled
- OR- Consent of instructor

Drafting/CAD Techniques and Design

This course is designed for students entering the fields of engineering and architecture. Students will develop mechanical drawings using problem solving skills, previous and newly acquired knowledge. Students will further develop architectural skills by designing an environmentally challenging home using the latest technology advances in home design. Students will develop a deeper understanding of CAD, implementing CAD on a weekly basis, and participating in technology leadership competitions during the course. The course will include: multi-view, pictorial, dimensioning, auxiliary, fasteners, working drawings, architecture, and CAD.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of Drafting Technology in the fall and four hours of credit in Fundamentals Parametric Modeling in the spring.

Course No: TE300
Length of Course: Year
Grade Level: 11,12
Prerequisites: TE301
- OR- Dual enrolled
- OR- Consent of instructor

Research and Design for Manufacturing

This is an advanced level application course that provides students with work-based experience, advanced drafting skills, 3-D design and production, supported by classroom attendance and discussion, within the mechanical drafting studies.

Students may earn college credit through KCKCC if they meet admission requirements. Students may enroll in three hours of credit in Fundamentals of CAD Technologies in the fall and three hours of credit in Drafting Field Project I in the spring.

Vocational/Technical Colleges

Leavenworth USD #453 has a partnership with Kansas City Kansas Community College at the Pioneer Career Center in Leavenworth and at the Technical Education Center (TEC) in Kansas City, as well as with Highland Community College Technical Center in Atchison. Both technical colleges offer a variety of programs available to students who have successfully completed their course-work at LHS and are in good standing for graduation. Enrollment for either school generally takes place in March with limited spaces. Students interested in attending must be of junior or senior standing and must complete an entrance exam and achieve a specific score in order to enroll in its programs. See your guidance counselor for more information on the programs available at each institution.

Course No: TE132
Length of Course: Semester
Grade Level: 10
Prerequisites: Consent of Instructor

Intro to Automotive Technology

This course is for students interested in the automobile a business, technical, and/or consumer perspective. A broad range of subjects will be covered in this class to include automotive career exploration, consumer information, minor maintenance and safety inspection, and an introduction to technical systems.

Course No: TE 232 & TE332
Length of Course: Year (4 periods)
Grade Level: 11,12
Prerequisites: Consent of Instructor
-AND- up to date on credits
toward graduation

Automotive Technology I & II

Auto Mechanics is a one or two year program devoted to developing skills in the maintenance and repair of automobiles and light trucks. Instruction includes: safety, operation of hand and power tools, diagnosing and repair of problems (major overhaul, brakes, tune-up, electrical, front-end alignment, etc.). Combined classroom and shop activities are set up to develop all phases and awareness of the automotive repair industry as it applies to today's service technician. The class meets for four hours per day and students must comply with state vocational rules and regulations.

Subject JROTC

11OTC is open to all physically fit students 14 years or older. The purpose of the program is to motivate young people to be better citizens. 11OTC is an Army supported activity. Students do not incur any obligations to serve in the military. The ROTC cadet is required to participate in physical fitness training, drill, ceremonies and academic training. ROTC cadets are invited to participate on special teams such as: honor guards (drill teams), rifle team, drum and bugle corps, raiders, color guards, cadet chorus, saber team, and the junior guard program. Cadets are provided government issued uniforms at no cost. The uniform must be worn one class period each week and on special occasions. Uniforms are required to be returned immediately upon disenrollment or the student incurs the cost of the uniform. Parents are accountable for all equipment issued to cadets. Fund raiser participation is completely voluntary.

Course No: RO101
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: None

Freshman Year

ROTC LET-1 "Leadership Education and Training 1" is a year-long course of 126 hours. It includes: Citizenship in Action; Leadership Theory and Application; Foundations for Success; Making a Difference with Service Learning; Cadet Challenge (Physical Fitness).

Sophomore Year

ROTC LET-2 "Leadership Education and Training 2" is a year-long course of 126 hours. It includes: Leadership Education and Training; Wellness, Fitness, and First Aid; Geography and Earth Science; Citizenship in American History and Government; Making a Difference with Service Learning; Cadet Challenge (Physical Fitness). **May substitute for PE requirement.**

Junior Year

ROTC LET-3 "Leadership Education and Training 3" is a year-long course of 126 hours. It includes: Career Opportunities; Cadet Challenge (Physical Fitness); Citizenship in Action; Leadership Theory and Application; Foundations for Success; Citizenship in America; History and Government; and Core Service Learning. **May substitute for PE requirement.**

Senior Year

ROTC LET-4 "Leadership Education and Training 4" is a year-long course of 126 hours. LET -4 focuses primarily on direct leadership training. LET-4 subject areas include: Citizenship in Action; Leadership Theory and Application; NEFE High School Financial Planning Program; Teaching Skills; Making a Difference with Service Learning; Cadet Challenge (Physical Fitness). **May substitute for PE requirement.**

*Notes: Class Credit: Adjustments may be made to accommodate transfer students or those wishing to enroll sophomore, junior, or senior years. Students enrolling sophomore, junior, or senior years are advanced in class according to their performance each grading period. Students successfully completing Armed Forces Basic Training between junior and senior years are eligible for class credits. Students successfully completing three or more years can receive service entry recommendations allowing them to enlist in the grade of E-3. Service academy nominations can be given by the senior Army instructor to West Point, the Air Force Academy, and the Naval Academy (Annapolis). Summer camp: Selected LET-2, LET-3 and LET-4 cadets may attend the one week summer leadership camp held in mid-July prior to the new school year. Training includes survival swimming, rappelling, physical fitness training, rope bridge building, skills competition, leadership classes, land navigation, and helicopter orientation flights.

Subject Science

(3 credits of Science required for graduation of which must be 1 credit of Biology, 1 credit of Physical Science, 1 credit of other Sciences; 3 years recommended for college)

Course No: SC201
Length of Course: Year
Grade Level: 9
Prerequisites: None

Biology

Biology I is a course that will challenge students to explore how to solve problems using the scientific method. The state of Kansas life science content will be addressed. The student will study all biological processes and how they relate to the environment. Working with laboratory procedures, and collecting and analyzing data will be emphasized. Relationships between the sciences of chemistry, physics, and biology will be established.

Course No: SC211
Length of Course: Year
Grade Level: 9
Prerequisites: B or better in
8th Grade Science

Honors Biology

Honors Biology will cover the same subject matter as Biology as well as additional topics, and include more details. Emphasis is given to the development of scientific skills, including developing and using models, obtaining, evaluating, and communicating information, and constructing explanations and designing solutions. This course is for those students who possess either a high interest or ability in science and have taken/are taking geometry or have instructor approval. It is recommended that students take this course during their freshman year since it is the prerequisite course for all upper-level science courses.

Course No: SC106
Length of Course: Semester
Grade Level: 11,12
Prerequisites: SC201 or SC211 -AND-
1 semester of SC108 or SC109

Integrated Science: Natural Disasters

This course will explore the science and history of Natural Disasters and their impact on humankind. Students will learn the scientific concepts underlying the cause and the general effects of each disaster, as well as locations in the U.S. and around the world where each type of disaster is most likely to strike. The natural disasters the class will cover are earthquakes, volcanoes, landslides, avalanches, floods, wildfires, blizzards, ice storms, hurricanes, tsunamis, and tornadoes.

Course No: SC107
Length of Course: Semester
Grade Level: 11,12
Prerequisites: None

Integrated Science: Astronomy

This semester course will provide students an opportunity to study the universe, as well as the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and stars

Course No: SC108
Length of Course: Semester
Grade Level: 10
Prerequisites: None

Integrated Science: Chemistry

This introductory semester course is designed to allow students to explore the basic concepts of chemistry. It offers the subject matter of a traditional chemistry course with a qualitative approach to problem-solving. General areas of study will include properties of matter, the atom, the periodic table of elements, chemical reactions, and acid and bases.

Course No: SC109
Length of Course: Semester
Grade Level: 10
Prerequisites: None

Integrated Science: Physics

This introductory semester course is designed to allow students to explore the basic concepts of physics. It offers the subject matter of a traditional physics course with a qualitative approach to problem-solving. General areas of study will include force, motion, energy, heat, light, sound, magnetism and electricity.

Course No: SC321
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: SC201 or SC211 -AND-
 MA125 with a C or better
 Requirement: Currently enrolled in
 MA235, MA240 or higher-level math

Chemistry

This is a one year course in chemistry. Students who successfully complete this course will have an adequate background to enroll in a college level chemistry course. Labs are used to enhance the student's understanding of the content of the course. (Satisfies the physical science requirement.)

Course Outcomes:

Students completing this course will gain knowledge/application with:

- | | | | |
|----------------------|-----------------------|---------------------|----------------------------------|
| 1) Chemical formulas | 2) Atomic structure | 3) Periodical table | 4) Chemical bonding |
| 5) Molecular shapes | 6) Chemical reactions | 7) Stoichiometry | 8) Energy and chemical reactions |

Course No: SC401
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: SC201 or SC211 -AND-
 SC321

Comparative Anatomy & Morphology

This is a college preparatory course designed to give the student a greater understanding of anatomy, physiology, and dissection skills as they relate to the field of life science. This course consists of the study of the biological concepts of the cat, chicken, pig, and human anatomy and morphological development. The student is required to do hands-on dissections.

Course No: SC405
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: SC201 or SC211 -AND-
 SC321 or both SC108 and SC109

Forensic Science

Forensic Science focuses on the skills and concepts behind physical aspects of crime scene investigation and forensic science. Whether students desire to be a crime scene investigator, forensic pathologist, or some other medical scientist, this course will help them hone their investigative skills and review a wide range of science concepts. Students will review physics, chemistry, anatomy, biology, environmental science and computer science in the process of learning about forensic science.

Course No: SC411
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: C or better in MA235 or
 MA240
 Requirement: Currently enrolled in
 MA345 or MA355

Physics

This is a one year course in Physics. Students who successfully complete this course will have enhanced problem-solving skills typical of those needed to begin a college freshman level Physics course. Students will also have an understanding of the application of trigonometry to physics and will increase their facility at research and reporting.

Course No: SC501
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: SC201 or SC211 -AND-
 C or better in SC321

AP Biology

This course is designed as a college preparatory course. It is also designed for able and motivated students who would like to pursue college level biological studies while still at the high school level. This course will consist of study in four general areas: molecules and cells, genetics and evolution, organisms and population, anatomy and physiology. Dissections, biochemical investigations, and microscope use are a major part of instruction. The textbook used will be a college level text. The student will be required to do independent readings outside the text assignment. Use of the scientific method of problem solving will be emphasized.

Course No: SC511
 Length of Course: Year
 Grade Level: 11, 12
 Prerequisites: SC201 or SC211 -AND-
 B or better in SC321

AP Chemistry

This is a one year course beyond regular chemistry. Students who successfully complete the course will have covered topics typical of those covered in a college level freshman chemistry course. Considerable out of class preparation is required. Labs are used to enhance the student's understanding of the content of the course. The national AP Central website strongly suggests that to be successful, students should study a minimum of five hours outside of class per week.

Course Outcomes: Students completing this course will gain knowledge/application with:

- | | | | |
|----------------------------------|-------------------|-------------------------|--------------------|
| 1) Oxidation-reduction reactions | 2) Atomic theory | 3) Chemical bonding | 4) Gases |
| 5) Solutions | 6) Reaction rates | 7) Chemical equilibrium | 8) Acids and bases |

Course No: SC522
 Length of Course: Year
 Grade Level: 12
 Prerequisites: B or better in SC411
 -AND- C or better in MA345 or
 MA355

AP Physics 2

This is a one year course beyond regular Physics. Students who successfully complete this course will have enhanced problem-solving skills typical of those used in a college freshman level Physics courses. Students will also have an understanding of the application of calculus to physics and will increase their facility at research and reporting.

Subject

Social Studies

(3 credits required for graduation of which must be 1 credit of World History, AP European History, or AP World History, 1 credit of US History or AP US History, .5 credit of US Government, US Law, or AP US Government, and .5 credit of either Economics, Psychology, AP Psychology, Contemporary World Issues, or Sociology)

Course No: SS205
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: None

World History

The World History course covers significant global developments pre-historic cultures to the twentieth century nations. Placed within geographic context, students will analyze cultures through the study of their economic, political, social, religious, and technological achievements. Students will be expected to work independently and in small group settings; conduct research; give oral presentations; complete written assignments; and develop their critical thinking skills. (Satisfies Social Studies elective)

Course No: SS305
Length of Course: Year
Grade Level: 11
Prerequisites: None

United States History

This course engages students in the active study of political, economic, and social forces behind the development of the United States. Twentieth century American history will be a major emphasis of the course. A variety of instructional methods will be employed such as lectures, discussions, small group work, simulations and research projects.

Course No: SS310
Length of Course: Semester
Grade Level: 11,12
Prerequisites: None

Contemporary World Issues

Students will study contemporary global problems and issues in order to create a base of educated young citizens who will be literate and capable of solving these problems as the next generation of leaders. The overall aim of this course is to introduce students to the events, trends, and problems facing citizens and leaders in an increasingly interdependent world. This thematic study will give students a lens with which they can glimpse into the future, into the world we will inhabit in the coming decades.

Course No: SS405
Length of Course: Semester
Grade Level: 12
Prerequisites: None

United States Government

This course uses the study of American government to develop critical thinking and responsible citizenship. It begins with a strong focus on the U.S. Constitution and continues with an examination of the Congressional, the Executive, and the Judicial Branches of the federal government. This course includes individual and group work.

Course No: SS415
Length of Course: Semester
Grade Level: 12
Prerequisites: None
(Note: This course is not recommended for students with below average reading or study skills.)

United States Law

This course uses the study of law to develop critical thinking and responsible citizenship with a significant amount of independent reading and study. Additionally, the course requires individual and group work, out of class research, analysis and oral presentations. The course opens with a strong focus on the U.S. Constitution and continues with an examination of the law making process/enforcement/adjudication process through the Congressional, the Executive, and the Judicial Branches of the federal government. The balance of the course involves a closer look at criminal law, civil law, and court procedures. Several mock trials are highlights of the course.

Course No: SS435
Length of Course: Semester
Grade Level: 12
Prerequisites: None

Sociology

Sociology is the scientific study of human interaction in groups - how people relate to one another and influence each others behavior. The goal is to understand social situations and look for repeating patterns in society. Students will be challenged to develop a sociological perspective so that they might see the world as it really is and not like they assume it to be. Topics covered will be the major social institutions (family, education, economy, government, religion) as well as important concepts including socialization, culture, adolescence, deviance, and social change. Important social problems such as discrimination, poverty, and crime will be studied.

Course No: SS445
Length of Course: Semester
Grade Level: 12
Prerequisites: None

Psychology

This course is designed to introduce students to the scientific study of behavior and thinking. Emphasis will be placed on those areas of daily living where we knowingly, and unknowingly, use and are affected by the principles of psychology. The course will cover basic learning theories and methods of behavior modification; how we are physically equipped to perceive our environment; the ways people adjust to their society; and study of the definitions, identification, and treatment of various types of mental illness. Students will be given opportunities to research topics various areas of psychology.

Course No: SS505
 Length of Course: Year
 Grade Level: 9,10,11,12
 Prerequisites: None

AP European History

This course studies the significant social, economic, and political movements and events in Europe during the period 1200-2090. Students will study the dynamics of continuity and change, the links between the past and the present, the importance of historical literacy, and the use of history as a form of critical thinking.

Course No: SS515
 Length of Course: Year
 Grade Level: 10,11,12
 Prerequisites: None

AP World History

This course studies the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks, their causes and consequences, as well as comparisons among major societies. This course focuses primarily on the past 2000 years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the stage for continued development. Extensive reading and writing are required.

Course No: SS525
 Length of Course: Year
 Grade Level: 11,12
 Prerequisites: None

AP United States History

This course provides a comprehensive survey of US History colonial times through 2090. Emphasis is placed on the social, political, economic and cultural issues that shaped the development of contemporary America. Extensive reading (20 pages per class meeting) and writing are required. Development of historical analysis and source evaluation is emphasized during the second semester. This class includes a mixture of video, lecture, reading, and audio material.

Students may earn college credit through KCKCC if they meet the admission requirements. Fees will be paid to the college for three semester hours of credit in United States to 1877 in the fall and three semester hours of credit in United States since 1877 in the spring.

Course No: SS531
 Length of Course: Year
 Grade Level: 12
 Prerequisites: None

AP United States Government & Politics

This course explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. The express purpose of this course is to prepare students to take the AP Exam for US Government and Politics. The course is for all intents and purposes taught on a college level and it requires a substantial amount of reading and preparation for every class. The objectives of this course go beyond a basic analysis of how our government "works." Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. Summer reading is required.

Course No: SS532
 Length of Course: Year
 Grade Level: 12
 Prerequisites: None

AP Psychology

Following the College Board's suggested curriculum designed to parallel a college-level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods that psychologists use in their science and practice.

Course No: ESL13
 Length of Course: Year
 Grade Level: 9,10, 11, 12
 Prerequisites: International/Exchange
 Students Only

American Language & Culture

American Language and Culture is a content-based ESL class designed to acquaint the student with all areas of the mainstream culture of the United States to include history, government, business, religion, geography, social factors, immigration and citizenship. The students will also develop their English language capabilities by participations in class activities and experiences that involve all four language skills-listening, speaking, reading and writing. Emphasis is given to the development of good note-taking and writing skills and reading strategies. This course counts as an elective social studies credit.

Subject

World Language (2 years of the same language recommended for college)

Course No: WL101
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: C or better in English

French I

French I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and recorded in format. Instruction is both in French and English. Success in the course requires out-of-class study and homework.

Course No: WL111
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: C or better in English

Spanish I

Spanish I introduces the basic elements of grammar by involving the student in reading, writing, listening, and speaking activities in a cultural context. Tests and quizzes are written, oral, and taped in format. Instruction is both in Spanish and English. Success in the course requires out-of-class study and homework.

Course No: WL201
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: C or better in WL101

French II

French II continues and expands the four basic skills of reading, writing, listening, and speaking introduced in French I. Emphasis is placed on the expansion of vocabulary and the accurate use of structural elements of French in spoken and written forms. Concentration and application are given to verb tenses (present, passé composé and imparfait), idiomatic expressions, and pronouns. Oral presentations and cultural activities are a part of classroom activities. French and English are spoken in class. Success in the course requires out-of-class study and homework.

Course No: WL211
Length of Course: Year
Grade Level: 9,10,11,12
Prerequisites: C or better in WL111

Spanish II

Spanish II continues and expands the four basic skills of reading, writing, listening, and speaking introduced in Spanish I. Emphasis is placed on the expansion of vocabulary and the accurate use of structural elements of Spanish in spoken and written forms. Concentration and application are given to verb tenses (present, preterite/imperfect), idiomatic expressions, and pronouns. Oral presentations and cultural activities are a part of classroom activities. Spanish and English are spoken in class. Success in the course requires out-of-class study and homework.

Course No: WL301
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: C or better in WL201

French III

French III provides a basic review of the grammar elements studied in French II. Emphasis is placed on speaking and writing skills. The class includes writing activities, cultural and historical projects and skits, and oral and written summaries. The student is expected to participate in daily class discussions. French and English are spoken in class. Success in class requires out-of-class study and homework.

Course No: WL311
Length of Course: Year
Grade Level: 10,11,12
Prerequisites: C or better in WL211

Spanish III

Spanish III provides a basic review of the grammar elements studied in Spanish II. Concentration and application are given to Future and Conditional verb tenses. Emphasis is placed on speaking and writing skills. The class includes writing activities, cultural and historical projects and skits, and oral and written summaries. The student is expected to participate in daily class discussions. Spanish and English are spoken in class. Success in the course requires out-of-class study and homework.

Course No: WL401
Length of Course: Year
Grade Level: 12
Prerequisites: C or better in WL301

French IV

French IV reviews and continues the study of grammar, providing an individualized approach to problems in reading, writing, comprehension, and speaking. The student will be introduced to various literary forms within historical and cultural perspectives.

Course No: WL611
Length of Course: Year
Grade Level: 12
Prerequisites: C or better in WL311

AP Spanish Language & Culture

* Special note: This course requires extra study time. Please consider whether or not you are willing to work diligently for this challenging course. The AP Spanish Language and Culture course can be compared with a high intermediate or advanced low level college Spanish language course. Using Spanish for daily communication, this course helps to develop language in the three modes of communication (Interpretive, Interpersonal, and Presentational.) Students will strengthen cultural understanding through exploration of the six major themes. Grammar and vocabulary are emphasized and expanded through reading, writing, listening, and speaking in Spanish. This course is designed to prepare students for the AP Spanish Language and Culture Exam.