

Curriculum-Course Guide 2025-2026



USD #500 Kansas City Kansas Public Schools

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Graduation Requirements 2024-2027

In Kansas City, Kansas Public Schools, to qualify for high school graduation, 21 units of credit with a minimum enrollment in seven semesters is required (See Board Policy IHF). The high school graduation requirements are designed to be completed in eight semesters.

Courses	Recognized Diploma	Foundational Diploma
	25 Total Credits	*21 Total Credits
English <i>*College level English courses may fulfill these credits.</i>	4.5 Credits* English 1 (1 credit) English 2 (1 credit) English 3 (1 credit) English 4 (1 credit) Speech, Forensics, or Debate (.5 credit)	4 Credits* English 1 (1 credit) English 2 (1 credit) English 3 (1 credit) English 4 (1 credit)
Math <i>*College level math courses may fulfill these credits.</i>	4 Credits* Algebra 1 (1 credit) Geometry (1 credit) Algebra 2 (1 credit) 4th Year Math Course (1 credit)	3 Credits Algebra 1 (1 credit) Geometry (1 credit) Algebra 2 (1 credit)
Social Studies <i>*College level social studies courses may fulfill these credits.</i>	3 Credits* World History (1 credit) American History (1 credit) American Government (.5 credit) Business Economics (.5 credit)	3 Credits* World History (1 credit) American History (1 credit) American Government (.5 credit) Business Economics (.5 credit)
Science <i>*College level science courses may fulfill these credits.</i>	3 Credits* Must include 1 credit from life science, 1 credit from physical science, and 1 additional science credit.	3 Credits* Must include 1 credit from life science, 1 credit from physical science, and 1 additional science credit.
P.E. / Health	1 Credit	1 Credit
Fine Arts	1 Credit	1 Credit
CTE	2 Credits Must include Financial Literacy [formerly Consumer Resource Management] (.5 credit) and Business Communications (.5 credit)	Courses taken in this area may count towards the six credits of electives.
World Languages <i>*College level world language courses may fulfill these credits.</i>	2 Credits* Two years of one language.	Courses taken in this area may count towards the six credits of electives.
Electives	4.5 Credits	6 Credits

* The 21 credit Foundational Diploma will require a parent meeting with a counselor and will not qualify the student for The Kansas Scholars Curriculum.

A **Distinguished Diploma** shall be awarded to students who earn 31 credits (to include the 25 credits outlined for a Recognized Diploma) and earn an Associates Degree and/or International Baccalaureate Diploma.

New Graduation Requirements for 2028

In Kansas City, Kansas Public Schools, to qualify for high school graduation, 21 units of credit with a minimum enrollment in seven semesters is required (See Board Policy IHF). The high school graduation requirements are designed to be completed in eight semesters.

Courses	Recognized Diploma	Foundational Diploma
	25 Total Credits	21 Total Credits
Communications -College level English courses may fulfill these credits	4 English Credits** English 1 (1 credit) English 2 (1 credit) English 3 (1 credit) English 4 (1 credit) .5 Communication Credit May include speech, debate, forensics, journalism, public speaking.	3.5 Credits** English 1 (1 credit) English 2 (1 credit) English 3 (1 credit) English 4 (.5 credit) .5 Communication Credit May include speech, debate, forensics, journalism, public speaking.
Society and Humanities -College level social studies courses may fulfill these credits	3 Social Studies Credits World History (1 credit) or World People Studies (1 credit) American History (1 credit) American Government (.5 credit) Social Studies Elective (minimum of .5 credit) 1 Fine Art Credit Fine Arts, which may include art, music, dance, theater, forensics.	3 Social Studies Credits World History (1 credit) or World People Studies (1 credit) American History (1 credit) American Government (.5 credit) Social Studies Elective (minimum of .5 credit) 1 Fine Art Credit Fine Arts, which may include art, music, dance, theater, forensics.
STEM -College level math courses may fulfill these credits	4 Mathematics Credits Algebra 1 (1 credit) Geometry (1 credit) Algebra 2 (1 credit) 4 th Year Math Course (1 credit) 3 Science Credits Must include physical, biological, and earth and space. 1 STEM Credit STEM elective may include computer science, advanced math, advanced science, robotics, advanced technology.	3 Mathematics Credits Algebra 1 (1 credit) Geometry (1 credit) Algebra 2 (1 credit) 3 Science Credits Must include physical, biological, and earth and space. 1 STEM Credit STEM elective may include computer science, advanced math, advanced science, robotics, advanced technology.
Employability and Life Skills	.5 Health Credit .5 Physical Education Credit .5 Financial Literacy Credit Formerly titled Consumer Education 7 Additional Credits World Languages two years of one language (2 credits) Business Communications (.5 credit) CTE courses in a pathway (1.5 credit) Other courses driven by IPS (3.0 credits)	.5 Health Credit .5 Physical Education Credit .5 Financial Literacy Credit Formerly titled Consumer Education 4.5 Additional Credits Business Communications (.5 credit) Other courses driven by IPS (4 credits)
Post-Secondary Assets	A Diploma+ and any state asset	A Diploma+ and any state asset
Other	Completion of the Free Application for Federal Student Aid*	Completion of the Free Application for Federal Student Aid*

A **Distinguished Diploma** shall be awarded to students who earn 31 credits (to include the 25 credits outlined for a Recognized Diploma) and earn an Associates Degree and/or International Baccalaureate Diploma.

* Families may opt out.

**NCAA requires students to take 4 full credits of English. The NCAA will not allow a communication course to replace an English course.

Special Education

Special Education (SPED) courses are available to meet the needs of students with exceptionalities and qualify under IDEA. Students receive specially designed instruction to access the general education curriculum, with services outlined by the Individualized Education Plan (IEP).

SPED services and placements are determined in accordance with IDEA, KSDE guidelines and are outlined in the student's IEP. Delivery of services may include academic support, direct instruction, co-teaching (general education instruction with push in support), and/or specialized programming.

To learn more about SPED services and course placements, please contact the Department of Special Education at 913-627-5600 or call or text the SPED Parent Support Line at 913-608-4696.

English Language Learners (ESOL)

English to Speakers of Other Languages (ESOL) courses are available to meet the needs of emergent multilingual students who have limited English language proficiency. Eligibility for ESOL services and courses are determined by the Kansas English Language Proficiency Assessment Placement (KELPA-P) test and ESOL teacher recommendation. English language proficiency support is offered through ELD courses, sheltered instruction, co-teaching, or mainstream instruction with push-in support. To learn more about ESOL services and course offerings, please contact the Department of ESOL and Migrant Programs at 913-627-5626.

General Questions/Inquiries

For general questions or inquiries about non-SPED or non-ESOL curriculum/courses, please contact your building counselors or administrators.

Middle School Grading Policy

IHA – Grading System Policy from School/Parent Handbook

The purpose of grading shall be to communicate student learning with students and parents/guardians. The communication shall be as such to invite participation within the student's learning process. Grades shall communicate student learning relative to clearly stated instructional expectations based on the standards of the content. Grades shall be mainly determined by assessments in the form of, but not limited to written tests, essays, science experiments, multimedia presentations, products, performances, works of art, speeches, demonstrations, etc. Daily assignments, class participation, application of skills, etc. can be considered as a portion of the grade.

Report cards for all students shall be sent home and posted in the online gradebook four times a year at the end of a quarter. In addition, progress reports for all students shall be issued at the midpoint of each quarter. Grades shall be updated in the online gradebook each week (approximately 10 per quarter) to keep everyone informed of student progress.

Grading Scale:

All student work is based on standards. Grades cannot be explicitly used for reward or punishment. Grading practices cannot place a student in a situation where he/she is doomed to fail mid-year with no recourse.

Grade Scales-Student performance shall be communicated using the appropriate grade-level scale.

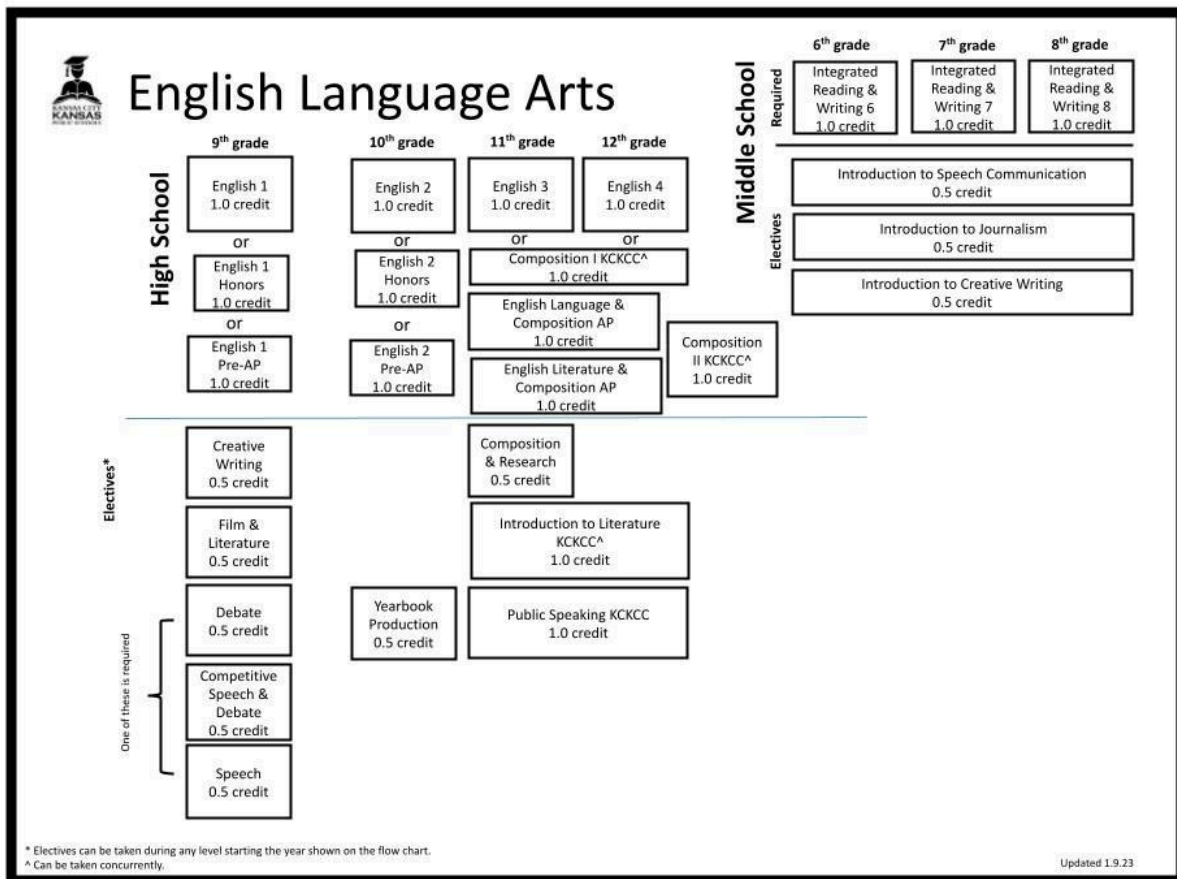
The scale for reporting grades in Grades 6 through 12.

- ❖ A – 90-100%
- ❖ B – 80-89%
- ❖ C – 70-79%
- ❖ D – 60-69%
- ❖ F – 59% or below
- ❖ I - Incomplete

Middle School Courses

English – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Integrated Reading & Writing 6	English	Full Year	No	6	
Integrated Reading & Writing 7	English	Full Year	No	7	
Integrated Reading & Writing 8	English	Full Year	No	8	
Introduction to Creative Writing	ELECTIVE	Half Year	No	6-8	
Introduction to Journalism	ELECTIVE	Half Year	No	7-8	
Introduction to Speech Communication	ELECTIVE	Half Year	No	6-8	



Integrated Reading & Writing 6

Course #: 01061042
Credit: Full Year

Credit Type: English
Grade Level: 6

This Language Arts course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and informational texts, along with writing tasks appropriate to grade level 6. Students will become proficient at gathering information, evaluating sources and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration, choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards.

Integrated Reading & Writing 7

Course #: 01071042
Credit: Full Year

Credit Type: English
Grade Level: 7

This Language Arts course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and informational texts, along with writing tasks appropriate to grade level 7. Students will become proficient at gathering information, evaluating sources and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration, choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards.

Integrated Reading & Writing 8

Course #: 01081042
Credit: Full Year

Credit Type: English
Grade Level: 8

This Language Arts course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and informational texts, along with writing tasks appropriate to grade level 8. Students will become proficient at gathering information, evaluating sources and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration, choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards.

Introduction to Creative Writing

Course #: 01062001
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

This course is an introduction to the art of creative writing and publishing. Class participants will write and revise pieces in a number of genres including personal essays, short stories, poetry, drama, and fairy tales among other alternative genres. The focus of this class will be on various processes for creating and using mentor texts as inspiration. Students will learn from each other, providing and listening to feedback while learning to engage in a supportive, creative community that empowers individual curiosity and artistic risk-taking.

Introduction to Journalism

Course #: 01074011
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 7-8

In this course, students will be equipped with an understanding of the principles and practice of journalism: how to recognize good stories and gather facts through skillful interviewing and research. Students will learn how to organize ideas and format stories while developing sources, craft welcoming leads and satisfying endings, and how to create news and feature articles that inform and engage readers. The course will also examine the historical development of journalism and the role of journalism in society.

Introduction to Speech Communication

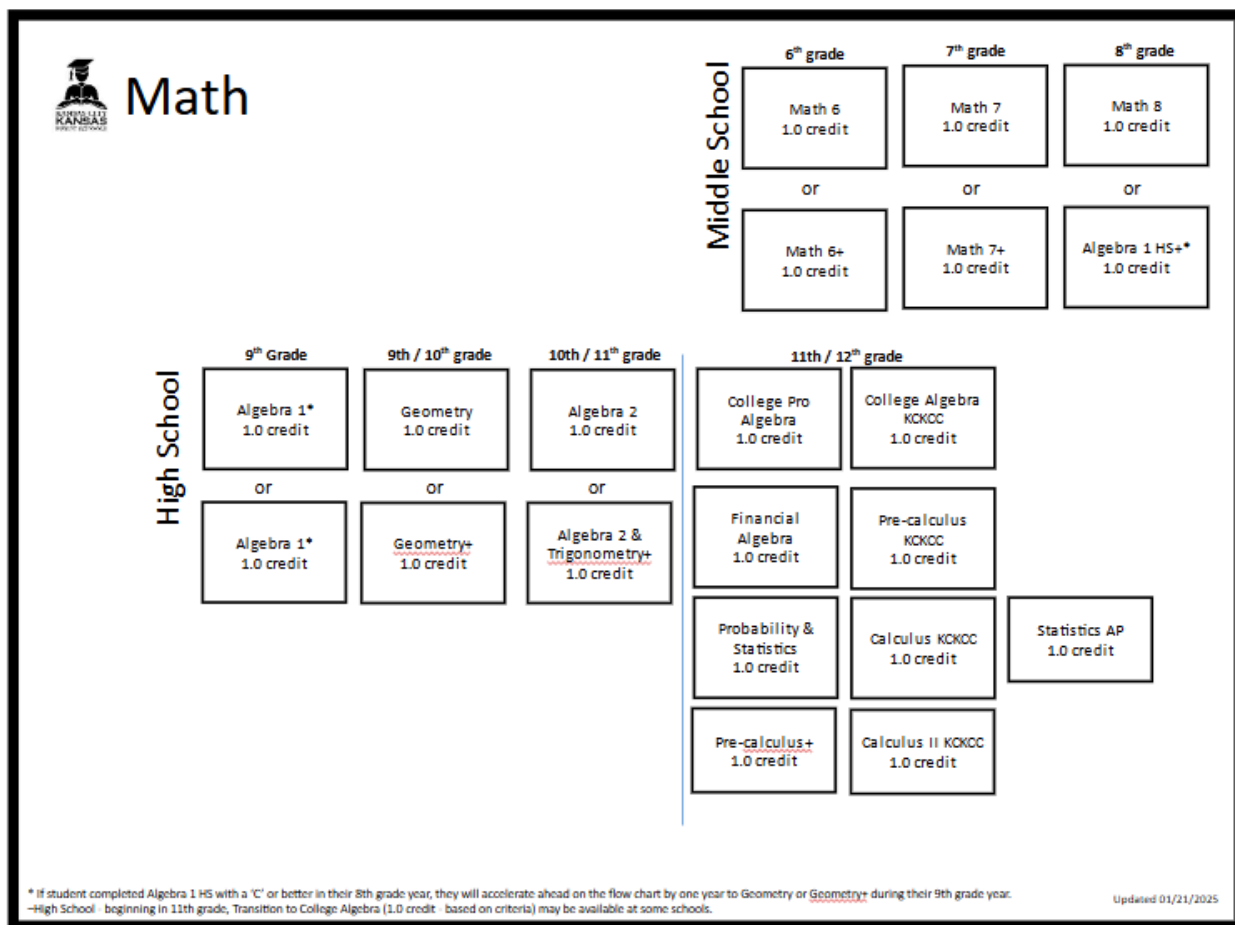
Course #: 01068105
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

This co-curricular course prepares students for a variety of academic and non-academic situations in which public speaking and performance is required. Students will learn how to research, outline, and deliver formal and informal presentations. The skills acquired in this class will provide a solid foundation for participating in High School Competitive Speech and Debate. Students are expected to follow and read current events while engaging in the research writing and presentation of material for competition in debate and public speaking. Students will also be expected to analyze fictional and non-fictional pieces to bring characters to life through speaking and/or acting skills. Through this course, students may also have the opportunity to participate in extracurricular Competitive Speech and Debate.

Mathematics – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Math 6	Math	Full Year	No	6	
Math 6+	Math	Full Year	No	6	
Math 7	Math	Full Year	No	7	
Math 7+	Math	Full Year	No	7	
Math 8	Math	Full Year	No	8	
Algebra 1+ HS	Math	1.0	No	8	Grade 8 ONLY



Math 6

Course #: 02061022 Credit Type: Math
 Credit: Full Year Grade Level: 6

Math 6 is a transition course that focuses on deepening elementary math skills to connect and prepare students for studying algebra in later grades. It covers a range of topics, including geometry, rational numbers, rates and ratios, and the division of fractions using models. Math 6 equips students with the skills and knowledge necessary to succeed in more advanced math courses and apply mathematics in real-world situations.

Math 6+

Course #: 02062002 Credit Type: Math
 Credit: Full Year Grade Level: 6
 Prerequisite: 5th grade math

Math 6+ is an accelerated course encompassing the entire Math 6 curriculum and integrating components from the Math 7 curriculum. This course aims to equip students with the foundational skills required to successfully advance to Algebra 1+ in the 8th grade. The course is

designed to foster academic excellence in mathematics, catering to students pursuing college credit classes at the high school level. Any student can access this course.

Math 7

Course #: 02071022
Credit: Full Year

Credit Type: Math
Grade Level: 7

Math 7 students explore rational numbers using visual models and solve real-world problems. Students dive into proportional reasoning, work with expressions, equations, and inequalities, and study geometric figures. Probability is also taught, with a focus on experimental and theoretical probabilities. The course emphasizes data collection and analysis, enabling students to make informed inferences about populations.

Math 7+

Course #: 02072002
Credit: Full Year
Prerequisite: Math 6+ or Math 6

Credit Type: Math
Grade Level: 7

Math 7+ is a rigorous and comprehensive course designed to cover the Math 7 standards not included in the Math 6+ curriculum while also encompassing all Math 8 standards. The primary objective of this course is to equip students with the essential mathematical skills and knowledge needed to excel academically, setting them up for a successful transition into Algebra 1+ in the 8th grade. This course prepares students for future academic success in mathematics, catering to students pursuing college credit classes at the high school level. Any student can access this course.

Math 8

Course #: 02081002
Credit: Full Year

Credit Type: Math
Grade Level: 8

Math 8 students will explore various mathematical concepts, including algebraic equations, functions, geometry, and irrational numbers, laying the foundation for advanced high school mathematics. They will investigate angle measurements, the Pythagorean Theorem, and patterns in bivariate data, employing linear models to solve real-world problems. The course will conclude with a focus on three-dimensional geometry, emphasizing geometric shapes' volume and surface area.

Algebra 1+ HS

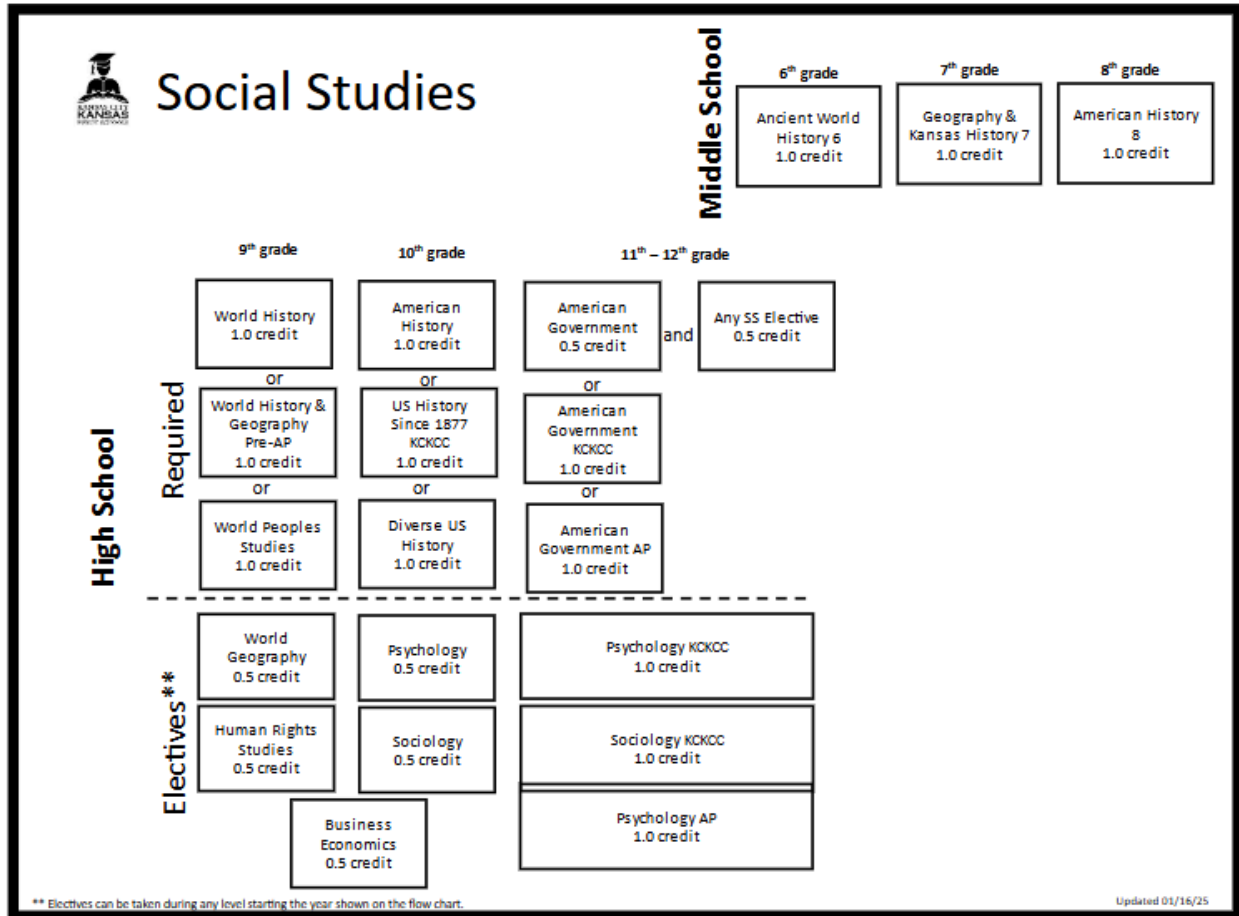
Course #: 02091930
Credit: 1.0
Prerequisite: Math 7+

Credit Type: Math
Grade Level: 8

Algebra 1+ is available for students seeking to be academically challenged. The course expands and enriches the critical content of Algebra 1 to prepare students for future academic success in mathematics, catering to students pursuing college credit classes at the high school level. Any student can access this course.

Social Studies – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Ancient World History 6	Social Studies	Full Year	No	6	
Geography & Kansas History 7	Social Studies	Full Year	No	7	
American History 8	Social Studies	Full Year	No	8	



Ancient World History 6

Course #: 04061002
Credit: Full Year

Credit Type: Social Studies
Grade Level: 6

Social Studies (grade 6) Ancient World History covers the time period from the birth of the river valley civilizations of Mesopotamia, Egypt, India, and China to the Middle Ages in Europe. Students will examine the impact of geography on the development of civilizations. Students will draw conclusions about the significance of various civilizations and their connection to events, ideas, and culture today. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply their learning to their own lives.

Geography & Kansas History 7

Course #: 04071002
Credit: Full Year

Credit Type: Social Studies
Grade Level: 7

Social Studies (grade 7) Geography should familiarize students with their world using the Essential Elements and Geography Themes. Students should develop skills and knowledge about location, place, human/environmental interaction, movement, and regions. The course should compare and contrast these themes across all continents. Special attention should be given to the most essential skills and knowledge of the discipline. Instruction should feature examples from a variety of geographic regions. Kansas History is the study of native inhabitants of the land that was to become Kansas. The course will cover major events, individuals, groups, innovations, and movements from pre-historic

days to the present. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply their learning to their own lives.

American History 8

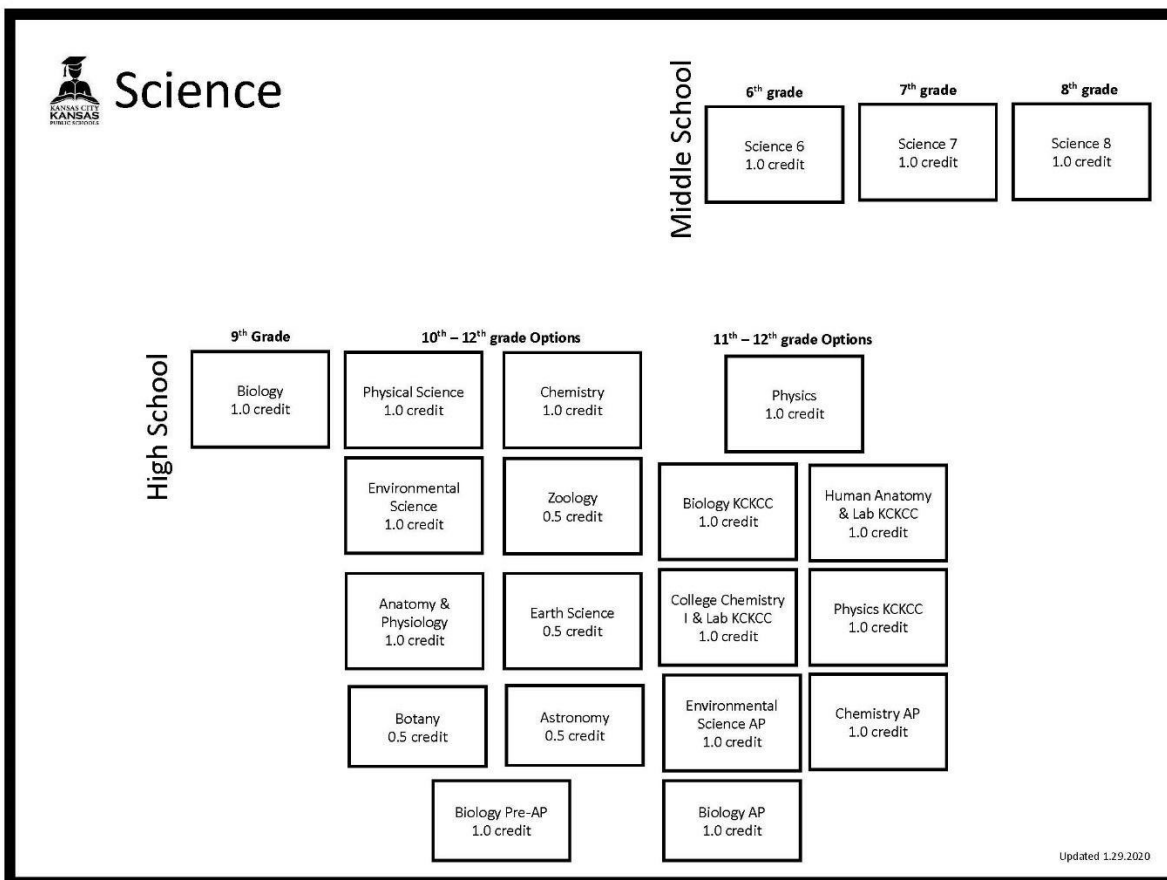
Course #: 04081002
Credit: Full Year

Credit Type: Social Studies
Grade Level: 8

Social Studies (grade 8) American History will review the major ideas, issues, and events of the founding of the nation and Constitutional Period. Students will then concentrate on the critical events, people, groups, ideas, and issues of the period from 1800 to 1900 - including Westward expansion, sectionalism, the Civil War Reconstruction, Populism, and Imperialism. The course should be rigorous and relevant with instruction that integrates thinking skills, historical processes, and content so that students are able to apply the learning to their own lives. Instruction should include the integration of concepts and principles from history, economics, geography, civics, and the humanities.

Science – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Science 6	Science	Full Year	No	6	
Science 7	Science	Full Year	No	7	
Science 8	Science	Full Year	No	8	



Science 6

Course #: 03061002
Credit: Full Year

Credit Type: Science
Grade Level: 6

Science (grade 6) include subject matter from several strands of science, including earth/space sciences, physical sciences, and life sciences, the course organizes material around thematic units based upon the Kansas College and Career Ready Standards for Science.

Science 7

Course #: 03071002
Credit: Full Year

Credit Type: Science
Grade Level: 7

Science (grade 7) builds on previous years of scientific inquiry and includes subject matter from several strands of science, including earth/space sciences, physical sciences, and life sciences, the course organizes material around thematic units based upon the Kansas College and Career Ready Standards for Science.

Science 8

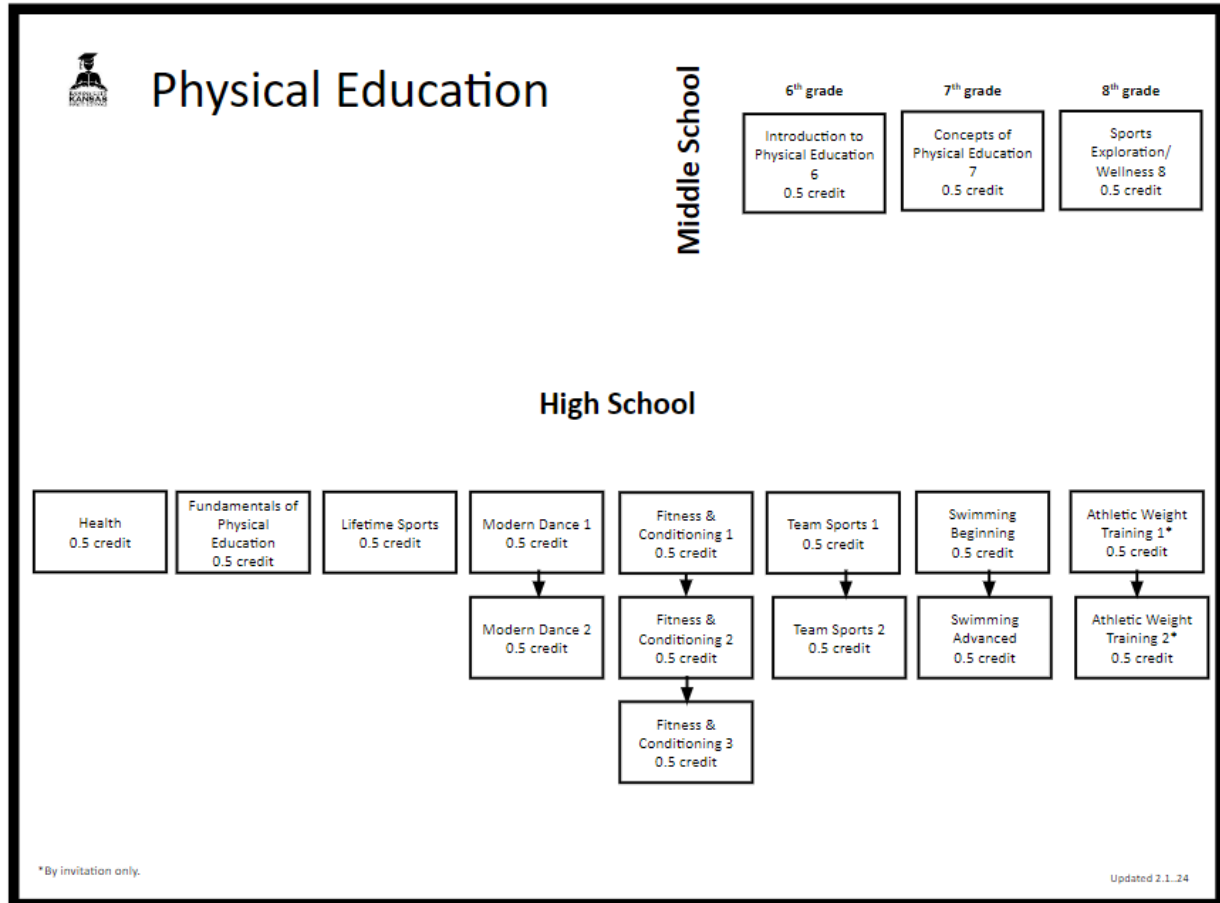
Course #: 03081020
Credit: Full Year

Credit Type: Science
Grade Level: 8

Science (grade 8) builds on previous years of scientific inquiry and includes subject matter from several strands of science, including earth/space sciences, physical sciences, and life sciences, the course organizes material around thematic units based upon the Kansas College and Career Ready Standards for Science.

Physical Education – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Introduction to Physical Education 6	Physical Education	Half Year	No	6	
Concepts of Physical Education 7	Physical Education	Half Year	No	7	
Sports Exploration & Wellness 8	Physical Education	Half Year	No	8	



Introduction to Physical Education 6

Course #: 06061001
Credit: Half Year

Credit Type: Phys Ed
Grade Level: 6

This course introduces knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe techniques; and explore the relationship between physical activity and health.

Concepts of Physical Education 7

Course #: 06071001
Credit: Half Year

Credit Type: Phys Ed
Grade Level: 7

This course involves the development of concepts that provide the foundation for sport, a physically active lifestyle, and social development through physical activity, including knowledge, strategy, and skills. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe techniques; and explore the relationship between physical activity and health.

Sports Exploration & Wellness 8

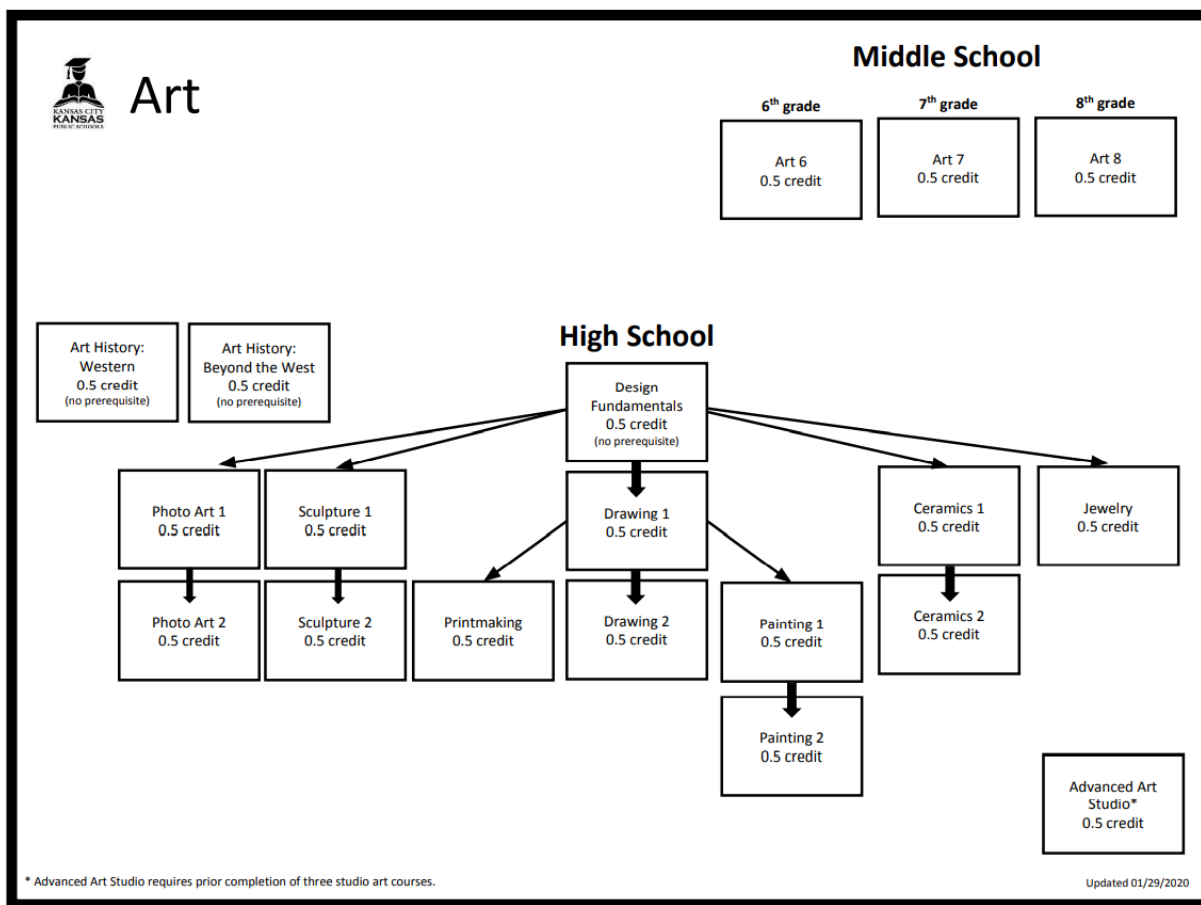
Course #: 06081001
Credit: Half Year

Credit Type: Phys Ed
Grade Level: 8

This course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active and healthy lifestyle while promoting social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe techniques; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) are also included.

Art – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Art 6	Fine Arts	Half Year	No	6	
Art 7	Fine Arts	Half Year	No	7	
Art 8	Fine Arts	Half Year	No	8	



Art 6

Course #: 07061003
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 6

6th Grade Visual Arts is a hands-on project-based course that picks up where students left off in 5th grade. Students will work in two- and three-dimensional mediums that include drawing, painting, design, construction, etc. There will be a focus on the 6th grade visual art standards and an emphasis on the elements and principles of design. This class cannot be repeated.

Art 7

Course #: 07071003
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 7

7th Grade Visual Arts is a hands-on, project-based course that focuses on the continuation of visual arts at the middle school level; however, students do not need to complete 6th grade art to enroll. Students will build off their skill sets in two- and three-dimensional mediums that include drawing, painting, design, construction, etc. There will be a focus on the 7th grade visual art standards and an emphasis on the elements and principles of design. This class cannot be repeated.

Art 8

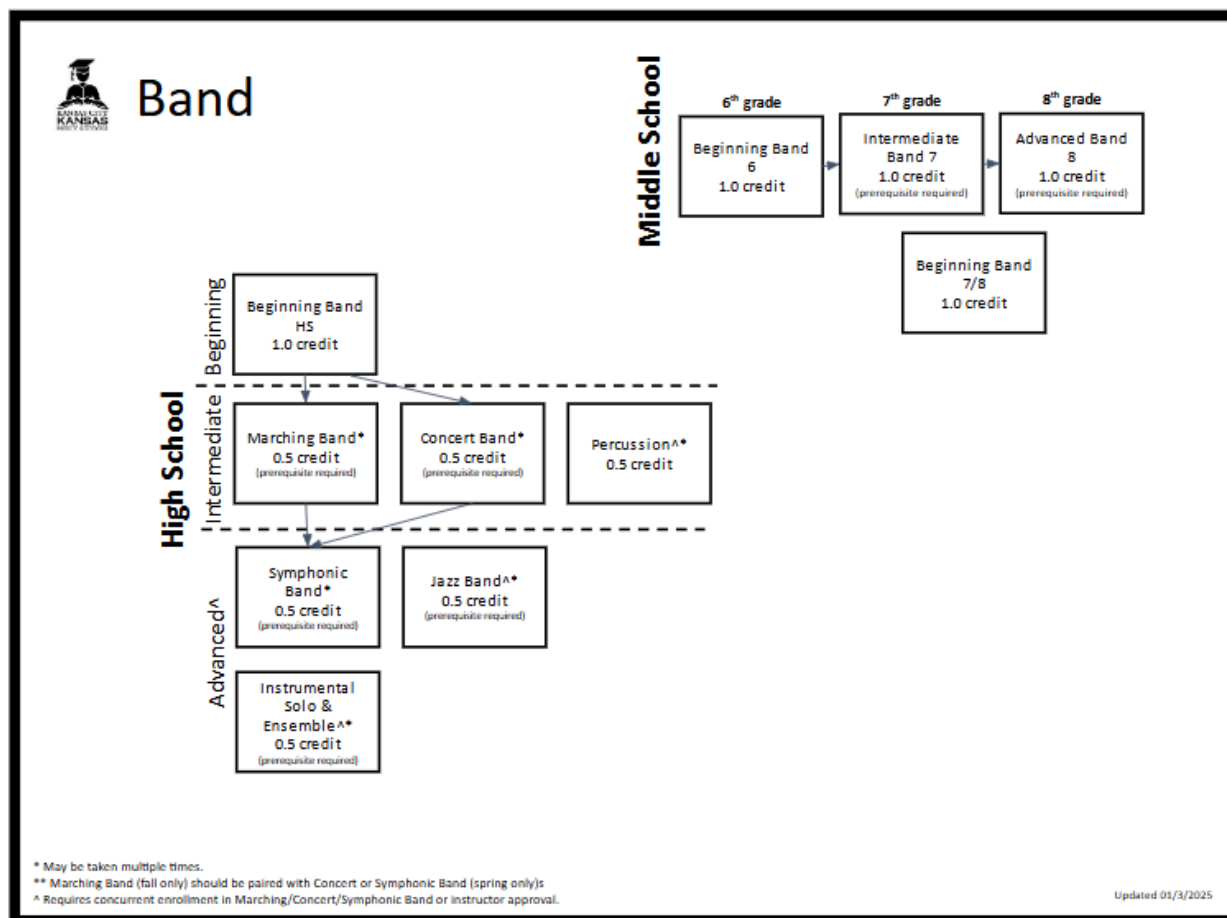
Course #: 07081003
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 8

8th Grade Visual Arts is a hands-on, project-based course that focuses on the continuation of visual arts at the middle school level; however, students do not need to complete 7th grade art to enroll. Students will build off their skill sets in two- and three-dimensional mediums with a focus on building the skills necessary for the visual arts classes at the high school level. There will be a focus on the 8th grade visual art standards and an emphasis on the elements and principles of design. This class cannot be repeated.

Band – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Beginning Band 6	Fine Arts	Full Year	No	6	
Intermediate Band 7	Fine Arts	Full Year	No	7	
Beginning Band 7/8	Fine Arts	Full Year	No	7-8	
Advanced Band 8	Fine Arts	Full Year	No	8	



Beginning Band 6

Course #: 08063002
 Credit: Full Year

Credit Type: Fine Arts
 Grade Level: 6

Band 6 is for students with no prior experience. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Intermediate Band 7

Course #: 08073022
 Credit: Full Year
 Pre-req: prior experience or instructor approval

Credit Type: Fine Arts
 Grade Level: 7

Intermediate Band 7 is for band students with prior experience and who meet prescribed skills in the district scope and sequence. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Beginning Band 7/8

Course #: 08073020
 Credit: Full Year

Credit Type: Fine Arts
 Grade Level: 7-8

Beginning Band 7/8 is for students interested in music reading, rhythmic precision, technical skills, and tone production. This course is designed for 7th and 8th grade students that do not take Band 6 during 6th grade. This course does not require prior band or instrumental experience. Attendance at several evening events is encouraged.

Advanced Band 8

Course #: 08083022

Credit Type: [Fine Arts](#)

Credit: Full Year

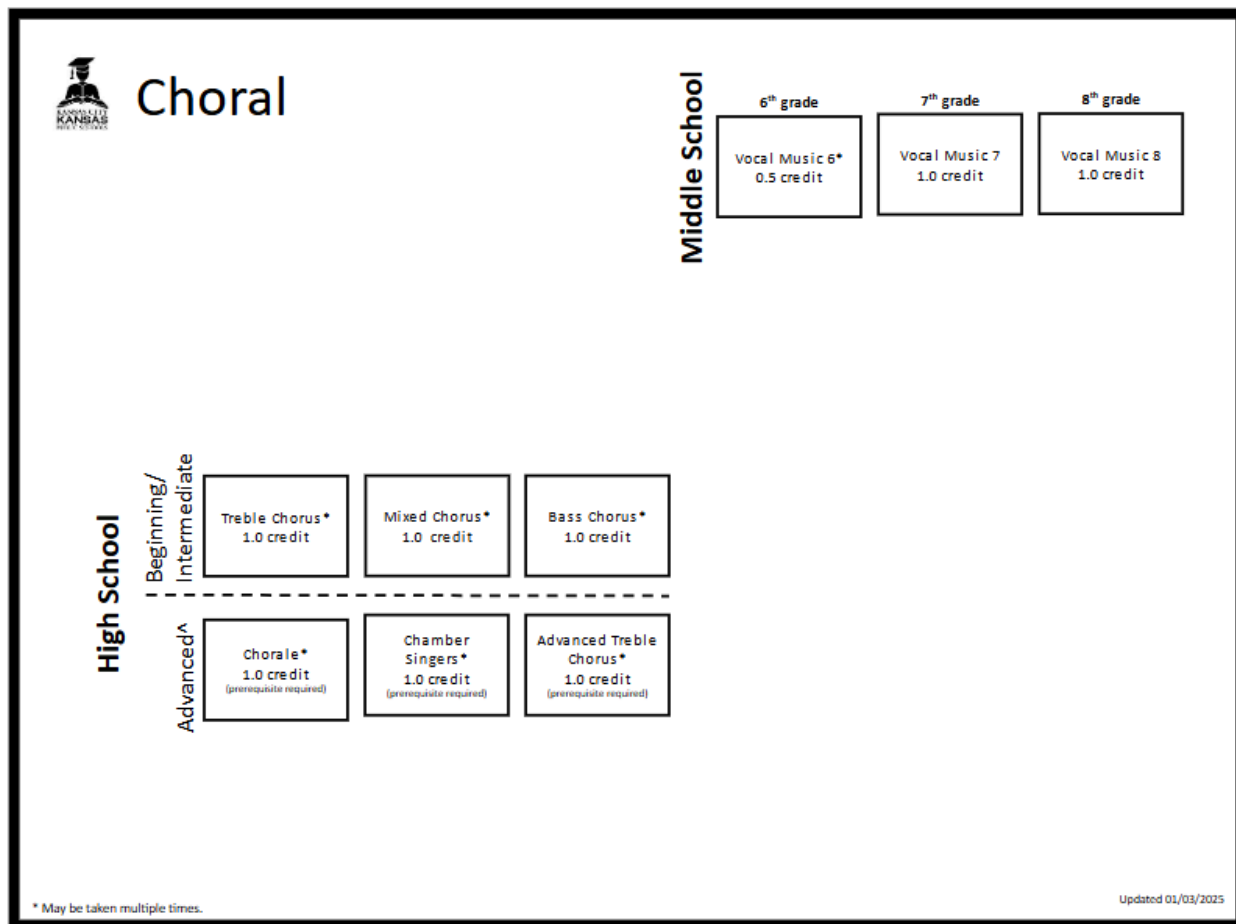
Grade Level: 8

Pre-req: prior experience or instructor approval

Advanced Band 8 is for band students with prior experience and who meet prescribed skills in the district scope and sequence. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Choral – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Vocal Music 6	Fine Arts	Half Year	No	6	May be taken both semesters
Vocal Music 7	Fine Arts	Full Year	No	7	
Vocal Music 8	Fine Arts	Full Year	No	8	



Vocal Music 6

Course #: 08061003
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 6

Vocal Music is for any student interested in singing in a group setting. Students will develop their vocal technique by actively engaging in rehearsals while learning to read music from a variety of times and places. Attendance at evening events is encouraged. This course has no required prerequisites.

Vocal Music 7

Course #: 08071007
Credit: Full Year

Credit Type: Fine Arts
Grade Level: 7

Vocal Music is for any student interested in singing in a group setting. Students will develop their vocal technique by actively engaging in rehearsals while learning to read music from a variety of times and places. Attendance at evening events is encouraged. This course has no required prerequisites.

Vocal Music 8

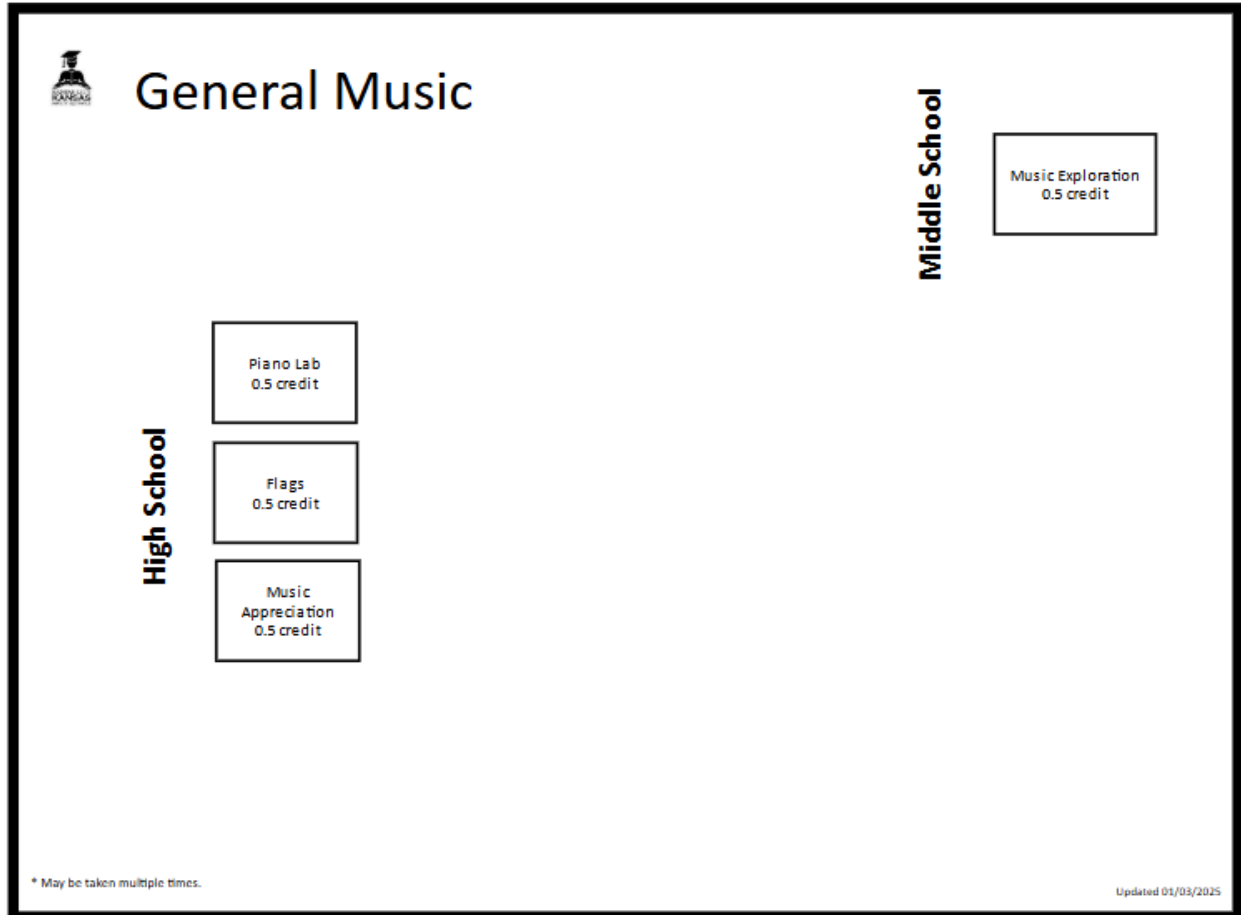
Course #: 08081007
Credit: Full Year

Credit Type: Fine Arts
Grade Level: 8

Vocal Music is for any student interested in singing in a group setting. Students will develop their vocal technique by actively engaging in rehearsals while learning to read music from a variety of times and places. Attendance at evening events is encouraged. This course has no required prerequisites.

General Music - Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Music Exploration	Fine Arts	Half Year	No	6-8	



Music Exploration

Course #: 08065000

Credit: Half Year

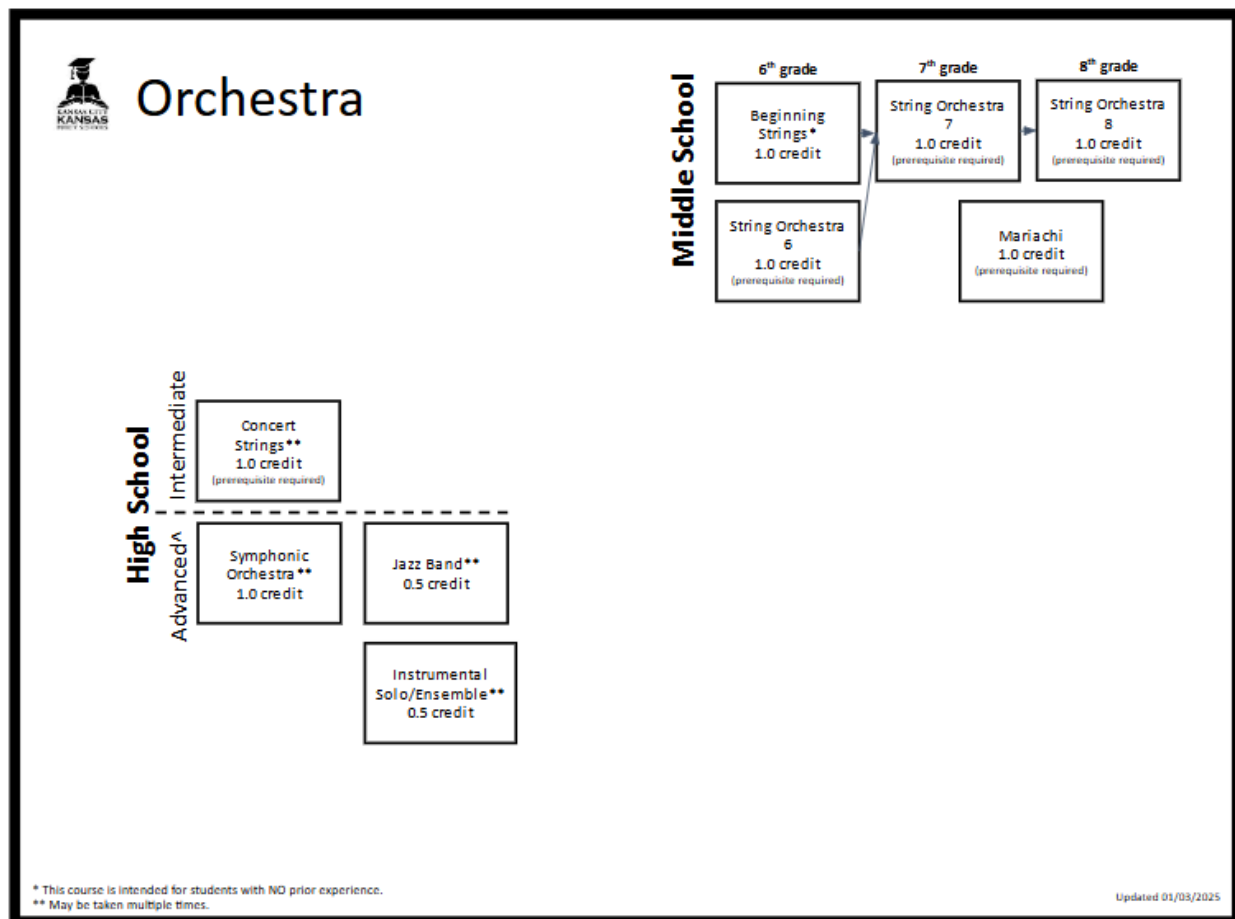
Credit Type: Fine Arts

Grade Level: 6-8

This general music elective provides space for students to explore opportunities in music without the need to meet performance expectations within an ensemble setting. Students will get hands on experience responding to, performing, and creating music while developing their understanding of the elements of music. Students will broaden their experience with musical genres while strengthening their capacity to perform should they choose to move on to join a band, choir, or orchestra class.

Orchestra – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Beginning Strings	Fine Arts	Full year	No	6-8	for student who have no prior instrument experience
Orchestra 6	Fine Arts	Full Year	No	6	
Orchestra 7	Fine Arts	Full Year	No	7	
Orchestra 8	Fine Arts	Full Year	No	8	
Mariachi Esemble	Fine Arts	Full Year	No	6-8	



Beginning Strings

Course #: 08064002
 Credit: Full Year

Credit Type: Fine Arts
 Grade Level: 6-8

Beginning Strings is for students with no prior experience. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Orchestra 6

Course #: 08064022
 Credit: Full Year
 Pre-req: prior experience or instructor approval

Credit Type: Fine Arts
 Grade Level: 6

Orchestra 6 is for students with prior experience playing violin, viola, cello, or bass. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Orchestra 7

Course #: 08074022
 Credit: Full Year

Credit Type: Fine Arts
 Grade Level: 7

Pre-req: prior experience or instructor approval

Orchestra 7 is an intermediate class for orchestra students with prior experience playing violin, viola, cello, or bass. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Orchestra 8

Course #: 08084022

Credit Type: **Fine Arts**

Credit: Full Year

Grade Level: 8

Pre-req: prior experience or instructor approval

Orchestra 8 is an advanced class for orchestra students with prior experience playing violin, viola, cello, or bass. Emphasis will be on music reading, rhythmic precision, technical skills and tone production. Attendance at several evening events is encouraged.

Mariachi Ensemble

Course #: 08076050

Credit Type: **Fine Arts**

Credit: Full Year

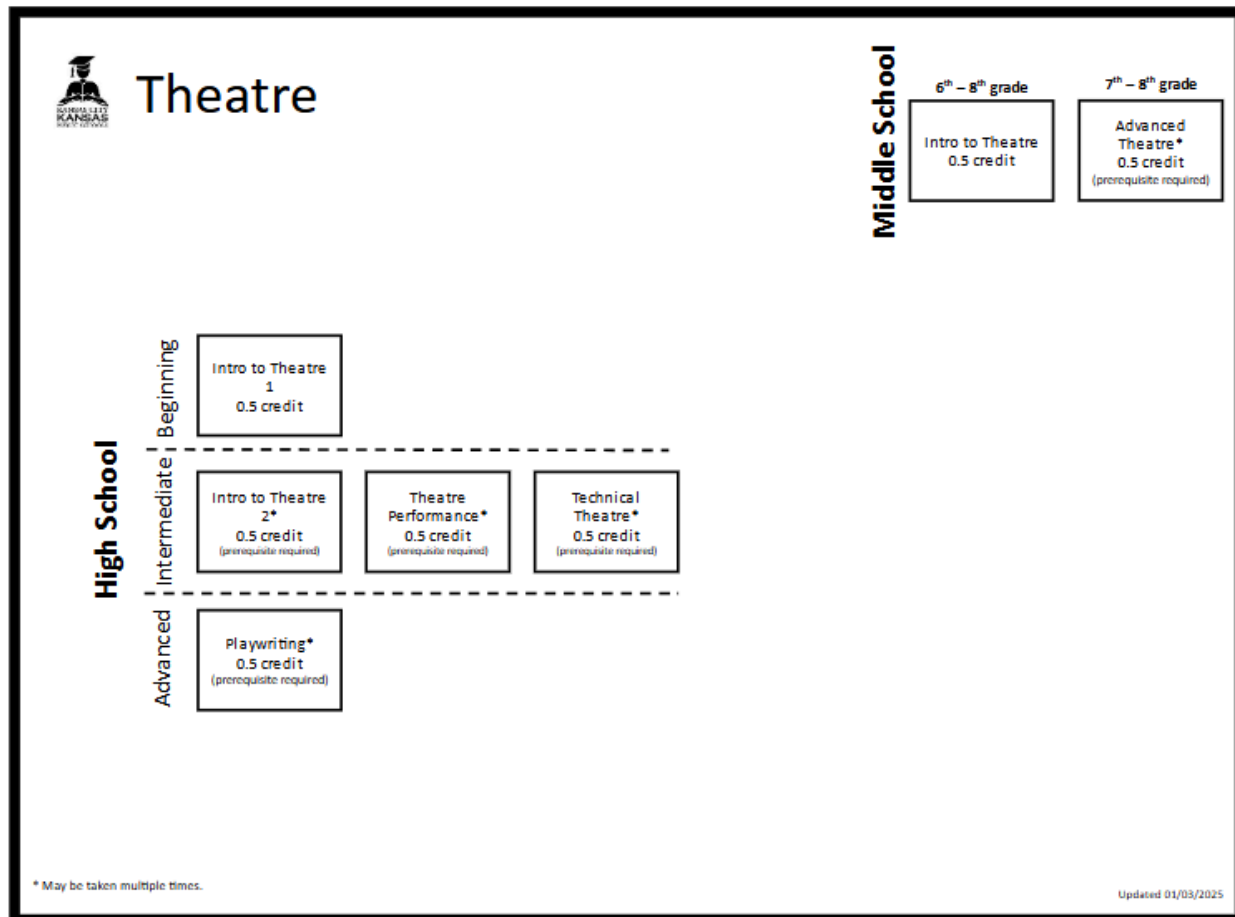
Grade Level: 6-8

Pre-req: prior experience or instructor approval

This is a specialized course for students that want to learn to perform music in a Mariachi ensemble with a characteristic sound and style. This course is open to students that are advanced on violin, trumpet, singing, guitar, vihuela, or guitarron. Students will learn about the history and culture involved in Mariachi music, and apply it to their performance. Attendance at evening events is encouraged. This course may be taken for credit in multiple years.

Theatre – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Introduction to Theatre MS	Fine Arts	Half Year	No	6-8	
Advanced Theatre MS	Fine Arts	Half Year	No	7-8	May be taken more than once



Introduction to Theatre MS

Course #: 09061011
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 6-8

Introduction to Theatre is an introduction to the dramatic arts. All aspects of the theatre will be explored, including acting, improvisation, play types and play structures. Students will actively participate in theatrical exercises to help them explore and develop an appreciation of various art forms and to develop self-awareness, self-confidence, and physical and vocal expression.

Advanced Theatre MS

Course #: 09072011
Credit: Half Year

Credit Type: Fine Arts
Grade Level: 7-8

Advanced Theatre is an advanced course for students who have completed an intro to theatre course and provides an opportunity for continued development of the skills learned during an introductory course. Course content is focused on performance and explores the use of movement, language, character, plot, and other elements of theatrical production to portray real or imaginary experiences. Attendance at evening events is encouraged.

Career & Technical Education – Middle School

Career and Technical Education (CTE) helps students explore career through hands-on learning. These classes combine academics with practical skills to prepare students for the future. Starting CTE in middle school helps students gain valuable skills, build confidence, and discover what they enjoy while preparing for high school.

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Business Essentials	CTE	0.5	No	8	Grade 8 ONLY
Career and Life Planning	CTE	0.5	No	8	Grade 8 ONLY
Computer Applications	CTE	0.5	No	8	Grade 8 ONLY

Business Essentials

Course #: 21520111
Credit: 0.5

Credit Type: [Career and Technical Education](#)
Grade Level: 8

Learn how businesses work and explore careers in business, marketing, and finance! You'll discover key skills like communication, decision-making, and teamwork while exploring how companies stay successful. If you're curious about running or working in a business, this class is a great start!

Career and Life Planning

Course #: 21120111
Credit: 0.5

Credit Type: [Career and Technical Education](#)
Grade Level: 8

Want to build the skills you need for a successful future? This class will teach you how to set goals, manage your time, and make smart decisions. You'll explore careers that match your interests, practice job skills like teamwork and problem-solving, and even create a plan to reach your personal and career goals. It's all about preparing for a bright future at work, home, and in your community!

Computer Applications

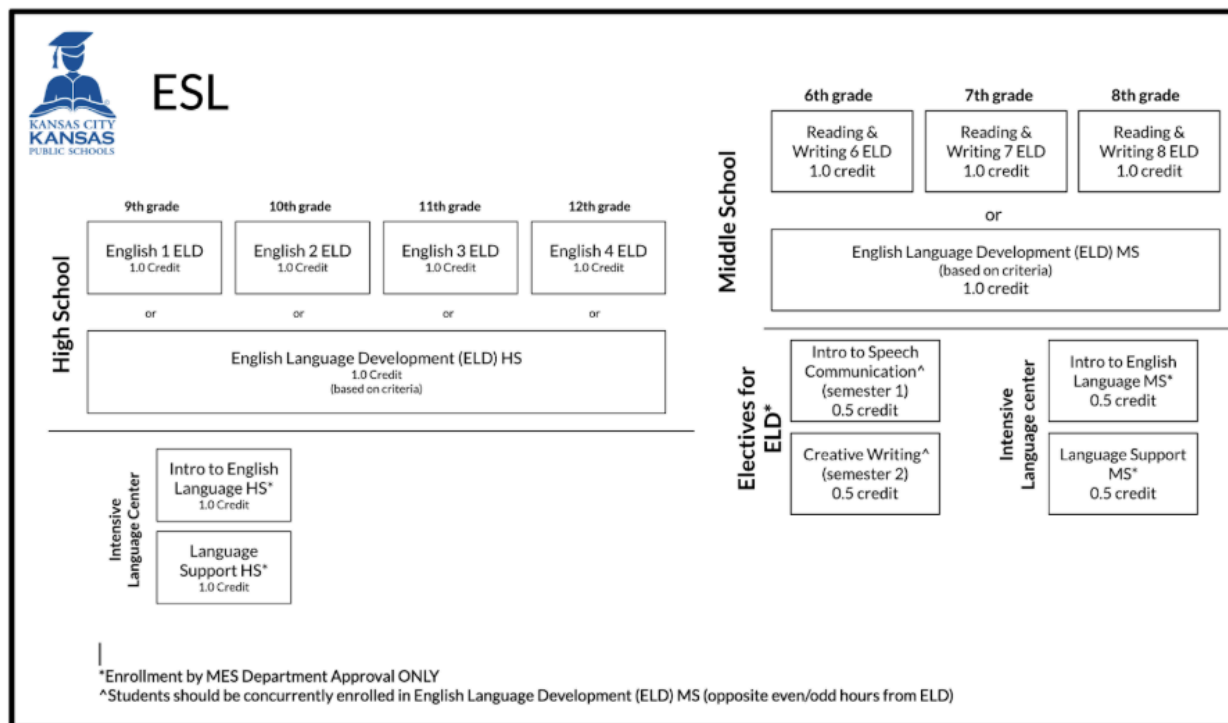
Course #: 21110105
Credit: 0.5

Credit Type: [Career and Technical Education](#)
Grade Level: 8

Get tech-savvy with this hands-on class! You'll learn how to use popular Google tools like Docs, Sheets, and Slides, while also exploring Gmail, internet research, and staying safe online. Plus, you'll build skills that prepare you for advanced computer courses and success in school and beyond.

ESOL – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
English Language Development MS	ELECTIVE	Full Year	No	6-8	Max enrollment 20
Reading & Writing 6 ELD	English	Full Year	No	6	Max enrollment 20
Reading & Writing 7 ELD	English	Full Year	No	7	Max enrollment 20
Reading & Writing 8 ELD	English	Full Year	No	8	Max enrollment 20
Introduction to English Language MS	ELECTIVE	Full year	No	6-8	Central MS ONLY. Enrollment by ESOL department approval ONLY. Must be co-enrolled in Language Support MS.
Language Support MS	ELECTIVE	Full Year	No	6-8	Central MS ONLY. Enrollment by ESOL department approval ONLY. Must be co-enrolled in Introduction to English Language MS.
Introduction to Speech Communication ELD	ELECTIVE	Half Year (FALL)	No	6-8	Students concurrently enrolled in ELD MS
Introduction to Creativing Writing ELD	ELECTIVE	Half Year (Spring)	No	6-8	Students concurrently enrolled in ELD MS



English Language Development MS

Course #: 15061050
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

This course is designed for students with some to adequate formal education in L1, but beginning or early English language proficiency, to begin developing proficiency in reading, writing, listening, and speaking in English. This course is designed to provide foundational language skills for students; therefore, it is to only be taken once by students.

Reading & Writing 6 ELD

Course #: 15061042
Credit: Full Year

Credit Type: English
Grade Level: 6

This Language Arts course is designed for multilinguals still developing their English language proficiency. It builds upon a student's prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and information texts, along with writing tasks appropriate to grade level 6. Students will become proficient at gathering information, evaluating sources, and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration, choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards. This course must be taught by an ESOL endorsed teacher in order to provide scaffolds for the language development while meeting grade-level standards.

Reading & Writing 7 ELD

Course #: 15071042
Credit: Full Year

Credit Type: English
Grade Level: 7

This Language Arts course is designed for multilinguals still developing their English language proficiency. It builds upon a student's prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and information texts, along with writing tasks appropriate to grade level 7. Students will become proficient at gathering information, evaluation sources, and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration, choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

Reading & Writing 8 ELD

Course #: 15081042
Credit: Full Year

Credit Type: English
Grade Level: 8

This Language Arts course is designed for multilinguals still developing their English language proficiency. It builds upon a student's prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Students can expect to read a variety of fiction and non-fiction including novels, short stories, dramas, poetry, and essays. This course provides an integrated balance of reading narrative and informational texts, along with writing tasks appropriate to grade level 8. Students will become proficient at gathering information, evaluating sources, and citing material accurately, reporting findings from their research and analysis of sources in a clear manner. To be college and career ready writers, students must take task, purpose, and audience into careful consideration choosing words, information, structures, and formats deliberately. Through an integrated approach, skills and strategies will be developed and applied through the Kansas College and Career Readiness Standards. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

Introduction to English Language MS

Course #: 15060102
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

(Central Middle School ONLY) – This course is designed for students with limited or no formal education and beginning development in English to develop basic literacy skills in reading, writing, listening, and speaking English. Students enrolled in Introduction to English Language MS must concurrently be enrolled in Language Support MS. Enrollment in the course is by ESOL Department approval only.

Language Support MS

Course #: 15060130
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

(Central Middle School ONLY) – This course is designed for students with limited or no formal education and beginning development in English to develop basic literacy skills in reading, writing, listening, and speaking English. Students enrolled in Language Support MS must concurrently be enrolled in Introduction to English Language MS. Enrollment in the course is by ESOL Department approval only.

Introduction to Speech Communications ELD

Course #: 15068105
Credit: Half Year
Co-Req: English Language Development MS

Credit Type: **ELECTIVE**
Grade Level: 6-8
Other: Fall course only

STUDENTS SHOULD BE CONCURRENTLY ENROLLED IN ENGLISH LANGUAGE DEVELOPMENT MS. This co-curricular course prepares students for a variety of academic and non-academic situations in which public speaking and performance is required. Students will learn how to research, outline, and deliver formal and informal presentations. Students are expected to engage in the research writing and presentation of material. Students will also be expected to analyze fictional and non-fictional pieces to bring characters to life through speaking and/or acting skills.

Introduction to Creative Writing ELD

Course #: 15060130

Credit Type: **ELECTIVE**

Credit: Half Year

Grade Level: 6-8

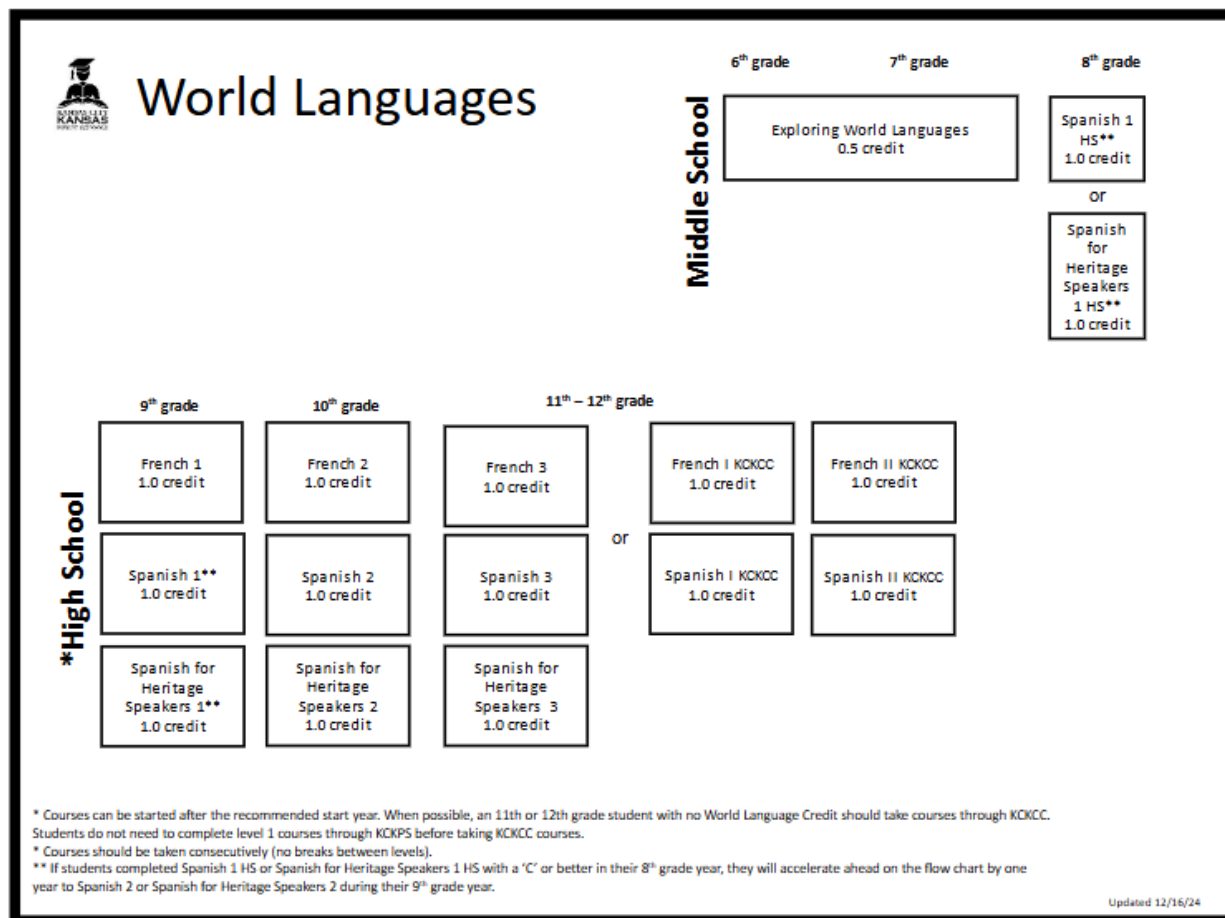
Co-Req: English Language Development MS

Other: Spring course only

STUDENTS SHOULD BE CONCURRENTLY ENROLLED IN ENGLISH LANGUAGE DEVELOPMENT MS. This course is an introduction to the art of creative writing and publishing and is designed for multilinguals currently enrolled in the English Language Development MS course who are still developing their English language proficiency. Class participants will write and revise pieces in a number of genres including personal essays, short stories, poetry, drama and fairy tales among other alternative genres. The focus of this class will be on various process for creating and using mentor texts as inspiration. Students will learn from each other, providing and listening to feedback while learning to engage in a supportive, creative community that empowers individual curiosity and artistic risk-taking. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

World Languages – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Exploring World Languages	World Languages	Half Year	No	6-7	
Spanish 1 HS	World Languages	1.0	No	8	
Spanish Heritage Speakers 1 HS	World Languages	1.0	No	8	



Exploring World Languages

Course #: 10075678
Credit: Half Year

Credit Type: World Languages
Grade Level: 6-7

In this course, students will explore the diversity of language in our community and throughout the world. They will be introduced to the languages spoken and taught within KCK and study what it means to be multilingual according to culture, communities, and communication. Students will begin to compare languages and make connections between language learning and other content areas.

Spanish 1 HS

Course #: 05072002
Credit: 1.0

Credit Type: World Languages
Grade Level: 8

This course is designed for students with little or no experience learning Spanish. Students study basic language structures and vocabulary in context. Students will be able to use individual words and short phrases to speak and write in Spanish and answer basic comprehension questions about information they read and hear. Students will also learn about Hispanic/Latinx culture including practices, products, and perspectives associated with the topics of the course.

Spanish Heritage Speakers 1 HS

Course #: 05071022
Credit: 1.0

Credit Type: World Languages
Grade Level: 8

This course is designed for heritage/native speakers of Spanish at a Novice-High proficiency level. Students will develop, maintain, and enhance proficiency through listening, speaking, reading, and writing. Students will explore the cultures of Hispanic/Latinx communities, including their own, in order to recognize the value of their language and experiences.

STEM – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Automation and Robotics	ELECTIVE	Half Year	No	7	Not available at Carl B Bruce or Central MS
Computer Science for Innovation and Makers	ELECTIVE	Half Year	No	7	
Energy and the Environment	ELECTIVE	Half Year	No	6	Arrowhead and Eisenhower MS ONLY
Medical Detectives	ELECTIVE	Half Year	No	8	
Science of Technology	ELECTIVE	Half Year	No	6	

Automation and Robotics

Course #: 10073627
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 7

(Not available at Carl B Bruce or Central Middle School) Students team up to design and build solutions to real-world challenges using automation and robotics as they step into the role of an innovator. They will use cutting-edge skills in construction and programming to create and automate their very own machines. As they learn new skills they will take on the role of an intern, choosing a real-world problem to tackle.

Computer Science for Innovation and Makers

Course #: 10074523
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 7

In this course students work in teams discovering where technology meets imagination while solving exciting, real-world challenges related to wearable technology, interactive art, and mechanical devices. Students become a computer part to see how it all works and then create and program a high-tech security system to protect important secrets. Next they design and build a wearable device that can help people or animals in real-life situations.

Energy and the Environment

Course #: 10076025
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6

(Arrowhead and Eisenhower Middle School ONLY) In this hands-on course, students explore creative ways to power the world while protecting it for future generations. They will dive into the big challenge: how to economically harness, store, and deliver renewable energy like solar and wind. Then, they take the spotlight as they present their own alternative solutions to a global energy problem. Finally, they discover simple, impactful ways to reduce their own energy use and make a real difference in the world around them.

Medical Detectives

Course #: 10091023
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 8

In Medical Detectives students become the investigator solving real-life medical mysteries! Students collect and analyze medical data to diagnose diseases, just like real doctors and scientists. They take part in hands-on projects and labs, where students measure and interpret vital signs to uncover clues, dissect a sheep brain to explore how the human brain works (and what happens when it doesn't!), and investigate how diseases spread and work to stop outbreaks in their tracks.

Science of Technology

Course #: 10078325
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6

This class is all about teaming up to tackle real-world challenges, like fighting hunger and saving the environment. Students get hands-on experience making ice cream by hand (yes, they get to eat it!), creating their own super glue, and even cleaning up an oil spill like a real-life scientist. Next, they dive into the fascinating world of nanotechnology and discover how tiny innovations are shaping the future. Plus, they explore the magic of simple machines and put their creativity to the test as their team designs their very own roller coaster!

Additional Electives – Middle School

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
AVID 06	ELECTIVE	Full Year	No	6	
AVID 07	ELECTIVE	Full Year	No	7	
AVID 08	ELECTIVE	Full Year	No	8	
Career Exploration	ELECTIVE	Half Year	No	6-8	
Data in Action	ELECTIVE	Half Year	No	8	
Exploring Computers	ELECTIVE	Half Year	No	6-7	
KS Jobs for Americas Grads – MS	ELECTIVE	Full Year	No	6-8	Carl B Bruce MS ONLY

AVID 06

Course #: 99062010
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 6

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent class, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

AVID 07

Course #: 99072010
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 7

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent class, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

AVID 08

Course #: 99082010
Credit: Full Year

Credit Type: **ELECTIVE**
Grade Level: 8

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent class, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

Career Exploration

Course #: 10073021
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6-8

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests, with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

Data in Action

Course #: 10091025
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 8

This course will introduce students to the main ideas in data science. Students will learn to be data explorers in project-based units, through which they will develop their understanding of data analysis, the basics of programming, simulations, modeling with data, making and evaluating data-based arguments, the power of data in society, and more! Students will apply their data science skills to complete an introductory Community Impact Project and take the NC3 Data Analysis Industry Recognized Credential to earn their first Market Value Asset.

Exploring Computers

Course #: 10061021
Credit: Half Year

Credit Type: **ELECTIVE**
Grade Level: 6-7

This elective course explores basic computer applications, internet safety, and software development.

KS Jobs for Americas Grads - MS

Course #: 19061001

Credit Type: **ELECTIVE**

Credit: Full Year

Grade Level: 6-8

(Carl B Bruce Middle School ONLY). Content information available from building administration and JAG teachers.

High School Credits – Middle School

High School Credit:

High school credit for successful completion of outcomes shall be based on the grades determined by the student's teachers of record for the courses in which the student is enrolled each semester. High school credit shall be awarded for the letter grades of "A", "B", "C", "D" or "P" if in accordance with an approved Pass/Not Passed option. High school credit shall not be awarded for grades of "F" or "I" for incomplete. With the exception of quarter credit classes, all course credits will be issued on a semester basis.

Each high school shall organize its program on the basis of units of credit. "Unit of credit" means one unit of credit earned for satisfactory completion of any approved subject taught for a minimum of one class period for two semesters or two class periods for one semester. One-half unit of credit shall be earned for approved subjects taught for a minimum of one class period for one semester or two class periods for one quarter.

Course Name	Credit Type	Credit	College Credit	Grade	Other Information
Algebra 1+ HS	Math	1.0	No	8	Grade 8 ONLY - See description in Math
Business Essentials	CTE	0.5	No	8	See description in CTE
Career and Life Planning	CTE	0.5	No	8	See description in CTE
Computer Applications	CTE	0.5	No	8	See description in CTE
Spanish 1 HS	World Languages	1.0	No	8	Grade 8 ONLY - See description in World Languages
Spanish Heritage Speakers 1 HS	World Languages	1.0	No	8	Grade 8 ONLY - See description in World Languages

High School Grading Policy

IHA – Grading System Policy from School/Parent Handbook

The purpose of grading shall be to communicate student learning with students and parents/guardians. The communication shall be as such to invite participation within the student’s learning process. Grades shall communicate student learning relative to clearly stated instructional expectations based on the standards of the content. Grades shall be mainly determined by assessments in the form of, but not limited to written tests, essays, science experiments, multimedia presentations, products, performances, works of art, speeches, demonstrations, etc. Daily assignments, class participation, application of skills, etc. can be considered as a portion of the grade.

Report cards for all students shall be sent home and posted in the online gradebook four times a year at the end of a quarter. In addition, progress reports for all students shall be issued at the midpoint of each quarter. Grades shall be updated in the online gradebook each week (approximately 10 per quarter) to keep everyone informed of student progress.

Grading Scale:

All student work is based on standards. Grades cannot be explicitly used for reward or punishment. Grading practices cannot place a student in a situation where he/she is doomed to fail mid-year with no recourse.

Grade Scales-Student performance shall be communicated using the appropriate grade-level scale.

The scale for reporting grades in Grades 6 through 12.

- ❖ A – 90-100%
- ❖ B – 80-89%
- ❖ C – 70-79%
- ❖ D – 60-69%
- ❖ F – 59% or below
- ❖ I – Incomplete

High School Credit:

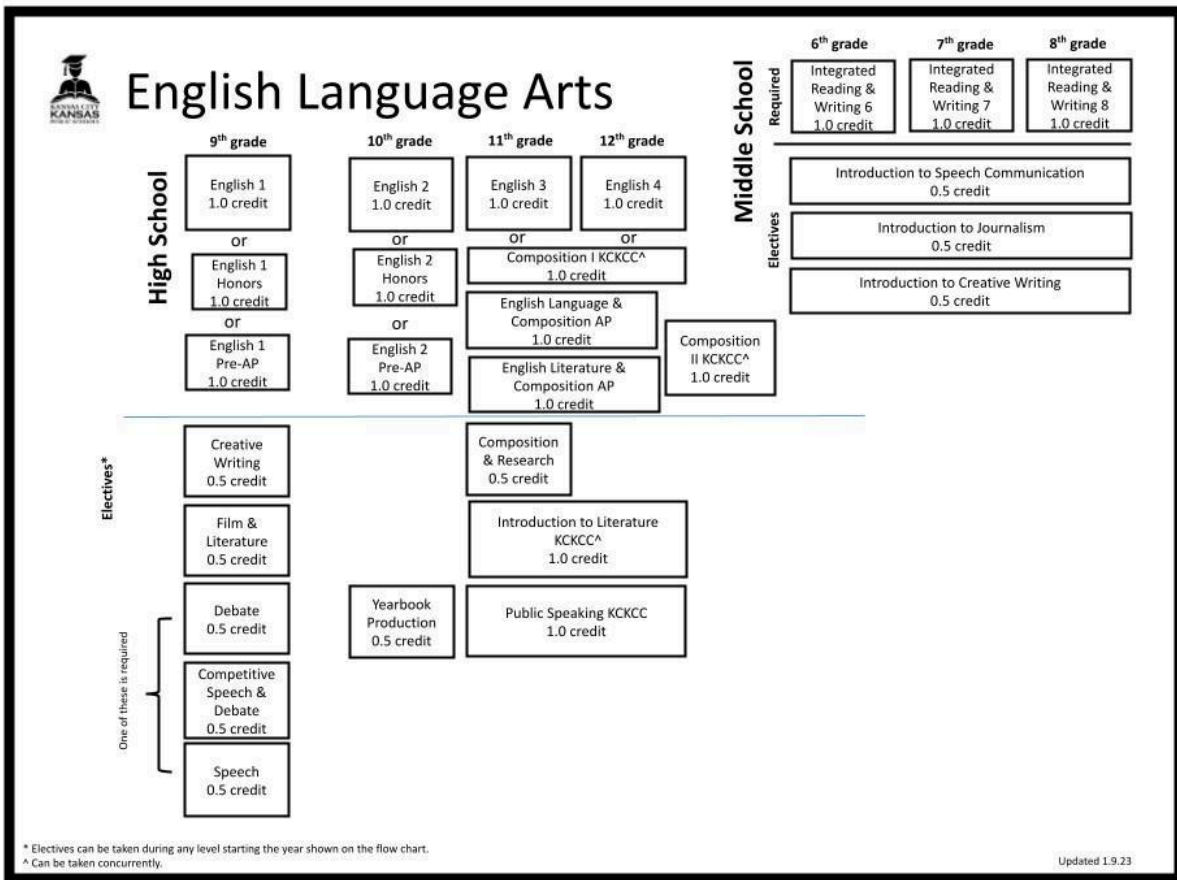
High school credit for successful completion of outcomes shall be based on the grades determined by the student’s teachers of record for the courses in which the student is enrolled each semester. High school credit shall be awarded for the letter grades of “A”, “B”, “C”, “D” or “P” if in accordance with an approved Pass/Not Passed option. High school credit shall not be awarded for grades of “F” or “I” for incomplete. With the exception of quarter credit classes, all course credits will be issued on a semester basis.

Each high school shall organize its program on the basis of units of credit. “Unit of credit” means one unit of credit earned for satisfactory completion of any approved subject taught for a minimum of one class period for two semesters or two class periods for one semester. One-half unit of credit shall be earned for approved subjects taught for a minimum of one class period for one semester or two class periods for one quarter.

High School Courses

English Language Arts – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
English 1	English	1.0	No	No	9-12	
English 1 Honors	English	1.0	No	No	9-12	
English 2	English	1.0	No	Yes	10-12	
English 2 Honors	English	1.0	No	Yes	10-12	
English 3	English	1.0	No	Yes	11-12	
English 4	English	1.0	No	Yes	11-12	
Composition I KCKCC	English	1.0	Yes	Yes	11-12	
Composition II KCKCC	English	1.0	Yes	Yes	11-12	
Creative Writing	ELECTIVE	0.5	No	No	9-12	
Classic Film & Literature	ELECTIVE	0.5	No	No	9-12	
Debate	ELECTIVE	0.5	No	No	9-12	
Competitive Speech & Debate	ELECTIVE	0.5	No	No	9-12	
Speech	ELECTIVE	0.5	No	No	9-12	
Yearbook Production	ELECTIVE	1.0	No	No	10-12	
Composition & Research	ELECTIVE	0.5	No	No	11-12	
Introduction to Literature KCKCC	English	1.0	Yes	Yes	11-12	
Public Speaking KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	
English 1 Pre-AP	English	1.0	No	No	9-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
English 2 Pre-AP	English	1.0	No	No	10-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
English 3 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY
English 4 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY
English Language & Composition AP	English	1.0	No	No	11-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
English Language & Literature 3 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY
English Language & Literature 4 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY
English Literature & Composition AP	English	1.0	No	No	11-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
Personal/Professional Skills 1 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Personal/Professional Skills 2 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Research Project IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Theory of Knowledge 1 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Theory of Knowledge 2 IB	ELECTIVE	0.5	No	No	11-12	Sumner Academy ONLY



English 1

Course #: 01091020
Credit: 1.0

Credit Type: English
Grade Level: 9-12

English 1 is a standards-based course focusing on thematic units of study appropriate to grade level 9. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author’s craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

English 1 Honors

Course #: 01091042
Credit: 1.0

Credit Type: English
Grade Level: 9-12

English 1 Honors is a standards-based course focusing on thematic units of study as in English 1. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author’s craft and textual structures in order to integrate ideas and details into well written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. Students should expect varying reading and writing tasks than those assigned in English 1. This course requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.

English 2

Course #: 01101020
Credit: 1.0
Pre-Req: English 1 or English 1 Honors

Credit Type: English
Grade Level: 10-12

English 2 is a standards-based course focusing on thematic units of study appropriate to grade level 10. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students

analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

English 2 Honors

Course #: 01101042
Credit: 1.0
Pre-Req: English 1 or English 1 Honors

Credit Type: English
Grade Level: 10-12

English 2 Honors is a standards-based course focusing on thematic units of study as in English 2. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. Students should expect varying reading and writing tasks than those assigned in English 2. This course requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.

English 3

Course #: 01111020
Credit: 1.0
Pre-Req: English 2 or English 2 Honors

Credit Type: English
Grade Level: 11-12

English 3 is a standards-based course focusing on thematic units of study appropriate to grade level 11. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

English 4

Course #: 01121020
Credit: 1.0
Pre-Req: English 3, Composition I KCKCC, Intro to Literature KCKCC

Credit Type: English
Grade Level: 11-12

English 4 is a standards-based course, focusing on thematic units of study appropriate to grade level 12. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

Composition I KCKCC

Course #: 01109021
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score **or** high school GPA 3.0+ and 'B' **or** better in most recent English or ACT Reading/English 18 (SAT 500)

Credit Type: English
Grade Level: 11-12
College Credit Earned: 3 hours

This is the high school course for KCKCC ENGL-0101 - Composition I, 3 credit hours KCKCC Description: Composition 101 is the first of two required composition courses. It 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. Pre-requisites: Accuplacer Score of 255+ on Reading AND Writing or ACT English Score of 18+.

Composition II KCKCC

Course #: 01119011
High School Credit: 1.0
Pre-Req: successful completion of Composition I KCKCC

Credit Type: English
Grade Level: 11-12
College Credit Earned: 3 hours

This is the high school course for KCKCC ENGL-0102 - Composition II, 3 credit hours KCKCC Description: Composition 102 is the second of two required composition courses. A continuation of ENGL-0101, Composition I, this course emphasizes research, bibliographic, and writing skills. Students write a minimum of four (4) graded documented essays in MLA format. Pre-requisites: Completion of Composition I, Engl 0101 w/ grade C or higher. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Debate

Course #: 01095011
Credit: 0.5

Credit Type: English
Grade Level: 9-12

This fall semester course is designed to support students to prepare and perform in debate competitions. This course offers students the opportunity to learn how to use oral skills in formal and informal situations. Students will be able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. This course introduces students to the methods, aims, and styles used in various kinds of debates. Students are

expected to participate in at least four interscholastic tournaments. Tournaments take place outside of the regular school day and may include weekends.

Competitive Speech & Debate

Course #: 01095061
Credit: 0.5

Credit Type: English
Grade Level: 9-12

This spring semester course is designed to help students prepare and perform in public speaking, acting, and/or debate competitions. Students will learn skills such as oral interpretation of literature, logic and reasoning, the organization of thought and supporting materials, and effective presentation of one's voice and body. The student is expected to participate in at least two of the above-mentioned areas in at least three Friday/Saturday interscholastic tournaments/competitions.

Speech

Course #: 01093001
Credit: 0.5

Credit Type: English
Grade Level: 9-12

This semester course examines speech situations relevant to a high school student. Detailed work on research, outlining, and organization are covered in this course. Basic research and techniques of effective delivery are developed through various types of speeches. Thinking, language, bodily action and voice are studied to increase proficiency and the development of logical reasoning. The student studies the prime factors in speech-making: the speaker, the audience, the development of the subject, and the choice of language. Activities help the student overcome inhibitions and achieve a style of speaking which is correct, effective, and as natural as possible.

Introduction to Literature KCKCC

Course #: 01102033
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score or high school GPA 3.0+ and 'B' or better in most recent English or ACT Reading/English 18 (SAT 500)

Credit Type: English
Grade Level: 11-12
College Credit Earned: 3 hours

This is the high school course for KCKCC ENGL-0104 - Introduction to Literature, 3 credit hours KCKCC Description: Introduction to Literature explores the literary elements of the short story, poem, novel, play, and essay. As students read and discuss representative works by well-known authors, they will form baseline knowledge regarding a writer's style and the distinctive features of different genres. Moreover, students will come to understand their own literary preferences while developing an appreciation for quality literature. Pre-requisites: Accuplacer Score of 255+ on Reading AND Writing or ACT English Score of 18+. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

English 1 Pre-AP

Course #: 01091055
Credit: 1.0

Credit Type: English
Grade Level: 9-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) English 1 is a standards-based course focusing on thematic units of study appropriate to grade level 9. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

English 2 Pre-AP

Course #: 01101055
Credit: 1.0

Credit Type: English
Grade Level: 10-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) English 2 is a standards-based course focusing on thematic units of study appropriate to grade level 10. The curriculum comprises a variety of literary and informational text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluating the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies.

English 3 IBH

Course #: 01141002
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Sumner Academy ONLY) IB Language A (English) courses prepare students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and

authors and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve students accuracy and fluency in the English language.

English 4 IBH

Course #: 01141012
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Sumner Academy ONLY) IB Language A (English) courses prepare students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve student's accuracy and fluency in the English language.

English Language & Composition AP

Course #: 01111402
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

English Language & Literature 3 IBH

Course #: 01141022
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Sumner Academy ONLY) The language and literature course introduces the critical study and interpretation of written and spoken texts from a wide range of literary forms and non-literary text-types. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. This course is organized into three areas of exploration and several central concepts, and focuses on the study of both literary or non-literary texts. Together, the three areas of exploration of the course allow the student to explore the language in question through its cultural development and use, its media forms and functions, and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.

English Language & Literature 4 IBH

Course #: 01141032
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Sumner Academy ONLY) The language and literature course introduces the critical study and interpretation of written and spoken texts from a wide range of literary forms and non-literary text-types. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. This course is organized into three areas of exploration and several central concepts, and focuses on the study of both literary or non-literary texts. Together, the three areas of exploration of the course allow the student to explore the language in question through its cultural development and use, its media forms and functions, and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.

English Literature & Composition AP

Course #: 01111406
Credit: 1.0

Credit Type: English
Grade Level: 11-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. (Rev. Jan. 2020)

Personal/Professional Skills 1 IB

Course #: 01147022
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Personal and Professional Skills is designed for students to develop attitudes, skills and strategies to be applied to personal and professional situations and contexts now and in the future. In this course, the emphasis is on skill development for the

workplace, as these skills are transferable and can be applied in a range of situations. (IBO.org) Themes such as the thinking processes, intercultural understanding, effective communication, personal development, and applied ethics will be covered in this 3-semester course. The following 3 aspects of the CORE are monitored during the PPS class and are part of the completion requirements for the CP program. A separate "research project" half credit is earned first semester of senior year for the successful Reflective Project completion.

Personal/Professional Skills 2 IB

Course #: 01147024
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) PPS is designed for students to develop attitudes, skills and strategies to be applied to personal and professional situations and contexts now and in the future. In this course, the emphasis is on skill development for the workplace, as these skills are transferable and can be applied in a range of situations. (IBO.org) Themes such as the thinking processes, intercultural understanding, effective communication, personal development, and applied ethics will be covered in this 3-semester course. The following 3 aspects of the CORE are monitored during the PPS class and are part of the completion requirements for the CP program. A separate "research project" half credit is earned first semester of senior year for the successful Reflective Project completion.

Creative Writing

Course #: 01113001
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 9-12

Creative Writing offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. This course may cover several expressive forms, or concentrate exclusively on one particular form (such as poetry or playwriting). This semester-course focuses on the process and products of creative writing. In this class, students will examine models of writing, including exemplary representations and authors, and they will create their own original pieces in various genres, including poetry, short stories, essays, dramas and other modes. This course may cover several expressive forms, or concentrate exclusively on one particular form (such as poetry or playwriting).

Classic Film & Literature

Course #: 011290512
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 9-12

This half credit semester-course focuses on four objectives: to familiarize students with film genres, terminology, and techniques; to analyze film through literary modes; to sharpen critical analysis of all aspects of film; and to instill an appreciation of film as a cultural medium and an art form, not just entertainment. Students will examine works presented in two different media to gain insight and understanding into the workings of those media, including their biases and their strengths.

Yearbook Production

Course #: 01106012
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 10-12

This course is designed to develop students' skills in yearbook production by providing experiences in selected aspects of yearbook production. Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate technology tools for media production. Yearbook Production supports student's development as writers, photographers, editors, independent users of technology, and overall responsible contributing members of their school community.

Composition & Research

Course #: 01119001
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 11-12

Composition and Research involves a refinement of composition skills with special focus on those skills necessary to conduct a successful research project or Senior Exhibition. Students should be scheduled in sections according to their selected graduation paths. Students will select and narrow a topic relating to their chosen graduation paths, create a working bibliography, evidence from a variety of sources, develop note cards, organize their note cards to create an outline, develop a thesis, write an effective introduction and conclusion, use appropriate (according to area of study) documentation in the MLA, APA, or other format, write an effective body, include a bibliography of works cited, and produce a quality final product. The course also introduces students to a variety of on-line services and databases to assist in research and writing. (Note: Students will be exposed to Chicago style citations, but MLA and APA citation style(s) are emphasized.)

Public Speaking KCKCC

Course #: 01113042
High School Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score **or** high school GPA 3.0+ and College Credit Earned: 3 hours
'B' **or** better in most recent English or ACT Reading/English 18 (SAT 500)

This is the high school course for KCKCC SPCH-0151 - Public Speaking, 3 credit hours KCKCC Description: This is a basic speech course dealing with the oral communication process through the study of public speaking. Students will learn to select topics, analyze their audience, organize and gather support for a speech, improve delivery skills and reduce communication apprehension, listen for information and evaluation purposes, and distinguish between different types of speeches. Each student will develop and deliver a minimum of four speeches during the course. Pre-requisites: Accuplacer Score of 255+ on Reading AND Writing or ACT English Score of 18. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Research Project IB

Course #: 01147011
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Research/Technical Writing classes prepare students to write research papers and/or technical reports. These classes emphasize researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style.

Theory of Knowledge 1 IB

Course #: 01147012
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

Theory of Knowledge I is designed to encourage students to integrate knowledge from various academic disciplines by looking at their interrelationship. Students also reflect upon previously acquired knowledge and explore the questions "What do I know?" and "How do I know it?" by looking at how opinions and beliefs compare and contrast to faith, truth and knowledge. In addition, students are asked to analyze moral and political issues as well as aesthetic values and judgements.

Theory of Knowledge 2 IB

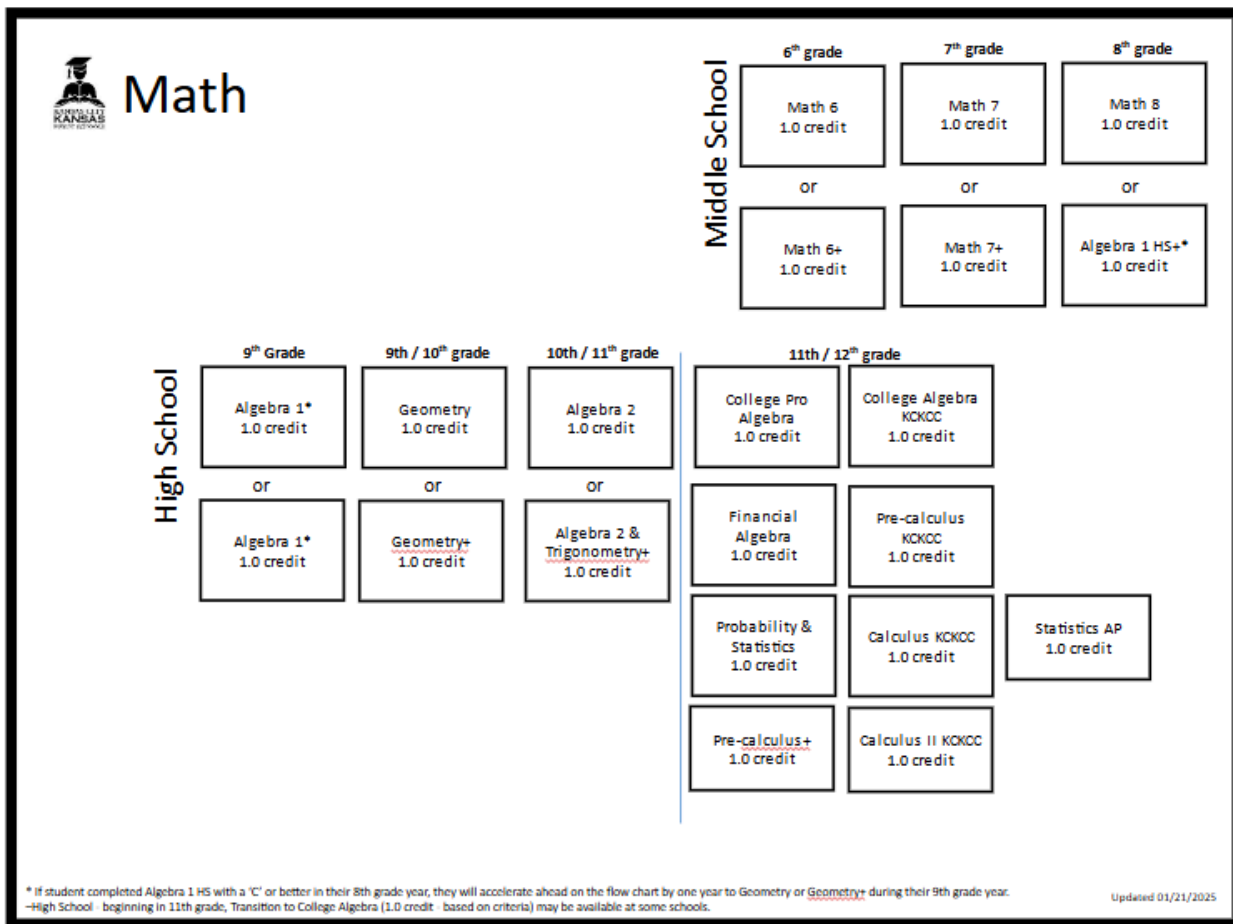
Course #: 01147014
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 11-12

Theory of Knowledge II is a continuation of the first in terms of content and objectives. Students will be guided to: critically analyze knowledge claims; demonstrate understanding of differing perspectives on knowledge issues; clearly communicate their supported personal responses to knowledge issues. They will read articles on a variety of topics and discuss or write their reactions and analyses. They will prepare for and deliver the IB oral assessment and write the IB essay assessment. They will discuss and write about their CAS volunteer experiences. During the first semester they will also spend time working on their extended essays.

Mathematics – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Algebra 1	Math	1.0	No	No	9-12	
Algebra 1+	Math	1.0	No	No	9-12	
Geometry	Math	1.0	No	Yes	9-12	
Geometry+	Math	1.0	No	Yes	9-12	
Algebra 2	Math	1.0	No	Yes	10-12	
Algebra 2/Trigonometry+	Math	1.0	No	Yes	10-12	
College Prep Algebra	Math	1.0	No	Yes	11-12	
Financial Algebra	Math	1.0	No	Yes	11-12	
Probability & Statistics	Math	1.0	No	Yes	11-12	
Pre-calculus+	Math	1.0	No	Yes	11-12	
College Algebra KCKCC	Math	1.0	Yes	Yes	11-12	
Pre-calculus KCKCC	Math	1.0	Yes	Yes	11-12	
Calculus KCKCC	Math	1.0	Yes	Yes	11-12	
Calculus II KCKCC	Math	1.0	Yes	Yes	11-12	
Statistics AP	Math	1.0	No	No	11-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
Statistics KCKCC	Math	1.0	Yes	Yes	11-12	
Trigonometry KCKCC	Math	1.0	Yes	Yes	11-12	
Math Analysis & Approach 1 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Analysis & Approach 1 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Analysis & Approach 2 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Analysis & Approach 2 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Applications & Interpretation 1 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Applications & Interpretation 1 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Applications & Interpretation 2 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY
Math Application & Interpretation 2 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY



Algebra 1

Course #: 02091920
 Credit: 1.0
 Prerequisite: Math 8

Credit Type: Math
 Grade Level: 9-12

The critical areas in Algebra 1 deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. Algebra 1 is a high school level course and is also available to all 8th grade students based on the recommendation of the 7th grade math teacher or successful completion of Math 7 Honors.

Algebra 1+

Course #: 02091030
 Credit: 1.0
 Prerequisite: Math 8

Credit Type: Math
 Grade Level: 9-12

Algebra 1+ is available for students seeking to be academically challenged. The course expands and enriches the critical content of Algebra 1 to prepare students for future academic success in mathematics, catering to students pursuing college credit classes at the high school level. Any student can access this course.

Geometry

Course #: 02101940
 Credit: 1.0
 Pre-Req: Algebra 1 or Algebra 1+

Credit Type: Math
 Grade Level: 9-12

Geometry offers a formalized and extended exploration of geometric and algebraic principles. The course emphasizes deepening geometric relationships through logical arguments, fostering a robust understanding of similarity, constructing evidence-based arguments using properties and theorems, and exploring the connection between the coordinate system and previously learned topics. Students apply these geometric concepts to model real-world situations, reinforcing the practical applications of geometry in various contexts.

Geometry+

Course #: 02092026

Credit Type: Math

Credit: 1.0

Grade Level: 9-12

Pre-Req: Algebra 1 or Algebra 1+

Geometry+ is an advanced course that offers an in-depth exploration of essential Geometry concepts, providing a richer and more intellectually stimulating experience. While this course doesn't offer college credit, its primary objective is to prepare students for sustained academic excellence in mathematics. It sets a strong foundation for those who wish to pursue college-level mathematics courses later in high school.

Algebra 2

Course #: 02101040

Credit Type: Math

Credit: 1.0

Grade Level: 10-12

Pre-Req: Geometry

Algebra 2 builds on work with linear, quadratic, and exponential functions; students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and solve equations, including quadratic equations, over the set of complex numbers and solving exponential equations using the properties of logarithms.

Algebra 2/Trigonometry+

Course #: 02102240

Credit Type: Math

Credit: 1.0

Grade Level: 10-12

Pre-Req: Geometry or Geometry+

This course extends student understanding of mathematical functions to include polynomial, rational, and radical functions. Throughout the course, students will work closely with the expressions that define these functions, expanding and refining their abilities to model real-world situations and solve various equations. This includes the mastery of solving quadratic equations over a set of complex numbers and exponential equations using the properties of logarithms. Additionally, the curriculum emphasizes trigonometric ratios and their applications.

College Prep Algebra

Course #: 02111060

Credit Type: Math

Credit: 1.0

Grade Level: 11-12

Pre-Req: Algebra 2 or Algebra 2 & Trigonometry+

College Prep Algebra is available for students after completing either Algebra 2 or Algebra 2 & Trigonometry Honors. The purpose of this course is to prepare students to be successful in College Algebra. Instruction emphasizes a more in depth look at quadratic and polynomial equations with real and complex solutions, exponential and logarithmic equations and functions, and rational expressions. Other topics include transformations, sequences and series, conics, and trigonometry.

Financial Algebra

Course #: 02111040

Credit Type: Math

Credit: 1.0

Grade Level: 11-12

Pre-Req: Algebra 2 or Algebra 2 & Trigonometry+

Financial Algebra is available for students after completing two credits of mathematics. The course is designed to develop a strong foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives. This course furthers the development of various functions, representations of data, principles of business and personal finance and basics economics.

Probability & Statistics

Course #: 02113030

Credit Type: Math

Credit: 1.0

Grade Level: 11-12

Pre-Req: Algebra 2 or Algebra 2 & Trigonometry+

Probability and Statistics is available for students after completing two credits of mathematics. The purpose of this course is to introduce students to real-life examples of counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. The course focuses on the use of statistics in context in various professional pathways.

Pre-calculus+

Course #: 02123202

Credit Type: Math

Credit: 1.0

Grade Level: 11-12

Pre-Req: Algebra 2 or Algebra 2 & Trigonometry+

Pre-calculus Honors is available to students after completing either Algebra 2 or Algebra 2 & Trigonometry Honors. The purpose of the course is to challenge students academically, while also providing the instructional supports found in a traditional high school classroom and not a college-style course. Instruction emphasizes algebraic and graphical analysis with transformations, the study of continuity, rational, logarithmic and exponential functions, trigonometric functions and circular relations, conics, sequences and series, limits, parametrics, and vectors.

College Algebra KCKCC

Course #: 02111060	Credit Type: Math
High School Credit: 1.0	Grade Level: 11-12
Pre-Req: appropriate Accuplacer score, or Math ACT 21+ (SAT 520+), or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond	College Credit Earned: 5 hours

This is the high school course for KCKCC MATH-0105 - College Algebra, 5 credit hours KCKCC Description: College Algebra includes a brief review of Intermediate Algebra; 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. A graphing calculator is required for this course. Pre-requisites: Accuplacer score of 263+ on Math test (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Pre-calculus KCKCC

Course #: 02123202	Credit Type: Math
High School Credit: 1.0	Grade Level: 11-12
Pre-Req: appropriate Accuplacer score, or Math ACT 21+ (SAT 520+), or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond	College Credit Earned: 5 hours

This is the high school course for KCKCC MATH-0108 - Pre-Calculus, 5 credit hours KCKCC Description: Pre-Calculus includes the analysis and graphing of functions, including constant, linear, absolute value, square root, polynomial, rational, exponential and logarithmic functions, non-functions and trigonometric functions; solving equations and inequalities, including polynomial equations, exponential equations, logarithmic equations, trigonometric equations, systems of linear equations and inequalities; trigonometric and inverse trigonometric functions, radian and degree measure, identities, and applications to physical problems; conic sections; and sequences and series. A graphing calculator is required for this course. Pre-requisites: Grade of C or higher in MATH-0106 College Algebra (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Calculus KCKCC

Course #: 02123010	Credit Type: Math
High School Credit: 1.0	Grade Level: 11-12
Pre-Req: appropriate Accuplacer score, or Math ACT 21+ (SAT 520+), or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond	College Credit Earned: 5 hours

This is the high school course for KCKCC MATH-0122 - Calculus and Analytic Geometry I, 5 credit hours KCKCC Description: Calculus I is designed for students in mathematics, hard sciences, and engineering. Content includes limits and their properties, differentiation and its applications, integration, and calculus of exponential and logarithmic functions. Students will be expected to use appropriate technology as one tool to achieve competency in Calculus I. A graphing calculator is required for this course. Pre-requisites: Grade of C or higher in MATH-0108 Pre-Calculus (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Calculus II KCKCC

Course #: 02123016	Credit Type: Math
High School Credit: 1.0	Grade Level: 11-12
Pre-Req: Calculus KCKCC	College Credit Earned: 5 hours

This is the high school course for KCKCC MATH-0123 - Calculus and Analytic Geometry II, 5 credit hours KCKCC Description: Calculus & Analytic Geometry II is designed for students in mathematics, hard sciences, and engineering. Content includes calculus of transcendental functions, differential equations, applications of integration, integration techniques, infinite series, conic sections, and parametric and polar equations. Students will be expected to use appropriate technology as one tool to achieve competency in Calculus and Analytic Geometry II. A graphing calculator is required for this course. Pre-requisites: Grade of C or higher in MATH-0122 Calculus & Analytic Geometry I (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Trigonometry KCKCC

Course #: 02112325	Credit Type: Math
High School Credit: 1.0	Grade Level: 11-12

Pre-Req: appropriate Accuplacer score, or Math ACT 21+ (SAT 520+), College Credit Earned: 5 hours
or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond

Trigonometry includes trigonometric and inverse trigonometric functions, radian and degree measure, graphing, identities, and applications to physical problems. Students will be expected to use appropriate technology as one tool to achieve competency in Trigonometry. A graphing calculator is required for this course.

Statistics AP

Course #: 02113050
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) Statistics AP is available to students after completing either College Algebra KCKCC, Pre-calculus KCKCC or Pre-calculus Honors. Statistics AP follows the College Board standards and pacing for the course. The topics for Statistics AP are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns.

Statistics KCKCC

Course #: 02114001
High School Credit: 1.0

Credit Type: Math
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score, or Math ACT 21+ (SAT 520+), College Credit Earned: 5 hours
or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond

Statistics includes the study of basic descriptive statistics, introduction to probability, random variables, special probability functions, random sampling and sampling theory, estimating the mean, hypothesis tests, and linear regression. Students will be expected to use appropriate technology as one tool to achieve competency in Statistics.

Math Applications & Interpretation 1 IBH

Course #: 02151102
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Applications and Interpretation I IBH is the first of a two-year math course offered by IB. This course covers three of the five major topics (Number and Algebra, Functions, and Geometry and Trigonometry) and includes an introductory mathematical exploration piece. This course is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take this course will be those who enjoy mathematics best when seen in a practical context. This course is aimed at students who will go on to study subject such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example.

Math Applications & Interpretation 1 IBS

Course #: 02141102
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Applications and Interpretation I IBS is the first of a two-year math course offered by IB. This course covers three of the five major topics (Number and Algebra, Functions, and Geometry and Trigonometry) and includes an introductory mathematical exploration piece. This course is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take this course will be those who enjoy mathematics best when seen in a practical context. This course is aimed at students who will go on to study subject such as social sciences, natural sciences, statistics, business, some economics, psychology, and design.

Math Applications & Interpretation 2 IBH

Course #: 02151202
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Applications and Interpretation II IBH is the second of a two-year math course offered by IB. This course covers the last two of the five major topics (Probability and Statistics, and Calculus) and includes a mathematical exploration project. This course is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take this course will be those who enjoy mathematics best when seen in a practical context. This course is aimed at students who will go on to study subject such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example.

Math Applications & Interpretation 2 IBS

Course #: 02141202

Credit Type: Math

Credit: 1.0

Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Analysis and Approaches II IBS is the second of a two-year math course offered by IB. This course covers the last two of the five major topics (Probability and Statistics, and Calculus) and includes a mathematical exploration project. This course is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as medicine, engineering, physical sciences, mathematics, or economics.

Math Analysis & Approach 1 IBH

Course #: 02151104
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Analysis and Approaches I IBH is the first of a two-year math course offered by IB. This course covers three of the five major topics (Number and Algebra, Functions, and Geometry and Trigonometry) and includes an introductory mathematical exploration piece. This course is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as medicine, engineering, physical sciences, mathematics, or economics.

Math Analysis & Approach 1 IBS

Course #: 02141104
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Analysis and Approaches I IBS is the first of a two-year math course offered by IB. This course covers three of the five major topics (Number and Algebra, Functions, and Geometry and Trigonometry) and includes an introductory mathematical exploration piece. This course is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as medicine, engineering, physical sciences, mathematics, or economics.

Math Analysis & Approach 2 IBH

Course #: 02151204
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Analysis and Approaches II IBH is the second of a two-year math course offered by IB. This course covers the last two of the five major topics (Probability and Statistics, and Calculus) and includes a mathematical exploration project. This course is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as medicine, engineering, physical sciences, mathematics, or economics.

Math Analysis & Approach 2 IBS

Course #: 02141204
Credit: 1.0

Credit Type: Math
Grade Level: 11-12

(Sumner Academy ONLY) Mathematical Analysis and Approaches II IBS is the second of a two-year math course offered by IB. This course covers the last two of the five major topics (Probability and Statistics, and Calculus) and includes a mathematical exploration project. This course is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments and develop strong skills in mathematical thinking. They will also be fascinated by exploring real and abstract applications of these ideas, with and without the use of technology. Students who take Mathematics: Analysis and Approaches will be those who enjoy the thrill of mathematical problem solving and generalization. This subject is aimed at students who will go on to study subjects with substantial mathematics content such as medicine, engineering, physical sciences, mathematics, or economics.

Social Studies – High School

This course is required by Kansas City Kansas Public Schools for all high school students:

Financial Literacy

Course #: 12106021

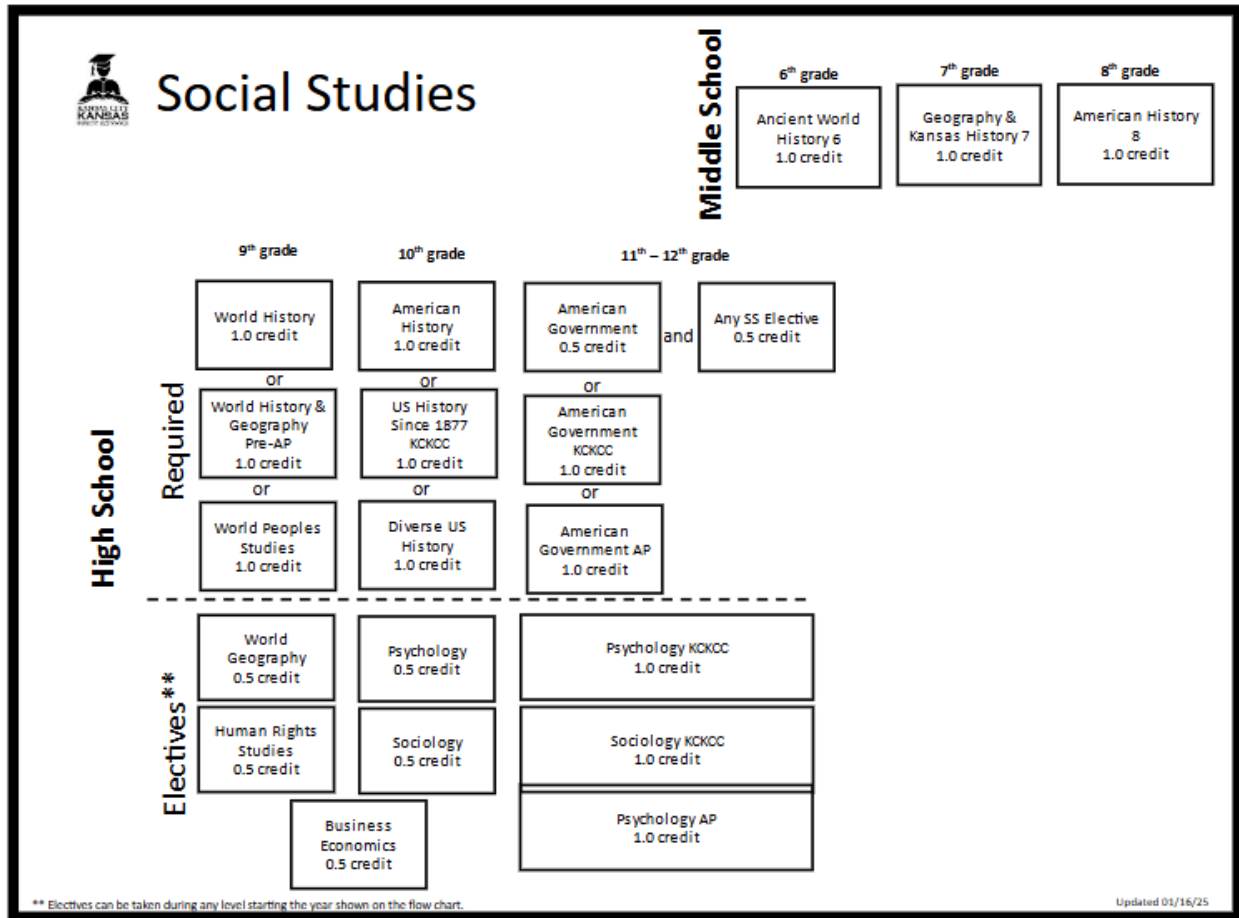
Credit Type: Financial Literacy

Credit: 0.5

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

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
<i>Financial Literacy</i>	<i>Financial Literacy</i>	0.5	No	No	9-12	<i>Required by KCKPS for all HS students</i>
World History	Social Studies	1.0	No	No	9-12	
World People Studies	Social Studies	1.0	No	No	9-12	
US History Since 1877 KCKCC	Social Studies	1.0	Yes	Yes	10-12	
Business Economics	Social Studies	0.5	No	No	11-12	
American History	Social Studies	1.0	No	No	10-12	
Diverse US History	Social Studies	1.0	No	No	10-12	
American Government	Social Studies	0.5	No	No	11-12	
American Government KCKCC	Social Studies	1.0	Yes	Yes	11-12	
World Geography	ELECTIVE	0.5	No	No	9-12	
Human Rights Studies	ELECTIVE	0.5	No	No	9-12	
Psychology	ELECTIVE	0.5	No	No	10-12	
Sociology	ELECTIVE	0.5	No	No	10-12	
Psychology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	
Sociology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	
United States Government and Politics AP	Social Studies	1.0	No	No	11-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
Global Politics 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Global Politics 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
History 2 IBH	Social Studies	1.0	No	No	11-12	Sumner Academy ONLY
History of Africa 1 IBH	Social Studies	1.0	No	No	11-12	Sumner Academy ONLY
History of Asia/Pacific Rim 1 IBH	Social Studies	1.0	No	No	11-12	Sumner Academy ONLY
History of the Americas 1 IBH	Social Studies	1.0	No	No	11-12	Sumner Academy ONLY
Information Technology in Global Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Information Technology in Global Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Introduction Criminal Justice KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	
Psychology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Psychology 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Psychology 2 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Psychology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Social/Cultural Anthropology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Social/Cultural Anthropology 1 IBS	ELECTIVE	0.5	No	No	11-12	Sumner Academy ONLY
Social/Cultural Anthropology 2 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY

Social/Cultural Anthropology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
World History & Geo Pre-AP	Social Studies	1.0	No	No	9-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
World Religions IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY



World History

Course #: 04092020
Credit: 1.0

Credit Type: Social Studies
Grade Level: 9-12

World History provides an overview of the history of human society in the past few centuries—from the renaissance period to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

World People Studies

Course #: 04096520
Credit: 1.0

Credit Type: Social Studies
Grade Level: 09-12

World Peoples Studies examines the history, politics, economics, prevalent societal and/or cultural norms of ethnic groups generally underrepresented in similar courses. World Peoples Studies presents an opportunity for more inclusive and diverse histories and cultures to be highlighted and studied in a manner that is meaningful and can be transformative for all students while developing the historical thinking

skills consistent with other required courses. The course offers a dynamic inquiry-based approach with opportunities for students to develop their own inquiry. (Equivalent to World History)

American History

Course #: 04102020
Credit: 1.0

Credit Type: Social Studies
Grade Level: 10-12

American History examines the history of the United States from the Reconstruction era through the present time. It is a survey course, which details the development of U.S. political, economic, and social institutions and the changes in society as it evolved from an agricultural nation into an industrial nation. Attention is given to recurring themes and issues and students learn to link past and present.

Diverse US History

Course #:
Credit: 1.0

Credit Type: Social Studies
Grade Level: 10-12

Diverse US History examines the history, politics, economics, prevalent societal and/or cultural norms of ethnic groups generally underrepresented in traditional US History courses. Diverse US History presents an opportunity for more inclusive and diverse histories and cultures to be highlighted and studied in a manner that is meaningful and can be transformative for all students while developing the historical thinking skills consistent with other required courses. The course offers a dynamic inquiry-based approach with opportunities for students to develop their own inquiry skills through a case study methodology. (Equivalent to US History)

Business Economics

Course #: 04117021
Credit: 0.5

Credit Type: Social Studies
Grade Level: 11-12

Business Economics integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk). With a primary emphasis on the principles of microeconomics and the U.S. economic system. Students will also cover topics such as principles of macroeconomics, international economics, and comparative economics.

US History Since 1877 KCKCC

Course #: 04122002
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and 'C' in most recent English course

Credit Type: Social Studies
Grade Level: 10-12
College Credit Earned: 3 hours

This is the high school course for KCKCC HIST-0104 - United States to 1877, 3 credit hours KCKCC Description: Major trends and events of American history through the Reconstruction period are examined. Emphasized are the social, intellectual, political, and economic problems of the Colonial, Revolutionary, early National period, Antebellum period, the Civil War and Reconstruction. Historical interpretations from the dominant professional colleges of thought on leading controversial issues are examined and compared. Pre-requisites: Accuplacer score of 255 on Reading and Writing tests. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

American Government

Course #: 04112021
Credit: 0.5

Credit Type: Social Studies
Grade Level: 11-12

American Government provides an overview of the structure and functions of the U.S. government and political institutions and examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. Students will examine the structure and function of state and local governments and cover economic and legal topics. Recurring themes at each level are examined and applied to current events. Citizenship is encouraged by participating in voter registration, local political debates, county government days, and visits to the county courthouse.

American Government KCKCC

Course #: 04122901
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and 'C' in most recent English course

Credit Type: Social Studies
Grade Level: 12
College Credit Earned: 3 hours

This is the high school course for KCKCC POSC-0111 - American Government, 3 credit hours KCKCC Description: This is a study of the historical backgrounds, governing principles, institutions, domestic and foreign policy goals of the National Government of the United States. Pre-requisites: Accuplacer score of 255 on Reading and Writing tests. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

United States Government and Politics AP

Course #: 04112901

Credit Type: Social Studies

Credit: 1.0

Grade Level: 11-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) American Government is the study of the U.S. political systems from local community government through state and federal institutions. Recurring themes at each level are examined and applied to current events. Citizenship is encouraged by participating in voter registration, local political debates, county government days, and visits to the county courthouse.

History 2 IBH

Course #: 04142052
Credit: 1.0

Credit Type: Social Studies
Grade Level: 11-12

(Sumner Academy ONLY) American History 2 IBH is the second course of the IB history sequence and emphasizes a core of knowledge necessary to understand the events of the twentieth century. Three major topics are covered: causes, practices, and effects of war; rise of single-party states; and East/West relations after 1945.

History of Africa 1 IBH

Course #: 04142045
Credit: 1.0

Credit Type: Social Studies
Grade Level: 11-12

(Sumner Academy ONLY) The Diploma Programme (DP history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation and significance. It involves the study of a variety of types of history, including political, economic, social and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past.

History of Asia/Pacific Rim 1 IBH

Course #: 04142044
Credit: 1.0

Credit Type: Social Studies
Grade Level: 11-12

(Sumner Academy ONLY) The Diploma Programme (DP history course is a world history course based on a comparative, multi-perspective approach to history and focused around key historical concepts such as change, causation and significance. It involves the study of a variety of types of history, including political, economic, social and cultural, encouraging students to think historically and to develop historical skills. In this way, the course involves a challenging and demanding critical exploration of the past.

History of the Americas 1 IBH

Course #: 04142042
Credit: 1.0

Credit Type: Social Studies
Grade Level: 11-12

(Sumner Academy ONLY) American History 1 IBH is the first course in a sequence and is a history of the Americas. Students will survey the development of life and government in the United States, interaction with hemispheric neighbors and international involvement in the twentieth century.

World History & Geography Pre-AP

Course #: 04092055
Credit: 1.0

Credit Type: Social Studies
Grade Level: 9-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) World History provides an overview of the history of human society in the past few centuries—from the renaissance period to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

World Geography

Course #: 04091025
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 9-12

World Geography utilizes the five themes of geography to study the physical, cultural, and economic diversity of the world, including the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

Human Rights Studies

Course #: 04094011
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 9-12

Human Rights Studies will provide an overview of the history, central concepts, and practices within the field. It will study the foundations of the idea of human rights in various civilizations and cultures, evaluate its legacy within the world and world cultures, and examine its

meaning and relevance in dealing with major issues in the contemporary world. It will address the evolution of international human rights, the various violations of human rights that occur around the world and the instruments designed for the protection of human rights.

Psychology

Course #: 04105011
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 10-12

Psychology is the study of human behavior. Students will be introduced to the study of individual human behavior. Includes an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Sociology

Course #: 04106011
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 10-12

Sociology introduces students to the study of human behavior in society. Students will overview topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society such as customs, folkways, mores, social problems, including crime and the penal system, values in family life, and social class stratification, in various cultures.

Psychology KCKCC

Course #: 04125010
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score **or** high school GPA 3.0+ and 'B' **or** better in most recent English or ACT Reading/English 18 (SAT 500)

Credit Type: **ELECTIVE**
Grade Level: 11-12
College Credit Earned: 3 hours

This is the high school course for KCKCC PSYC-0101 - Psychology, 3 credit hours KCKCC Description: This course is an introduction to the basic concepts, theories, and research findings in the evolving field of psychology. By learning to think psychologically, students gain insight into themselves and the dynamics of human thinking, behavior, and emotions. Pre-requisites: Accuplacer score of 255 on Reading and Writing tests. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Sociology KCKCC

Course #: 04129021
High School Credit: 1.0
Pre-Req: appropriate Accuplacer score **or** high school GPA 3.0+ and 'B' **or** better in most recent English or ACT Reading/English 18 (SAT 500)

Credit Type: **ELECTIVE**
Grade Level: 11-12
College Credit Earned: 3 hours

This is the high school course for KCKCC SOSC-0107 - Sociology, 3 credit hours KCKCC Description: This course is a general introduction to the field of sociology. It includes both a study of the theoretical aspects, as well as the actual behavior pattern of human groups and associations. Emphasis is placed on scientific evidence to illustrate and illuminate sociological theories and principles. Pre-requisites: Accuplacer Reading score 240+. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Global Politics 1 IBS

Course #: 04141102
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This course is year one of a 2-year course. The 21st century is characterized by rapid change and increasing interconnectedness, impacting individuals and societies in unprecedented ways and creating complex global political challenges. Global politics is an exciting, dynamic subject that draws on a variety of disciplines in the social sciences and humanities, reflecting the complex nature of many contemporary political issues. The study of global politics enables students to critically engage with different and new perspectives and approaches to politics in order to comprehend the challenges of the changing world and become aware of their role in it as active global citizens. The DP global politics course explores fundamental political concepts such as power, equality, sustainability and peace in a range of contexts. It allows students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. It also invites comparison between such examples and case studies to ensure a wider and transnational perspective.

Global Politics 2 IBS

Course #: 04141202
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This course is the second year of a 2-year course. Global Politics I IBS course. The 21st century is characterized by rapid change and increasing interconnectedness, impacting individuals and societies in unprecedented ways and creating complex global political challenges. Global politics is an exciting, dynamic subject that draws on a variety of disciplines in the social sciences and humanities, reflecting the complex nature of many contemporary political issues. The study of global politics enables students to critically engage with

different and new perspectives and approaches to politics in order to comprehend the challenges of the changing world and become aware of their role in it as active global citizens. The DP global politics course explores fundamental political concepts such as power, equality, sustainability and peace in a range of contexts. It allows students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. It also invites comparison between such examples and case studies to ensure a wider and transnational perspective.

Information Technology in Global Society 1 IBS

Course #: 04141104
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This course is the first year of a two-year course. Information Technology in a Global Society explores the interactions between humans and their environment in time and place. As a result, these subjects are often known collectively as the human sciences or social sciences. The IB Diploma Program information technology in a global society (ITGS) course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts.

Information Technology in Global Society 2 IBS

Course #: 04141204
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This course is the second year of a two-year course. Information Technology in a Global Society explores the interactions between humans and their environment in time and place. As a result, these subjects are often known collectively as the human sciences or social sciences. The IB Diploma Program information technology in a global society (ITGS) course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts.

Psychology 1 IBH

Course #: 04144032
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) The IB psychology course is the systematic study of behavior and mental processes. Students undertaking the course can expect to develop an understanding of how psychological knowledge is generated, developed and applied. The course will explore the biological, cognitive and sociocultural constructs of behavior as well as examining specific behavior such as human relationships, human development, and abnormal psychology.

Psychology 1 IBS

Course #: 04144012
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) IB Psychology courses prepare students to take the International Baccalaureate Psychology exams at either the Subsidiary or Higher level. Course content includes developmental and social psychology, cognition and learning, and personality subject areas, which are approached from biological/physiological, behavioral, and humanistic points of view. These courses may include a study of research design and statistics and involve practical work in psychological research.

Psychology 2 IBH

Course #: 04144042
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) The IB psychology course is the systematic study of behavior and mental processes. Students undertaking the course can expect to develop an understanding of how psychological knowledge is generated, developed and applied. The course will explore the biological, cognitive and sociocultural constructs of behavior as well as examining specific behavior such as human relationships, human development, and abnormal psychology.

Psychology 2 IBS

Course #: 04144022
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) The IB psychology course is the systematic study of behavior and mental processes. Students undertaking the course can expect to develop an understanding of how psychological knowledge is generated, developed and applied. The course will explore the biological, cognitive and sociocultural constructs of behavior as well as examining specific behavior such as human relationships, human development, and abnormal psychology.

Social/Cultural Anthropology 1 IBH

Course #: 04134030
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Cultural Anthropology is the comparative study of how people live around the world. Anthropologists study how culture is learned and shared and how it influences all aspects of our life - what we eat, whom we marry, what we find desirable, whom we consider our family and how we see the world - looking for common threads and contrasts. The class seeks to bring an understanding of humankind and to value its diversity. We will be studying gender, race, religion, immigration, health and illness, power, economic inequality, globalization, and conflict. We will study many cultures but will pay special attention to Hmong, to Triqui migrants working in the US, women working in call centers in India, and gender and race issues in the US.

Social/Cultural Anthropology 1 IBS

Course #: 04134010
Credit: 0.5

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Cultural Anthropology is the comparative study of how people live around the world. Anthropologists study how culture is learned and shared and how it influences all aspects of our life - what we eat, whom we marry, what we find desirable, whom we consider our family and how we see the world - looking for common threads and contrasts. The class seeks to bring an understanding of humankind and to value its diversity. We will be studying gender, race, religion, immigration, health and illness, power, economic inequality, globalization, and conflict. We will study many cultures but will pay special attention to Hmong, to Triqui migrants working in the US, women working in call centers in India, and gender and race issues in the US.

Social/Cultural Anthropology 2 IBH

Course #: 04134040
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Cultural Anthropology is the comparative study of how people live around the world. Anthropologists study how culture is learned and shared and how it influences all aspects of our life - what we eat, whom we marry, what we find desirable, whom we consider our family and how we see the world - looking for common threads and contrasts. The class seeks to bring an understanding of humankind and to value its diversity. We will be studying gender, race, religion, immigration, health and illness, power, economic inequality, globalization, and conflict. We will study many cultures but will pay special attention to Hmong, to Triqui migrants working in the US, women working in call centers in India, and gender and race issues in the US.

Social/Cultural Anthropology 2 IBS

Course #: 04134020
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) Cultural Anthropology is the comparative study of how people live around the world. Anthropologists study how culture is learned and shared and how it influences all aspects of our life - what we eat, whom we marry, what we find desirable, whom we consider our family and how we see the world - looking for common threads and contrasts. The class seeks to bring an understanding of humankind and to value its diversity. We will be studying gender, race, religion, immigration, health and illness, power, economic inequality, globalization, and conflict. We will study many cultures but will pay special attention to Hmong, to Triqui migrants working in the US, women working in call centers in India, and gender and race issues in the US.

World People Studies

Course #: 04096520
Credit: 0.5

Credit Type: Social Studies
Grade Level: 09-12

World Peoples Studies examines the history, politics, economics, prevalent societal and/or cultural norms of ethnic groups generally underrepresented in similar courses. World Peoples Studies presents an opportunity for more inclusive and diverse histories and cultures to be highlighted and studied in a manner that is meaningful and can be transformative for all students while developing the historical thinking skills consistent with other required courses. The course offers a dynamic inquiry-based approach with opportunities for students to develop their own inquiry. (Equivalent to World History)

World Religions IBS

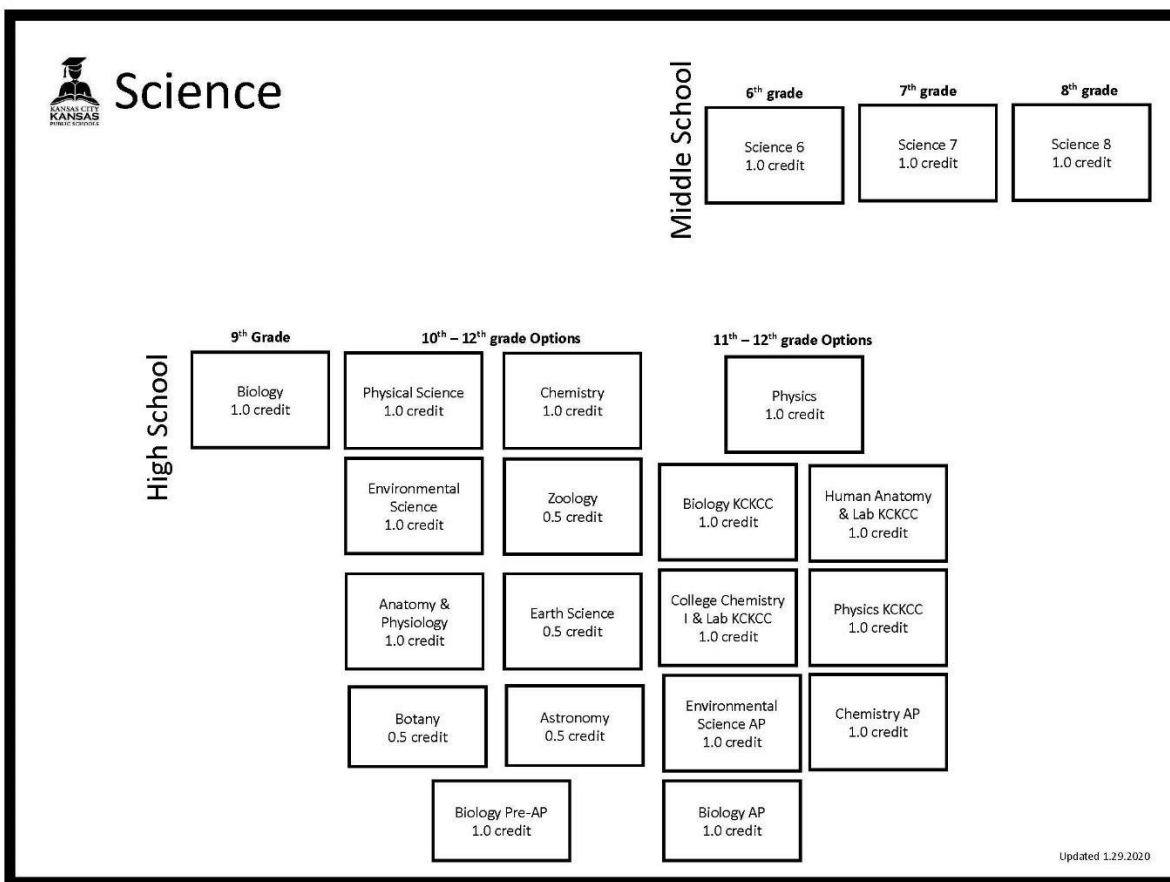
Course #: 04145020
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) World Religions SL is a course designed to promote an inquiring, analytical, and empathetic approach to the study of religion. Students should develop an informed understanding of the diversity of world religions and foster a respectful awareness of the significance of the beliefs and practices of those religions. Students should develop an understanding of how religion affects people's lives, while encouraging a global appreciation of the issues surrounding religious and spiritual beliefs and movements around the world today. World Religions SL promotes responsible and informed international citizenship.

Science – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Biology	Science	1.0	No	No	9-12	
Biology Pre-AP	Science	1.0	No	No	10-12	
Biology AP	Science	1.0	No	No	10-12	
Physical Science	Science	1.0	No	No	10-12	
Chemistry	Science	1.0	No	No	10-12	
Environmental Science	Science	1.0	No	No	10-12	
Zoology	Science	0.5	No	No	10-12	
Anatomy & Physiology	Science	1.0	No	No	10-12	
Earth Science	Science	0.5	No	No	10-12	
Botany	Science	0.5	No	No	10-12	
Astronomy	Science	0.5	No	No	10-12	
Physics	Science	1.0	No	No	11-12	
Biology KCKCC	Science	1.0	Yes	Yes	11-12	
Human Anatomy & Lab KCKCC	Science	1.0	Yes	Yes	11-12	
College Chemistry I & Lab KCKCC	Science	1.0	Yes	Yes	11-12	
Physics KCKCC	Science	1.0	Yes	Yes	11-12	
Biology 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Biology 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Biology 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Biology 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Chemistry 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Chemistry 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Chemistry 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Chemistry 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Chemistry AP	Science	1.0	No	No	11-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
Environmental Systems & Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Environmental Systems & Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Environmental Science AP	Science	1.0	No	No	9-12	Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.
Physics 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Physics 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Physics 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY
Physics 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY
Sports Exercise & Health Science 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY
Sports Exercise & Health Science 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY



Biology

Course #: 03101020
Credit: 1.0

Credit Type: Science
Grade Level: 9-12

This course is a laboratory-oriented course designed to introduce students to the diversity of living organisms. The course introduces basic principles of morphology and function in the plant and animal kingdoms, microbiology, reproduction, heredity, and biological processes and systems.

Biology Pre-AP

Course #: 03101050
Credit: 1.0

Credit Type: Science
Grade Level: 10-12

This course is a laboratory-oriented course designed to introduce students to the diversity of living organisms. The course introduces basic principles of morphology and function in the plant and animal kingdoms, microbiology, reproduction, heredity, and biological processes and systems.

Biology AP

Course #: 03101020
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses emphasize four general concepts: evolution; cellular processes (energy and communication); genetics and information transfer; and interactions of biological systems. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology courses include college-level laboratory investigations.

Physical Science

Course #: 03091020

Credit Type: Science

Credit: 1.0

Grade Level: 10-12

This is a science survey course for students before they take chemistry or physics. The scientific method, science processes, laboratory techniques, and measurement will be emphasized. This course will provide a scientific way of thinking, problem solving and an overview of essential science content in the areas of physics, chemistry, Earth, and space sciences.

Chemistry

Course #: 03113020

Credit Type: Science

Credit: 1.0

Grade Level: 10-12

This course is designed to provide an introduction to the chemical and physical behavior of matter. Upon successful completion of the course, students will be able to show mastery of laboratory procedures and the use of laboratory apparatus. They will also demonstrate the ability to gather experimental data through observations, and perform a scientific analysis of results obtained from experimentation. Students will also show proficiency in writing and understanding formulas, equations, and associated stoichiometry. Other topics of study will include elements, compounds, states of matter, solutions, chemical bonding, chemical reactions, and the gas laws. Students must successfully complete Algebra 1 to have the requisite math skills for this course.

Environmental Science

Course #: 03093004

Credit Type: Science

Credit: 1.0

Grade Level: 10-12

This course examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Anatomy & Physiology

Course #: 03112005

Credit Type: Science

Credit: 1.0

Grade Level: 10-12

This course is usually taken after a comprehensive initial study of biology, Anatomy and Physiology presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

Earth Science

Course #: 03115002

Credit Type: Science

Credit: 0.5

Grade Level: 10-12

This course offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

Zoology

Course #: 03114011

Credit Type: Science

Credit: 0.5

Grade Level: 10-12

This course provides students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

Botany

Course #: 03112021

Credit Type: Science

Credit: 0.5

Grade Level: 10-12

This course is a laboratory oriented course focusing on the study of plants from the primitive algae to the complex seed plants. The class provides students with an understanding of plants, their life cycles, and their evolutionary relationships.

Astronomy

Course #: 03117002

Credit Type: Science

Credit: 0.5

Grade Level: 10-12

This course offers students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomical instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

Physics

Course #: 03116002
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

This is a lab-based course designed to study motion, force, work, heat, sound, light, electricity, and magnetism. The understanding of relationships will be developed through reading, discussion, problems, and lab work. Many everyday phenomena will be explained in terms of physics and its principles. A scientific calculator is required for this course.

Biology KCKCC

Course #: 03121002
High School Credit: 1.0

Credit Type: Science
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and a 'C' in most recent English
College Credit Earned: 5 hours

This is the high school course for KCKCC BIOL-0121 - General Biology, 5 credit hours KCKCC Description: General Biology introduces fundamental biological principles characteristic of all living things. Lecture and laboratory work will review the scientific method (experimental and observational science), levels of organization and emergent properties of life, molecular and cell biology, bioenergetics, reproduction, genetics, evolution and ecology. A prior course in Chemistry is recommended. Pre-requisites: Accuplacer Reading score 240+ (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Human Anatomy & Lab KCKCC

Course #: 03123010
High School Credit: 1.0

Credit Type: Science
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and a 'C' in most recent English
College Credit Earned: 5 hours

In a systematic study of the gross anatomical organizations of the human body, students examine the interrelationships of the structure of the human body and the general structure and functions of tissues, organs, and organ systems by means of models, skeletons, charts, and audio-visual materials. Six hours lecture/integrated lab are required each week. This course is recommended for Life Science and Health Career majors only. (KCKCC Course BIOL - 0143)

College Chemistry 1 & Lab KCKCC

Course #: 03113202
High School Credit: 1.0

Credit Type: Science
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score or high school GPA 3.5+ and a 'C' or better in Algebra 2 or beyond or Math ACT 21+ (SAT 520+)
College Credit Earned: 5 hours

This is the high school course for KCKCC CHEM-0111 - College Chemistry I and Lab, 5 credit hours KCKCC Description: Primarily for biological or physical science majors, College Chemistry I and Lab provides an introduction to the fundamental concepts of chemistry. The laboratory supports the concepts through practical application and develops scientific techniques. Pre-requisites: Accuplacer score of 263+ on Math test. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Physics KCKCC

Course #: 03126010
High School Credit: 1.0

Credit Type: Science
Grade Level: 11-12

Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and a 'C' in most recent English
College Credit Earned: 5 hours

This is the high school course for KCKCC NASC-0231 - General Physics I and Lab, 5 credit hours KCKCC Description: The course covers mechanics, heat, fluids, oscillations, waves, sound and thermodynamics. The course requires conceptual understanding and problem solving using the tools of algebra and trigonometry. Schedule: five hours of lectures and two hours of lab work per week. Pre-requisites: Accuplacer score of 255 on Reading and Writing tests AND Accuplacer score of 263+ on Math test. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Chemistry AP

Course #: 03133020
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities.

Environmental Science AP

Course #: 03093054
Credit: 1.0

Credit Type: Science
Grade Level: 9-12

(Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.) AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems.

Physics 1 IBH

Course #: 03146012
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) Usually taken after a comprehensive initial study of physics, Physics—Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics

Physics 1 IBS

Course #: 03146016
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Physical Science courses prepare students to take the International Baccalaureate Physical Science exams at either the Subsidiary or Higher level. These courses integrate the study of physics and chemistry, showing how the physical and chemical properties of materials can be explained and predicted in terms of atomic, molecular, and crystal structures and forces. In keeping with the general aim of IB Experimental Sciences courses, IB Physical Science courses promote critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of science and scientific advances upon both society and issues of ethical, philosophical, and political importance. Students are required to develop and pursue an individual, experimental project, which is evaluated as part of the IB exam.

Physics 2 IBH

Course #: 03146022
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) Usually taken after a comprehensive initial study of physics, Physics—Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics.

Physics 2 IBS

Course #: 03146026
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Physics courses prepare students to take the International Baccalaureate Physics exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Physics promotes understanding of the facts, patterns, and principles underlying the field of physics; critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of scientific advances in physics upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the fundamental laws of nature and the interaction between concepts of matter, fields, waves, and energy. Laboratory experimentation is essential; calculus may be used in some courses.

Biology 1 IBH

Course #: 03141012
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Biology 1 IBS

Course #: 03141002
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Biology 2 IBH

Course #: 03141022
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Biology 2 IBS

Course #: 03141032
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Biology courses prepare students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field; critical analysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of these courses.

Chemistry 1 IBH

Course #: 03143004
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) Usually taken after a comprehensive initial study of chemistry, Chemistry Advanced Studies courses cover chemical properties and interactions in more detail. Advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

Chemistry 1 IBS

Course #: 03143002
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

Chemistry 2 IBH

Course #: 03143022
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

Chemistry 2 IBS

Course #: 03143032
Credit: 1.0

Credit Type: Science
Grade Level: 11-12

(Sumner Academy ONLY) IB Chemistry courses prepare students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon both society and issues of ethical, philosophical, and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is an essential part of these courses.

Environmental Systems & Society 1 IBS

Course #: 03141104
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This is the first year of a 2-year course. Environmental systems and societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies or the sciences requirement. Alternatively, this course enables students to satisfy the requirements of both subject groups simultaneously while studying one course. ESS is firmly grounded in both a scientific exploration of environmental systems in their structure and function, and in the exploration of cultural, economic, ethical, political, and social interactions of societies with the environment.

Environmental Systems & Society 2 IBS

Course #: 03141204
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) This is the second year of a 2-year course. Environmental systems and societies (ESS) is an interdisciplinary course offered only at standard level (SL). This course can fulfill either the individuals and societies or the sciences requirement. Alternatively, this course enables students to satisfy the requirements of both subject groups simultaneously while studying one course. ESS is firmly grounded in both a scientific exploration of environmental systems in their structure and function, and in the exploration of cultural, economic, ethical, political and social interactions of societies with the environment.

Sports Exercise & Health Science 1 IBS

Course #: 03146014
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) The Sports, exercise and health science course is a standard level (SL) and higher level (HL) subject. This course lies within the Sciences. Students explore the concepts, theories, models and techniques that underpin each subject area and through these develop their understanding of the scientific method. SEHS students participate in a compulsory group 4 project. This collaborative and interdisciplinary exercise provides an opportunity for students to explore scientific solutions to global questions.

Sports Exercise & Health Science 2 IBS

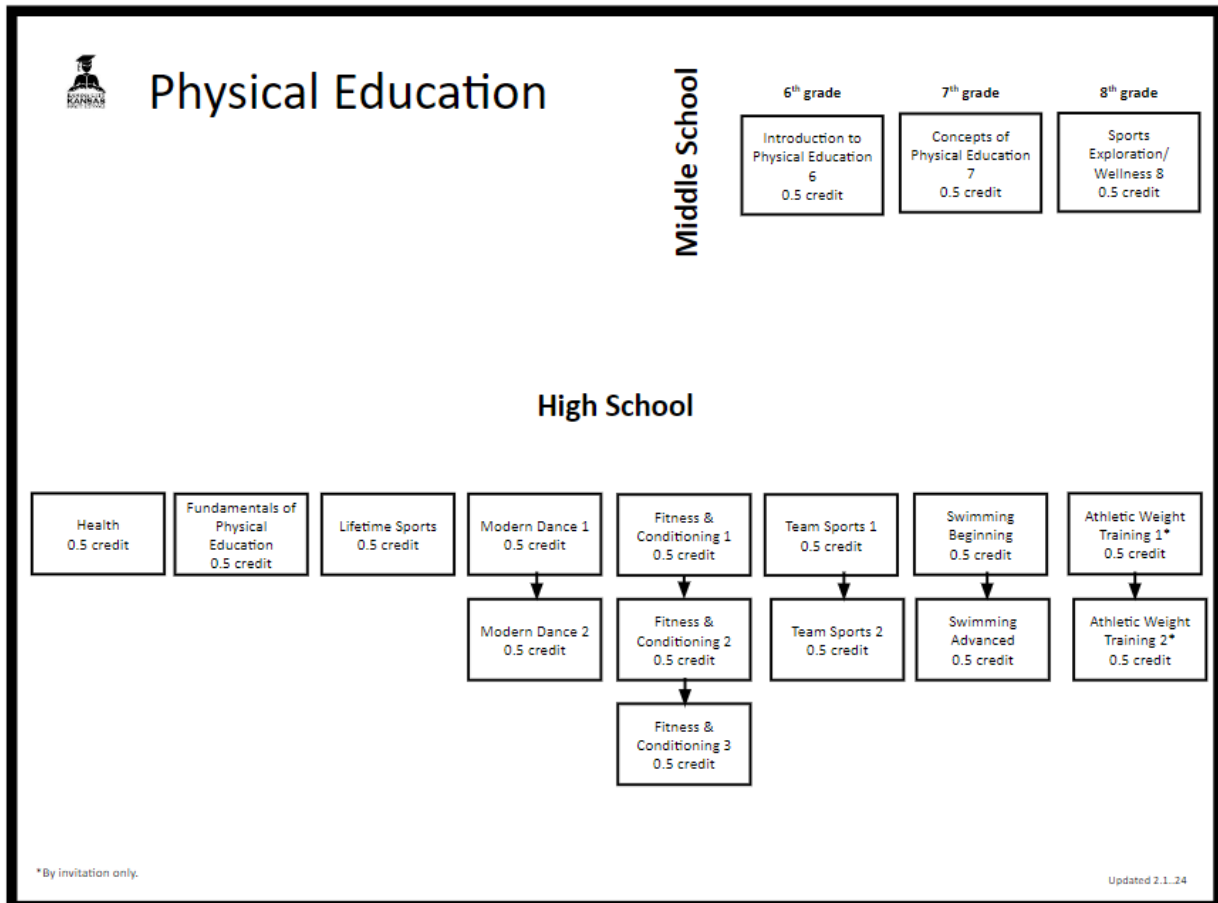
Course #: 03146024
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Sumner Academy ONLY) The Sports, exercise and health science course is a standard level (SL) and higher level (HL) subject. This course lies within the Sciences. Students explore the concepts, theories, models and techniques that underpin each subject area and through these develop their understanding of the scientific method. SEHS students participate in a compulsory group 4 project. This collaborative and interdisciplinary exercise provides an opportunity for students to explore scientific solutions to global questions.

Physical Education – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Athletic Weight Training 1	ELECTIVE	0.5	No	Yes	10-12	
Athletic Weight Training 2	ELECTIVE	0.5	No	Yes	10-12	
Fitness/Conditioning 1	Phys Ed	0.5	No	No	9-12	
Fitness/Conditioning 2	ELECTIVE	0.5	No	Yes	10-12	
Fitness/Conditioning 3	ELECTIVE	0.5	No	Yes	10-12	
Fundamentals of Physical Education	Phys Ed	0.5	No	No	9-12	
Health	Phys Ed	0.5	No	No	9-12	
Lifetime Sports	Phys Ed	0.5	No	No	9-12	
Modern Dance 1	Phys Ed	0.5	No	No	9-12	
Modern Dance 2	ELECTIVE	0.5	No	Yes	10-12	
Swimming Advanced	Phys Ed	0.5	No	Yes	10-12	Available to 9 th graders at Sumner Academy
Swimming Beginning	Phys Ed	0.5	No	No	9-12	Available at Sumner Academy, Washington and Wyandotte HS ONLY
Team Sports 1	Phys Ed	0.5	No	No	9-12	
Team Sports 2	ELECTIVE	0.5	No	Yes	10-12	



Athletic Weight Training 1

Course #: 06105011

Credit: 0.5

Pre-Req: Essentials of Physical Education

Credit Type: **ELECTIVE**

Grade Level: 10-12

This course is designed for the focused athlete emphasizing strength training, as well as general conditioning. Free weights and weight machines will be utilized, in addition to cardiovascular and flexibility training.

Athletic Weight Training 2

Course #: 06115021
Credit: 0.5
Pre-Req: Athletic Weight Training 1

Credit Type: **ELECTIVE**
Grade Level: 10-12

This course is designed for the focused athlete emphasizing strength training, as well as general conditioning. Free weights and weight machines will be utilized, in addition to cardiovascular and flexibility training.

Fitness/Conditioning 1

Course #: 06106011
Credit: 0.5

Credit Type: Phys Ed
Grade Level: 9-12

This course is designed for any student that is interested in lifetime fitness. It provides opportunities for students to participate in activities to achieve optimal physical condition. Activities will vary and may include aerobic exercise, running, stretching, plyometrics, step aerobics, and anaerobic exercise.

Fitness/Conditioning 2

Course #: 06116021
Credit: 0.5
Pre-Req: Fitness/Conditioning 1

Credit Type: **ELECTIVE**
Grade Level: 10-12

This course is designed to continue to provide opportunities for students to participate in activities to achieve optimal physical condition. Activities will vary and may include aerobic exercise, running, stretching, plyometrics, step aerobics, and anaerobic exercise. Personalized fitness plans will be utilized.

Fitness/Conditioning 3

Course #: 06126021
Credit: 0.5
Pre-Req: Fitness/Conditioning 2

Credit Type: **ELECTIVE**
Grade Level: 10-12

This course is designed to continue developing opportunities for students to participate in activities to achieve optimal physical condition. Activities will vary and may include aerobic exercise, running, stretching, plyometrics, step aerobics, and anaerobic exercise. Personalized fitness plans will be used. An off-site practicum could be utilized in this class.

Fundamentals of Physical Education

Course #: 06091050
Credit: 0.5

Credit Type: Phys Ed
Grade Level: 9-12

This foundational course will introduce students to our physical education program—a fantastic option for students who want to sample every PE class. Students will have the opportunity to explore lifetime activities, team/individual sports, and fitness/conditioning. Upon completion, students will be equipped with the knowledge and skills to enjoy lifelong physical activity and fitness.

Health

Course #: 06092025
Credit: 0.5

Credit Type: Phys Ed
Grade Level: 9-12

This course curriculum includes content in the areas of nutrition, disease prevention, stress management, mental health, fitness, human sexuality, hands-only CPR, and substance abuse, use, and addiction.

Lifetime Sports

Course #: 06103011
Credit: 0.5

Credit Type: Phys Ed
Grade Level: 9-12

This course is designed for the student who is interested in participating in individual, dual and/or recreational activities. Emphasis is on developing and practicing the knowledge and skills needed for a variety of activities including archery, golf, table tennis, badminton, bowling, Frisbee, racquetball, and other lifetime activities.

Modern Dance 1

Course #: 06102001
Credit: 0.5

Credit Type: Phys Ed
Grade Level: 9-12

This course is designed to provide students with an opportunity to develop knowledge and skills in the field of modern dance, enhancing students' appreciation for the fine arts. Students will gain both in technical skill and in creative communication through dance.

Modern Dance 2

Course #: 06102011

Credit Type: **ELECTIVE**

Credit: 0.5

Grade Level: 10-12

Pre-Req: Modern Dance 1

This course is designed to provide students with an opportunity to continue developing knowledge and skills in the field of modern dance. Students will gain both in technical skill and in creative communication through dance. An off-site practicum could be utilized.

Swimming Advanced

Course #: 06107011

Credit Type: Phys Ed

Credit: 0.5

Grade Level: 10-12 (available to 9th grade at Sumner Academy)

Pre-Req: Swimming Beginning or Instructor Approval

(Sumner Academy, Washington HS, Wyandotte HS ONLY) This course is designed for intermediate and advanced swimmers. All strokes will be covered, with an emphasis on technique and endurance. If appropriate for the interest and skill level of class members, Lifeguard, Water Safety Instructor (WSI), and CPR certification MAY be offered.

Swimming Beginning

Course #: 06107001

Credit Type: Phys Ed

Credit: 0.5

Grade Level: 9-12

(Sumner Academy, Washington HS, Wyandotte HS ONLY) This course is designed for any student who is unable to swim or is uncomfortable in deep water swimming. Basic strokes and safety skills will be covered.

Team Sports 1

Course #: 06103001

Credit Type: Phys Ed

Credit: 0.5

Grade Level: 9-12

This course is designed for the student who is interested in participating in recreational team sports. Emphasis is on daily participation and developing higher proficiency in sports skills, teamwork, and greater knowledge of the rules and strategies used in the sports.

Team Sports 2

Course #: 06104011

Credit Type: **ELECTIVE**

Credit: 0.5

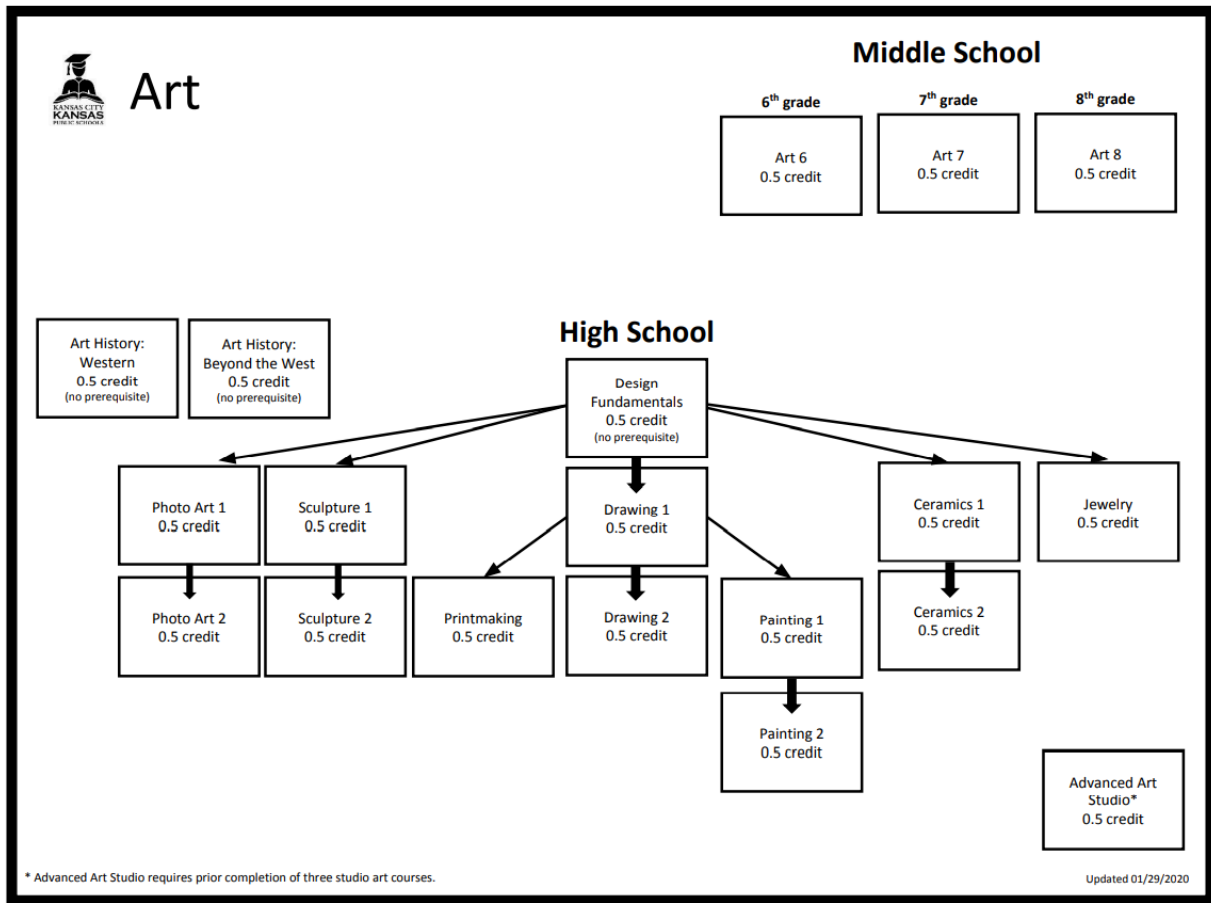
Grade Level: 10-12

Pre-Req: Team Sports 1

This course is designed to integrate previous taught sport skills in the areas of technique and strategy as they pertain to team sports. Officiating, creating practice plans and developing units of study in a specific sport will be required.

Art – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Design Fundamentals	Fine Arts	0.5	No	No	9-12	
Advanced Art Studio 1	Fine Arts	0.5	No	Yes	11-12	
Advanced Art Studio 2	Fine Arts	0.5	No	Yes	11-12	
Art & Design 1 IBH	Fine Arts	1.0	No	Yes	11-12	Sumner Academy ONLY
Art & Design 2 IBH	Fine Arts	1.0	No	Yes	11-12	Sumner Academy ONLY
Art History: Beyond the West	Fine Arts	0.5	No	No	9-12	
Art History: Western	Fine Arts	0.5	No	No	9-12	
Ceramics 1	Fine Arts	0.5	No	Yes	9-12	
Ceramics 2	Fine Arts	0.5	No	Yes	10-12	
Drawing 1	Fine Arts	0.5	No	Yes	9-12	
Drawing 2	Fine Arts	0.5	No	Yes	10-12	
Jewelry	Fine Arts	0.5	No	Yes	9-12	
Painting 1	Fine Arts	0.5	No	Yes	10-12	
Painting 2	Fine Arts	0.5	No	Yes	10-12	
Photo Art 1	Fine Arts	0.5	No	Yes	9-12	
Photo Art 2	Fine Arts	0.5	No	Yes	9-12	
Printmaking	Fine Arts	0.5	No	Yes	10-12	
Sculpture 1	Fine Arts	0.5	No	Yes	9-12	
Sculpture 2	Fine Arts	0.5	No	Yes	10-12	



Design Fundamentals

Course #: 07091001

Credit: 0.5

Credit Type: Fine Arts

Grade Level: 9-12

Design Fundamentals focuses on the basic elements and principles of design. The purpose of this course is to establish a firm background in the basics of good design. Students must demonstrate progress in visual communications. Emphasis will be placed on learning to use media more competently and the ability to move beyond the simple design concepts. In order to take advanced courses, the student must successfully complete this course.

Advanced Art Studio 1

Course #: 07129011 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 11-12
 Pre-Req: Design Fundamentals (required) and two other studio classes of the students choosing

This course is designed for those students interested in compiling a portfolio towards higher education interests such as college entrance and scholarship goals or technical school or business opportunities. Students will be encouraged to study a variety of media with emphasis placed on student preferences, both two and three-dimensional. Emphasis will be placed on student growth in preferred media. Different types of portfolio compilation will be reviewed so that the student may begin to develop a portfolio to suit their particular needs. Careers in the field of art will be researched so that career goals may be developed. Student must have completed three other studio courses prior to enrolling in Advanced Art Studio 1, one of which must be Design Fundamentals.

Advanced Art Studio 2

Course #: 07129021 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 11-12
 Pre-Req: Design Fundamentals (required and two other student classes of the students choosing and then Advanced Art Studio 1

This course is designed for those students interested in compiling a portfolio towards higher education interests such as college entrance and scholarship goals or technical school or business opportunities. Students will be encouraged to study a variety of media with emphasis placed on student preferences, both two and three-dimensional. Emphasis will be placed on student growth in preferred media. Different types of portfolio compilation will be reviewed so that the student may begin to develop a portfolio to suit their particular needs. Careers in the field of art will be researched so that career goals may be developed.

Art & Design 1 IBH

Course #: 07141022 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 11-12
 Pre-Req: previously taken a level 2 course

(Sumner Academy ONLY) IB Art/Design courses prepare students to take the International Baccalaureate Art/Design exams at either the Subsidiary or Higher level. IB Art/Design courses help develop student's aesthetic and creative faculties, offer training in awareness and criticism of art, and enable students to create quality works of art of their own. Students perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail.

Art & Design 2 IBH

Course #: 07141042 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 11-12
 Pre-Req: Art & Design 1 IBH

(Sumner Academy ONLY) IB Art/Design courses prepare students to take the International Baccalaureate Art/Design exams at either the Subsidiary or Higher level. IB Art/Design courses help develop student's aesthetic and creative faculties, offer training in awareness and criticism of art, and enable students to create quality works of art of their own. Students perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail.

Art History: Beyond the West

Course #: 07119041 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 9-12

An understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting, and other media will be developed in this class. Students will examine and critically analyze major forms of artistic expression from the past and present from a variety of cultures.

Art History: Western

Course #: 07119021 Credit Type: **Fine Arts**
 Credit: 0.5 Grade Level: 9-12

The Western Art History course offers a chronological survey of Western art from the beginning of civilization to the present time, including the most modern trends and ideas in the ever-changing world of art. An understanding and knowledge of diverse historical and cultural

contexts of architecture, sculpture, painting, and other media will be developed in this class. This course can be taken before or after Art History: Beyond the West.

Ceramics 1

Course #: 07094021
Credit: 0.5
Pre-Req: Design Fundamentals

Credit Type: **Fine Arts**
Grade Level: 9-12

The purpose of this course is to learn the various hand-building techniques of working with clay such as coil, slab, pinch and drape. An introduction to wheel-thrown pots and glaze application will be included.

Ceramics 2

Course #: 07104021
Credit: 0.5
Pre-Req: Design Fundamentals (required) and Ceramics 1

Credit Type: **Fine Arts**
Grade Level: 10-12

The purpose of this course is to further explore the hand-building techniques learned in Ceramics 1. Additional techniques will be covered, such as wheel and hand-built forms, handles, glaze formulas, glaze mixing and application, kiln loading and firing. Advanced throwing techniques will also be introduced.

Drawing 1

Course #: 07091011
Credit: 0.5
Pre-Req: Design Fundamentals

Credit Type: **Fine Arts**
Grade Level: 9-12

This course will provide the necessary discipline for acquainting students with the basic skills and techniques of drawing. The major emphasis of the course will be increasing visual perception. A wide range of drawing media will become part of the learning-to-see program. Students will be introduced to a wide range of techniques and media. Emphasis will be placed on learning to use media more competently and moving beyond the simple concepts into more advanced work area.

Drawing 2

Course #: 07101011
Credit: 0.5
Pre-Req: Design Fundamentals (required) and Drawing 1

Credit Type: **Fine Arts**
Grade Level: 10-12

This course will stress experimentation, research, and physical application of knowledge. There will be research into drawing methods and materials used by past artists as well as exploration of new approaches to drawing.

Jewelry

Course #: 07095011
Credit: 0.5
Pre-Req: Design Fundamentals

Credit Type: **Fine Arts**
Grade Level: 9-12

Jewelry courses apply art and design principles to the creation of jewelry. Typically, students explore using various media, such as ceramic, papier-mâché, glass, plastic, copper-enameled, brass, and silver. Course topics include exposure to jewelry of diverse world cultures and the history of jewelry design. Some Jewelry courses may concentrate on metalwork processes such as brazing, soldering, casting, welding, riveting, and finishing as they relate to the creation of jewelry.

Painting 1

Course #: 07102011
Credit: 0.5
Pre-Req: Design Fundamentals (required) and Drawing 1

Credit Type: **Fine Arts**
Grade Level: 10-12

Painting 1 will involve learning many of the various skills, techniques, styles and media of painting and drawing. A wide variety of techniques will be included, such as impasto, hard edge, underglazing, etc. Media will cover acrylic, watercolor, pencil, pastels, colored inks, etc.

Painting 2

Course #: 07102021
Credit: 0.5
Pre-Req: Design Fundamentals (required) and Drawing 1, Painting 1 (in that order)

Credit Type: **Fine Arts**
Grade Level: 10-12

Painting 2 will allow students to pursue interests in the advanced study of drawing and painting. Along with the media used in the previous class, oil painting will be added to the list of techniques and materials.

Photo Art 1

Course #: 07108011

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Design Fundamentals

Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

Photo Art 2

Course #: 07108021

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Photo Art 1

Photographic Art 2 is an extension of Photographic Art 1, and is designed to teach photography techniques in preparation for the commercial photography careers. Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

Printmaking

Course #: 07103031

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 10-12

Pre-Req: Design Fundamentals (required) and Drawing 1

Printmaking courses introduce students to a variety of printmaking techniques using processes such as relief printing (monoprint, collagraph block); intaglio (etching and engraving); and perigraphy (silkscreen films, stencils, block-out). These courses emphasize design elements and principles and introduce art criticism as applied to fine art prints. Lessons may also include the historical development of printmaking in Western and non-Western cultures.

Sculpture 1

Course #: 07096001

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Design Fundamentals

This course is designed for students interested in learning the techniques of modeling, constructing, carving, and molding three-dimensional forms using a variety of techniques and materials. Materials may include clay, wood, paper, and metals. There will be group and individual projects.

Sculpture 2

Course #: 07106021

Credit Type: **Fine Arts**

Credit: 0.5

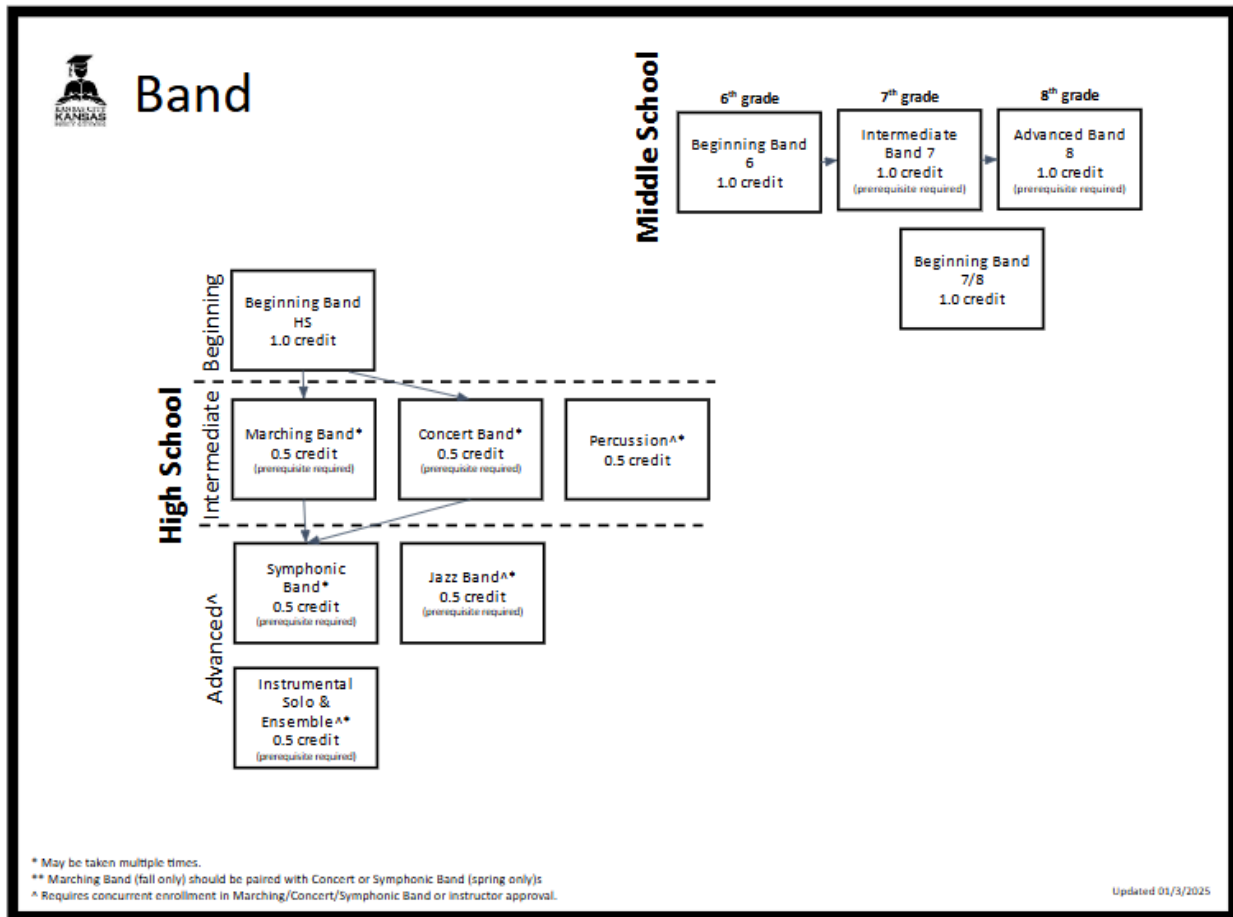
Grade Level: 10-12

Pre-Req: Design Fundamentals (required) and Sculpture 1

Sculpture 2 is an extension of Sculpture 1. Students will expand their three-dimensional experience by creating more advanced projects as well as by developing a deeper understanding of composition. A variety of media will be used including clay, wood, paper, and metals.

Band – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Beginning Band	Fine Arts	1.0	No	No	9-12	For students with no previous instrument experience
Marching Band	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Concert Band	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Symphonic Band	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Jazz Band	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Instrumental Solo & Ensemble	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Percussion	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times



Beginning Band

Course #: 08095002
 Credit: 1.0

Credit Type: Fine Arts
 Grade Level: 9-12

Beginning band is for students with no prior band experience. Emphasis will be on music reading, rhythmic counting, technical skills, and tone production to prepare for advancement to the high school band.

Marching Band

Course #: 08095021
 Credit: 0.5

Credit Type: Fine Arts
 Grade Level: 9-12

Pre-Req: prior band experience or instructor approval
 Co-Req: Concert or Symphonic Band

Marching Band is the primary performing group for band students during the fall semester. Emphasis will be placed on music literacy and marching fundamentals. Marching Band is a co-curricular course: students are assessed on skills that are demonstrated both during and

outside of the school day; evening and weekend activities are encouraged. At the conclusion of the marching season, students will enroll for a second semester Concert or Symphonic Band at the discretion of the instructor. This course may be taken for credit in multiple years. .

Concert Band

Course #: 08095031

Credit Type: Fine Arts

Credit: 0.5

Grade Level: 9-12

Pre-Req: prior band experience or instructor approval

Co-Req: Marching Band

Concert Band provides a continuation of the skills developed in 8th grade band by students in grades 9-12. Students enrolled in marching band during the fall semester may enroll in this class during the spring semester. Emphasis will be placed on instrumental technique and ensemble skills. Concert Band is a co-curricular course: students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged. This course may be taken for credit in multiple years.

Symphonic Band

Course #: 08095041

Credit Type: Fine Arts

Credit: 0.5

Grade Level: 9-12

Pre -Req: Instructor Approval

Co-Req: Marching Band

Symphonic Band is an advanced performing ensemble for students who play wind and percussion instruments and exceed prescribed skills in the GVC. Students enrolled in marching band in the fall semester may be eligible for this course during the spring semester. Symphonic Band is a co-curricular course: students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged, including concerts, festivals, and state-level performances. This course may be taken for credit in multiple years.

Jazz Band

Course #: 08097015

Credit Type: Fine Arts

Credit: 0.5

Grade Level: 9-12

Pre-Req: Symphonic Band or Marching Band AND Instructor Approval

Jazz Band is an advanced instrumental ensemble for students in grades 9-12 who exceed prescribed skills in the curriculum. Members will study various styles of jazz literature including jazz, swing, rock, and contemporary. Improvisation will be taught in various styles. Jazz Band is a co-curricular course: students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged. Jazz Band members may be required to participate in marching band or orchestra. This course may be taken for credit in multiple years.

Instrumental Solo & Ensemble

Course #: 08109012

Credit Type: Fine Arts

Credit: 0.5

Grade Level: 9-12

Pre-Req: Instructor Approval

Instrumental Solo/Ensemble is for advanced students who exceed prescribed skills in the curriculum. Students will receive both individual and group instruction on a variety of technical studies, solo, and ensemble literature. Participation in concerts, festivals, and other performances may be encouraged. This course may be taken for credit in multiple years.

Percussion

Course #: 08095051

Credit Type: Fine Arts

Credit: 0.5

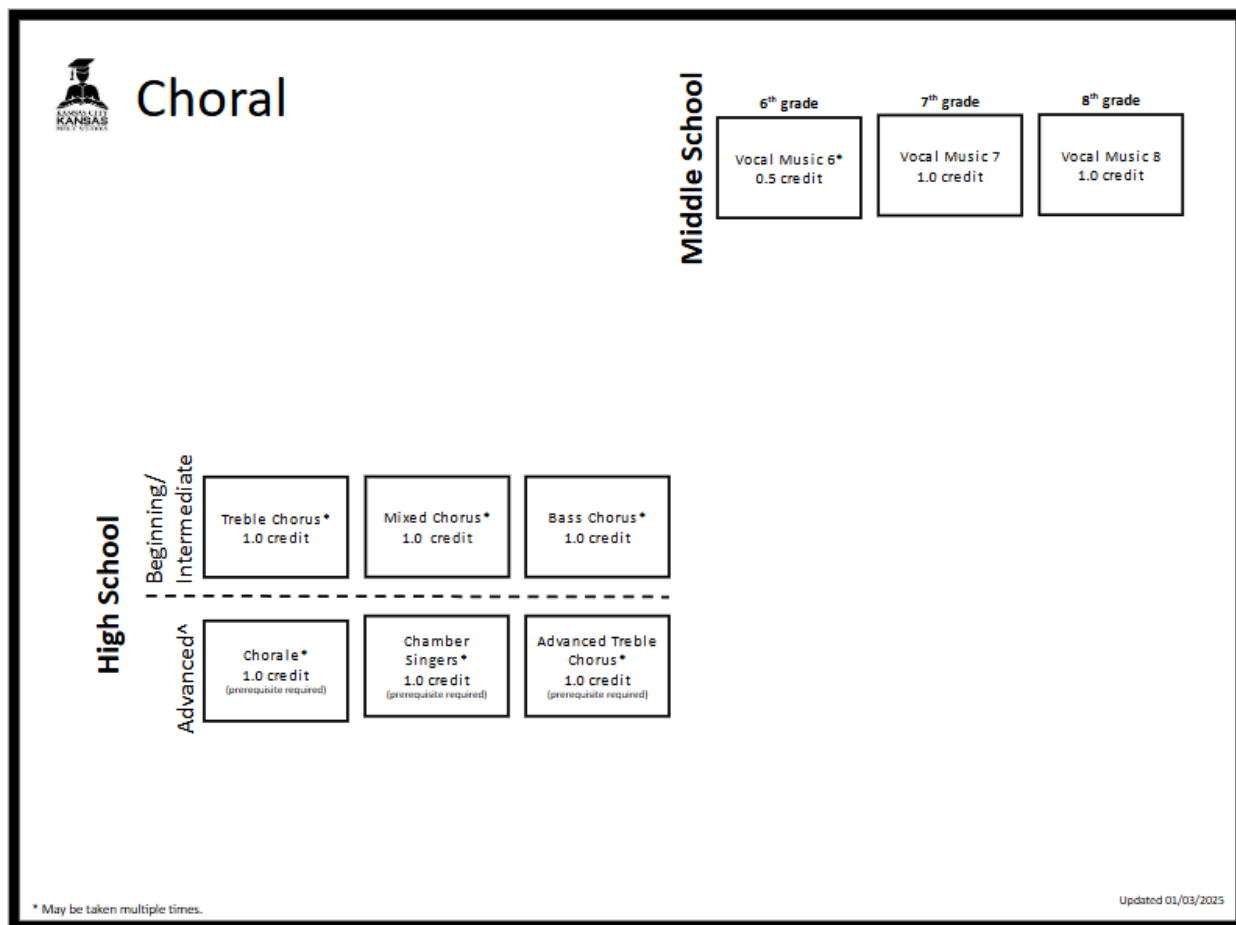
Grade Level: 9-12

Co-Req: Band

Percussion is for students who play a percussion instrument. Enrollment in Marching Band may be required. Emphasis will be placed on percussion fundamentals. Mallet instruments, keyboard techniques, and note and rhythm reading will be stressed. Although some school owned instruments are available for use for a yearly fee, students are encouraged to acquire their own instruments.

Choral – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Treble Chorus	Fine Arts	1.0	No	No	9-12	Can be taken multiple times
Mixed Chorus	Fine Arts	1.0	No	No	9-12	Can be taken multiple times
Bass Chorus	Fine Arts	1.0	No	No	9-12	Can be taken multiple times
Advanced Treble Ensemble	Fine Arts	1.0	No	Yes	10-12	Can be taken multiple times
Chamber Singers	Fine Arts	1.0	No	Yes	10-12	Can be taken multiple times
Chorale	Fine Arts	1.0	No	Yes	10-12	Can be taken multiple times



Treble Chorus

Course #: 08093001
Credit: 1.0

Credit Type: **Fine Arts**
Grade Level: 9-12

Treble Chorus is a training organization for soprano and alto voices, designed to develop basic vocal technique, music literacy, and performance skills. Students are assessed on skills that are demonstrated both during and outside of the school day. Attendance is encouraged at both in and out-of-school rehearsals and performances. This course may be taken for credit in multiple years.

Mixed Chorus

Course #: 08093012
Credit: 1.0

Credit Type: **Fine Arts**
Grade Level: 9-12

Mixed Chorus is a training organization for mixed voices, designed to develop basic vocal technique, music literacy, and performance skills. Students are assessed on skills that are demonstrated both during and outside of the school day. Attendance is encouraged at both in and out-of-school rehearsals and performances. This course may be taken for credit in multiple years.

Bass Chorus

Course #: 08092011
Credit: 1.0

Credit Type: **Fine Arts**
Grade Level: 9-12

Bass Chorus is a training organization for tenor and bass voices, designed to develop basic vocal technique, music literacy, and performance skills. Students are assessed on skills that are demonstrated both during and outside of the school day. Attendance is encouraged at both in and out-of-school rehearsals and performances. This course may be taken for credit in multiple years.

Advanced Treble Ensemble

Course #: 08102030
Credit: 1.0
Pre-Req: Instructor Approval

Credit Type: **Fine Arts**
Grade Level: 10-12

Advanced Treble Ensemble is an advanced choral ensemble for students with treble voices who exceed prescribed skills in the curriculum. Students in this choir will perform choral literature from a variety of styles; instruction is focused on the development of individual vocal technique and ensemble performance skills. Students are assessed on skills that are demonstrated both during and outside of the school day; evening activities are encouraged. This course may be taken for credit in multiple years.

Chamber Singers

Course #: 08103042
Credit: 1.0
Pre-Req: Instructor Approval

Credit Type: **Fine Arts**
Grade Level: 10-12

Chamber Singers is an advanced, small, mixed ensemble for students who exceed prescribed skills in the curriculum. Participants study and perform literature in various musical styles and learn advanced vocal and choral techniques. Students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged. This course may be taken for credit in multiple years.

Chorale

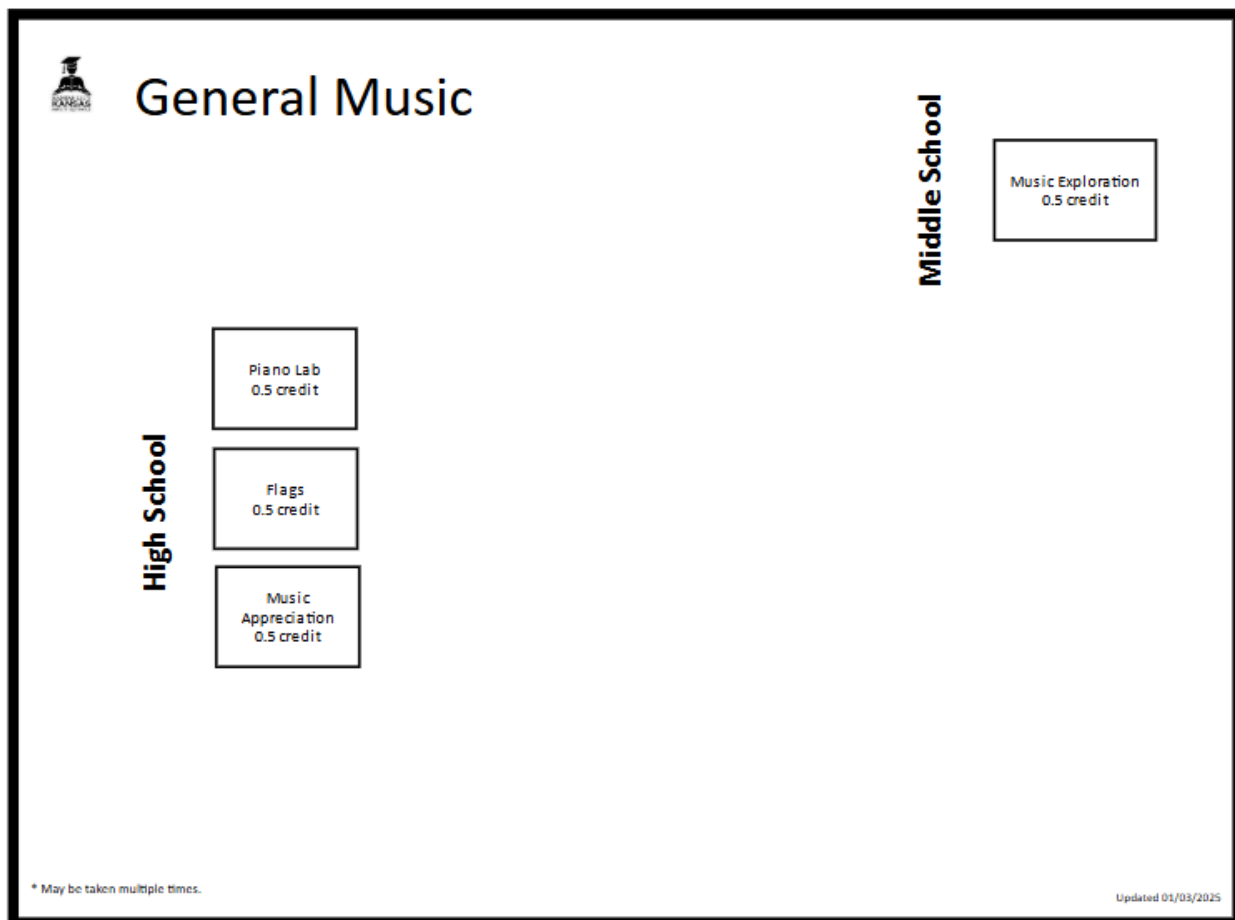
Course #: 08103062
Credit: 1.0
Pre-Req: Instructor Approval

Credit Type: **Fine Arts**
Grade Level: 10-12

Chorale is a large, advanced, choral ensemble for students who exceed prescribed skills in the curriculum. Students in this choir will study and perform literature in various musical styles and learn advanced vocal and choral technique. Students are assessed on skills that are demonstrated both during and outside of the school day; evening activities are encouraged. This course may be taken for credit in multiple years.

General Music – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Flags	Fine Arts	0.5	No	No	9-12	Can be taken multiple times
Music Appreciation	Fine Arts	0.5	No	No	9-12	
Music IBS	Fine Arts	1.0	No	No	11-12	Sumner Academy ONLY
Piano Lab	Fine Arts	0.5	No	No	9-12	Can be taken multiple times



Flags

Course #: 08096021
Credit: 0.5

Credit Type: Fine Arts
Grade Level: 9-12

Flags is a class for students who wish to be involved in the marching band color guard for the school. Students enrolled in this class will learn and execute intricate synchronized drills to be performed with and without the marching band, with attention to precise choreographed physical movement that involves the manipulation of various flags and props. This is a co-curricular course: students will be assessed on skills demonstrated both during and outside of the school day; evening and weekend activities are encouraged. This course may be taken for credit in multiple years.

Music Appreciation

Course #: 08098011
Credit: 0.5

Credit Type: Fine Arts
Grade Level: 9-12

Music Appreciation is a non-performance, semester-course open to all students in grades 9-12. Students will focus on listening skills and highlights and will learn basic elements of music and of music history. They will also be exposed to various types of musical styles including hip-hop, classical, jazz, and rock and roll.

Music IBS

Course #: 08148020
Credit: 1.0
Pre-req: Instructor Approval

Credit Type: Fine Arts
Grade Level: 11-12
Co-Req: Band/Choir/Orchestra

(Sumner Academy ONLY) IB Music courses prepare students to take the International Baccalaureate Music exam at either the Subsidiary or Higher level. IB Music courses develop students' knowledge and understanding of music through training in musical skills (listening, performing, and composing); exposure to music theory; and formulation of an historic and global awareness of musical forms and styles. Historical, theoretical, and practical studies are suggested by the IB Curriculum Board.

Piano Lab

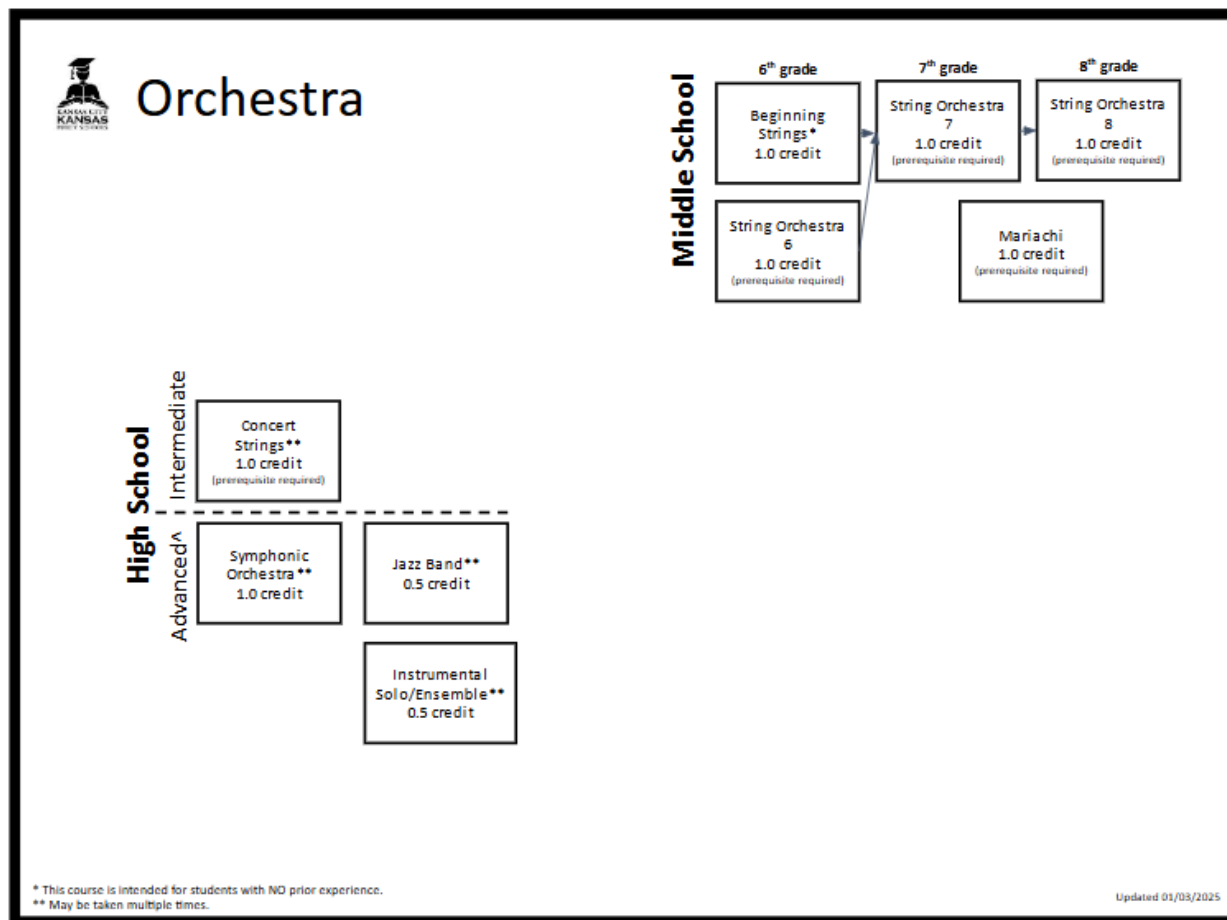
Course #: 08108031
Credit: 0.5

Credit Type: Fine Arts
Grade Level: 9-12

Piano Lab is an introduction to the keyboard and the fundamentals of music for students. The curriculum includes note reading, chording, playing scales and single line melodies with chordal accompaniment, transposing, and experience in the various styles and techniques of piano playing. This course may be taken for credit in multiple years.

Orchestra – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Concert Strings	Fine Arts	1.0	No	Yes	9-12	Can be taken multiple times
Symphonic Orchestra	Fine Arts	1.0	No	Yes	9-12	Can be taken multiple times
Instrumental Solo/Ensemble	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times



Concert Strings

Course #: 08094012

Credit: 1.0

Pre-Req: previous string experience or instructor approval

Credit Type: Fine Arts

Grade Level: 9-12

Concert Strings provides a continuation of the skills developed in 8th grade orchestra by students in grades 9-12. Concert Strings is a co-curricular course: students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged. This course may be taken for credit in multiple years.

Symphonic Orchestra

Course #: 08094022

Credit: 1.0

Pre-Req: Instructor Approval

Credit Type: Fine Arts

Grade Level: 9-12

Symphonic Orchestra is an advanced performing ensemble for students in grades 9-12 who play string instruments and exceed prescribed skills in the curriculum. This is a co-curricular course: students are assessed on skills that are demonstrated both during and outside of the school day; evening and weekend activities are encouraged. This course may be taken for credit in multiple years.

Instrumental Solo & Ensemble

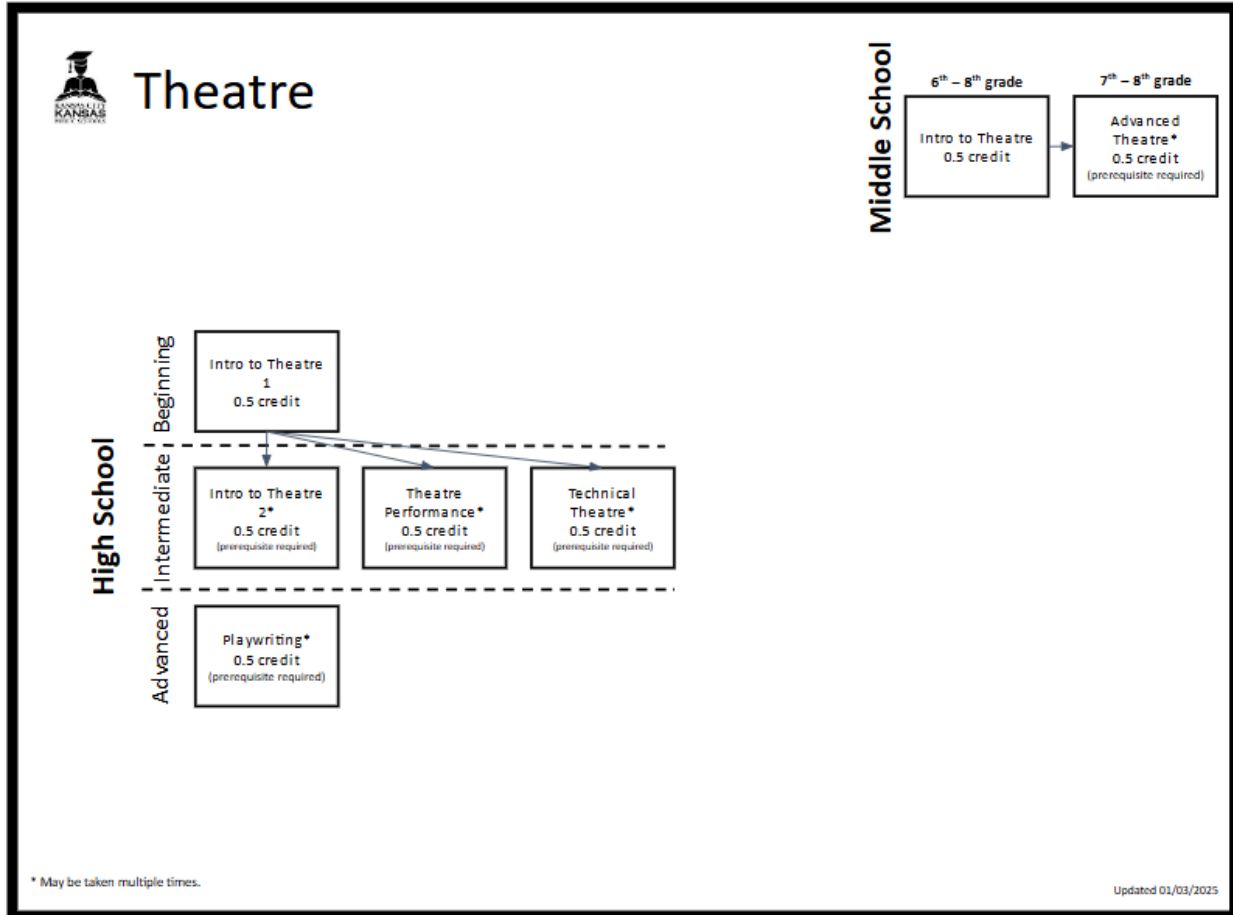
Course #: 08109012
Credit: 0.5
Pre-Req: Instructor Approval

Fine Arts
Grade Level: 9-12

Instrumental Solo/Ensemble is for advanced students who exceed prescribed skills in the curriculum. Students will receive both individual and group instruction on a variety of technical studies, solo, and ensemble literature. Participation in concerts, festivals, and other performances are encouraged. This course may be taken for credit in multiple years.

Theatre – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Introduction to Theatre 1	Fine Arts	0.5	No	No	9-12	
Introduction to Theatre 2	Fine Arts	0.5	No	Yes	9-12	
Playwriting	Fine Arts	0.5	No	No	9-12	Can be taken multiple times
Technical Theatre	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times
Theatre Performance	Fine Arts	0.5	No	Yes	9-12	Can be taken multiple times



Introduction to Theatre 1

Course #: 09091120
Credit: 0.5

Credit Type: Fine Arts
Grade Level: 9-12

Intro to Theatre 1 provides students with an introductory experience to the world of theatre. This course serves as an overview of performance and principles of acting, playwriting, improvisation, theater organization, basic set construction and lighting, careers in the theater, directing, and management. Students will work individually and in groups to present in-class performances. This course may be taken for credit in multiple years. Attendance at evening or weekend events is encouraged.

Introduction to Theatre 2

Course #: 09101012
Credit: 0.5
Pre-Req: Intro to Theatre 1

Credit Type: Fine Arts
Grade Level: 9-12

Intro to Theatre 2 is an extension of Intro to Theatre 1. The course provides the opportunity for continued development of skills, focusing on physical and vocal expression for the actor, and work in characterization, script analysis, and acting styles. This course may be taken for credit in multiple years. Attendance at evening or weekend events is encouraged.

Playwriting

Course #: 09102021

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Intro to Theatre or previous experience

Playwriting introduces the craft of writing for the theater. Students will use brainstorming and improvisational techniques to generate original scripts for stage production and will explore scene structure, action, events, voice, and dialogue with an emphasis on process, risk-taking, and finding one's own voice and vision. This course may be taken for credit in multiple years. Attendance at evening or weekend events is encouraged.

Technical Theatre

Course #: 09102012

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Intro to Theatre or previous experience

Technical Theatre offers training in the skills of scene design, set construction, electricity, and stage lighting. Students in this course may develop technical elements for any of the school's theater productions. Some evening activities may be required. This course may be taken for credit in multiple years. Attendance at evening or weekend events is encouraged.

Theatre Performance

Course #: 09111020

Credit Type: **Fine Arts**

Credit: 0.5

Grade Level: 9-12

Pre-Req: Intro to Theatre 2 or previous experience

Theatre Performance will deepen the study of ensemble performance, scripted and improvised acting, playwriting, directing and theatre history. Students will work individually and collaboratively to present theatrical performances. Some evening activities may be required. This course may be taken for credit in multiple years. Attendance at evening or weekend events is encouraged.

Career and Technical Education Pathways

What is Career and Technical Education?

Career and Technical Education (CTE) provides hands-on, career-focused classes that prepare students for the real world. These programs combine academics, technical skills, and practical experiences, helping students explore industries like healthcare, business, technology, engineering, culinary arts, and more.

Why Take CTE Classes?

CTE classes let students discover their passions while learning real-world skills they can use right away. Many programs offer opportunities to earn college credit or industry certifications, saving students time and money after graduation. With engaging, hands-on projects, CTE makes learning more relevant and exciting.

Whether planning for college, a career, or both, CTE gives students a head start. It builds confidence and prepares them with the knowledge and skills they need to succeed in their future goals.

Required CTE Course for Graduation for students until 2028

Business Communications

Course #: 21520313
Credit: 0.5

Credit Type: [Career & Technical](#)

Master the art of communication in the business world! This course teaches you how to write, speak, and present effectively while using technology to connect with others. You'll practice crafting professional emails, delivering presentations, and working on real-world projects to build your skills. Perfect for anyone looking to succeed in today's fast-paced, tech-driven workplaces!

Diploma+ and CTE

At KCKPS, we aim for students to graduate with more than just a diploma - we want them to leave high school prepared for a successful future in college or a career. Diploma+ starts early, with preschool and elementary programs focused on building a strong academic foundation, developing social and emotional skills, and introducing students to different careers.

In middle school, students begin exploring college and career options through field trips, hands-on learning, guest speakers, and career exploration tools. By high school, students can dive deeper into their interests through Career and Technical Education (CTE) courses, giving students the chance to learn technical skills tied to their career interests while also developing essential employability skills to prepare for life after graduation. CTE provides real-world learning experiences in industries students are exploring, helping them connect their education to their future goals.

Biotechnology

Please check with your school counselor to see if your program is available at your school.

The Biotechnology Pathway allows students to explore the intersection of biology, medicine, and technology through hands-on learning in areas such as genetics, biomedical engineering, and medical interventions. Students tackle real-world challenges like disease treatment, medical device innovation, and public health solutions. This pathway is ideal for students interested in careers such as biomedical researcher, geneticist, medical technologist, biotechnology engineering, or healthcare professional.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Chemistry*
	Computer Applications
Technical (Level 2)	Anatomy and Physiology*
	Medical Interventions
	Principles of Biomedical Science
	Robotics
Application (Level 3)	Biomedical Innovation

*Anatomy and Physiology and Chemistry are courses in the Science Department

- Industry Recognized Credential: BLS CPR
- Aligned to KCKPS Special Program: Bio+

Biomedical Innovation

Course #: 21260515

Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

In Biomedical Innovation, you'll tackle real-world health challenges by applying your knowledge of biomedical sciences. Explore topics like clinical medicine, biomedical engineering, and public health while designing innovative solutions to 21st-century problems. This hands-on capstone course lets you work on independent projects, create prototypes, and present your findings to professionals in the healthcare and business community.

Medical Interventions

Course #: 21260311

Credit: 1.0

Credit Type: [Career & Technical](#)

Explore the cutting-edge world of healthcare in Medical Interventions! This course dives into how medical professionals and researchers tackle challenges like infections, genetic disorders, cancer, and organ failure. Learn about vaccines, gene therapy, diagnostic tools, and innovative treatments like nanotechnology and transplants. Through hands-on projects, you'll study how medical advances save lives and prepare for careers in health science and biotechnology. Perfect for students passionate about improving public health and exploring medical breakthroughs!

Principles of Biomedical Science

Course #: 21260313

Credit: 1.0

Credit Type: [Career & Technical](#)

Explore the foundations of health and medicine! This course introduces you to real-world health challenges and innovative solutions through topics like genetics, infectious diseases, water quality, and medical interventions. Engage in hands-on experiments, design models, and analyze data to solve problems in clinical medicine, biomedical engineering, and public health. Perfect for students interested in science, healthcare, and making an impact in the medical field!

Robotics

Course #: 21140315

Credit: 1.0

Credit Type: [Career & Technical](#)

Dive into the world of robotics! In this course, you'll learn how to design, build, and program robots while exploring mechanics, electronics, and coding. Through hands-on projects, you'll solve real-world challenges and develop problem-solving and teamwork skills. Perfect for students excited about technology, engineering, and innovation!

Business Finance

Please check with your school counselor to see if your program is available at your school.

The Business Finance Pathway introduces students to essential concepts in banking, accounting, investing, and financial planning. Students gain hands-on experience analyzing financial data, managing budgets, and understanding investment strategies. This pathway is ideal for students interested in careers such as financial analyst, accountant, investment advisory, banker, or personal financial planner.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Business Essentials
Technical (Level 2)	Accounting
	Business Communications*
Application (Level 3)	Banking and Finance
	Investing

* required course

Accounting

Course #: 21520331
Credit: 1.0

Credit Type: [Career & Technical](#)

Learn how to manage money like a pro in this Accounting course! You'll explore key skills like recording transactions, creating budgets, tracking profits, and understanding payroll and taxes. With hands-on practice using tools like spreadsheets, you'll gain valuable knowledge for careers in business, finance, or entrepreneurship. This course is your first step to mastering the language of money!

Banking & Finance

Course #: 21520533
Credit: 0.5

Credit Type: [Career & Technical](#)
Co-Req: Investing

In this course, you will learn how banks operate, how they generate profit, and the laws and regulations that govern the industry. Gain skills in financial analysis, technology, and security while discovering the loan application process and the importance of building strong client relationships. This course also offers insights into careers in banking, helping you plan your future in the financial industry.

Investing

Course #: 21520535
Credit: 0.5

Credit Type: [Career & Technical](#)
Co-Req: Banking & Finance

Investing students learn about business and individual investment decisions by comparing and contrasting the investment qualities of cash, stock, bonds, and mutual funds. Student may also review annual reports, predicting growth rates, analyzing trends, and participating in stock market simulations.

Business Management & Entrepreneurship

Please check with your school counselor to see if your program is available at your school.

The Business Management and Entrepreneurship Pathway provides students with the skills to lead, innovate, and succeed in a variety of industries. Through hands-on experiences, students learn essential business concepts such as planning, communication, marketing, and financial management. This pathway is ideal for students interested in careers such as business manager, entrepreneur, marketing specialist, financial analyst, or human resources professional.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Business Essentials
	Business Communications*
Technical (Level 2)	Business Management
	Entrepreneurship
Application (Level 3)	Applied Business Development

*required course

Applied Business Development

Course #: 21520521
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Bring your business ideas to life in Applied Business Development! This course teaches you how to plan, launch, and manage a business while tackling real-world challenges. Develop skills in market analysis, financial planning, and team leadership. With hands-on projects and problem-solving opportunities, you'll gain the tools to succeed as an entrepreneur or business leader. Perfect for students ready to turn their creativity into a thriving enterprise!

Business Management

Course #: 21520319
Credit: 0.5

Credit Type: [Career & Technical](#)

This course covers planning, staffing, financing, and controlling functions, giving you a macro-level understanding of the business world. You'll learn about management styles, economic principles, human resources, and risk management, while applying real-world problem-solving skills to make informed decisions. Perfect for students ready to build a strong foundation for success in business!

Entrepreneurship

Course #: 21520315
Credit: 0.5

Credit Type: [Career & Technical](#)

Turn your business ideas into reality! This course teaches you the skills needed to start and run your own business or bring an entrepreneurial mindset to any career. Explore topics like business planning, marketing, financial management, and ethical decision-making. Learn how to identify opportunities, evaluate risks, and develop a business plan. Perfect for future innovators and business leaders ready to make their mark!

Computer Science

Please check with your school counselor to see if your program is available at your school.

The Computer Science Pathway offers an exciting opportunity for students to dive into programming, cybersecurity, and computational problem-solving. Students engage in hands-on projects exploring coding, data analysis, and innovative technologies while building skills in critical thinking and teamwork. This pathway is ideal for students interested in careers such as software developer, cybersecurity analyst, data scientist, web developer, or artificial intelligence specialist.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Computer Applications
	AP Computer Science Principles
Technical (Level 2)	Computer Programming
	Computer Science Essentials (CSE)
Application (Level 3)	AP Computer Science A
	Cybersecurity 1

- Aligned to KCKCC TEC Program: Cybersecurity
- Aligned to KCKPS Special Program: Tech Impact

AP Computer Science A

Course #: 21110519
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Dive into the world of programming with AP Computer Science A! This course follows a college-level curriculum, teaching you how to design, write, and debug computer programs to solve real-world problems. You'll master key concepts like object-oriented programming, algorithms, data structures, and debugging techniques, all while working with Java. Get ready to build your coding skills and prepare for exciting opportunities in technology!

AP Computer Science Principles

Course #: 21110317
Credit: 1.0

Credit Type: [Career & Technical](#)

Discover the exciting world of computer science with AP Computer Science Principles! Learn about programming, algorithms, big data, the Internet, and cybersecurity while exploring how technology shapes the world. Through creative projects, you'll solve real-world problems, process information, and build digital solutions. This hands-on course will expand your understanding of computer science and its impact on society!

Computer Programming

Course #: 21110315
Credit: 1.0

Credit Type: [Career & Technical](#)

Unlock the power of coding in Computer Programming! This course introduces you to building computer programs using popular programming languages like Java, Python, or C++. You'll learn how to write, debug, and document code while exploring key concepts like program structure, data management, and system design. Through hands-on projects, you'll develop skills to create real-world applications, preparing you for a future in software development and technology innovation.

Computer Science Essentials (CSE)

Course #: 21110313
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

This course introduces you to the fundamentals of protecting networks and data from threats. Learn about security practices, risk assessment, and the tools used to prevent cyberattacks. Explore topics like ethical security, encryption, and safeguarding systems from malware and phishing.

Construction & Design

Please check with your school counselor to see if your program is available at your school.

The Construction and Design Pathway is designed for students interested in careers in building, designing, and managing construction projects. Students gain hands-on experience in carpentry, drafting, woodworking, and interior design while exploring advanced materials and technologies. This pathway supports students pursuing careers such as architect, construction manager, interior designer, carpenter, or skilled trades professional.

Construction Strand

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Introduction to Skilled Trade
Technical (Level 2)	Carpentry 1
	Woodworking Principles
Application (Level 3)	Advanced Materials Technology
	Carpentry 2

- Industry Recognized Credentials: OSHA-10 and NCCER Core
- Aligned to KCKCC TEC Programs: Building Engineering and Maintenance Technology, Construction Technology, Electrical Technology, and Heating and Refrigeration

Design Strand

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Introduction to Skilled Trade
Technical (Level 2)	Architectural Design 1
	Interior Design 1
	Drafting/Architecture 1
Application (Level 3)	Drafting/Architecture 2

Advanced Materials Technology

Course #: 21140559

Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Woodworking Principles with a grade of C or higher

In this hands-on course, you'll design, plan, and construct projects using advanced materials and cutting-edge techniques. From selecting the best materials to mastering tools, finishes, and fabrication methods, you'll gain real-world experience.

Architectural Design 1

Course #: 21140361

Credit: 0.5

Credit Type: [Career & Technical](#)

Are you interested in architecture, construction, or design? This course introduces you to the fundamentals of designing buildings, landscapes, and products. You'll learn about design history, drafting techniques, and how to create detailed drawings and 3D models. Whether you're planning a career in architecture or just want to explore your creativity, this class will give you the skills to bring your ideas to life!

Carpentry 1

Course #: 21140353

Credit: 1.0

Credit Type: [Career & Technical](#)

Learn the essential skills of construction in Carpentry 1! This course introduces you to the tools, techniques, and safety standards used in the industry. Gain hands-on experience in blueprint reading, building materials estimation, and constructing flooring, wall, and roof systems. Master the use of hand and power tools while learning foundational construction methods for residential and commercial projects. Perfect for students ready to build their future in construction!

Carpentry 2

Course #: 21140557

Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: Successful completion of Carpentry 1 with a grade of C or higher

Advance your construction skills with Carpentry 2! This course builds on the foundations from Carpentry 1, focusing on rough construction and finish work. Gain hands-on experience installing insulation, windows, doors, siding, drywall, interior trim, and cabinets. Learn stair layout and construction while understanding how HVAC, electrical, and plumbing systems fit into a project. Perfect for students ready to master more advanced construction techniques!

Drafting/Architecture 1

Course #: 21140365

Credit: 1.0

Credit Type: [Career & Technical](#)

Step into the world of design with Drafting/Architecture 1! This course introduces you to architectural drafting techniques, focusing on creating floor plans, electrical and plumbing layouts, and foundation designs for residential and light commercial structures. Learn about site

orientation, historical architectural styles, and 3D modeling while developing essential skills to bring your designs to life. Perfect for students interested in architecture, engineering, or construction design!

Drafting/Architecture 2

Course #: 21140567
Credit: 0.5

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Drafting/Architecture 1 with a grade of C or higher

Take your design skills to the next level in Drafting/Architecture 2. This advanced course focuses on architectural trends, green building techniques, and cutting-edge technologies in HVAC, electrical, and plumbing systems. You'll work on designing functional and sustainable spaces, creating construction documents, and developing commercial landscape designs. Collaborate with peers, apply industry standards, and present your designs to prepare for a career in architecture or construction design!

Interior Design 1

Course #: 211405151
Credit: 0.5

Credit Type: [Career & Technical](#)

Explore your creativity in Interior Design 1! This course introduces you to design principles, furniture styles, color schemes, and materials used to create beautiful functional spaces. Learn how to design floor plans, select furnishing, and consider sustainability in your designs. With hands-on projects and visual presentations, you'll develop the skills to bring your ideas to life and prepare for careers in interior design or related fields.

Introduction to Skilled Trades

Course #: 221140151
Credit: 0.5

Credit Type: [Career & Technical](#)

This course focuses on foundational skills essential for construction careers, including proper use of hand and power tools, safety protocols, and blueprint reading. Learn how to handle materials safely, interpret construction plans, and develop critical teamwork and communication skills. With a strong emphasis on industry standards, this course sets the stage for success in construction and related fields!

Woodworking Principles

Course #: 21140355
Credit: 1.0

Credit Type: [Career & Technical](#)

Learn the basics of cabinetmaking and furniture design as you master the use of woodworking tools, machines, and techniques. Create projects from start to finish, applying math skills, interpreting plans, and using precise construction methods. Perfect for students who love working with their hands and want to build skills for careers in construction and design!

Energy

Please check with your school counselor to see if your program is available at your school.

The Energy Pathway empowers students to explore the critical role of energy in society, from renewable resources to advanced electrical systems and efficient energy use. Through engaging, hands-on projects, students gain insights into energy production, distribution, and innovation while considering environmental and societal impacts. This pathway is ideal for students interested in careers such as renewable energy technician, electrical engineer, energy auditor, HVAC specialist, or power plant operator.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Introduction to Energy
Technical (Level 2)	Electricity and Electronics 1
	Energy Industry Fundamentals
	Energy, Power and Society
Application (Level 3)	Electricity and Electronics 2
	HVAC Technology

- Industry Recognized Credentials: OSHA-10 and NC3 Data Analytics
- Aligned to KCKCC TEC Program: Electrical Technology and Heating and Refrigeration

Introduction to Energy

Course #: 21140121

Credit Type: [Career & Technical](#)

Credit: 0.5

Explore the dynamic world of energy! Learn about different types of energy, how it's generated and distributed, and how humans have used energy over time. Dive into renewable and alternative energy sources, perform energy audits, and discover ways to optimize energy use in buildings. Gain valuable insights into data analysis and careers in the energy field, preparing you for an exciting future in this essential industry!

Electricity and Electronics 1

Course #: 21140325

Credit Type: [Career & Technical](#)

Credit: 1.0

Discover the foundations of electricity and electronics! This course introduces you to key concepts like Ohm's Law, circuit design, and the differences between direct and alternating currents. Learn to work with tools like DMM meters and oscilloscopes while constructing and troubleshooting circuits. Explore topics such as motor theory, transformers, and magnetic properties as you gain hands-on experience to prepare for careers in energy or electronics industries.

Electricity and Electronics 2

Course #: 21140531

Credit Type: [Career & Technical](#)

Credit: 0.5

Pre-Req: successful completion of Electricity and Electronics 1 with a grade of C or higher

Co-Req: HVAC Technology

Build on your knowledge of electricity and electronics by troubleshooting complex circuits, working with motors and transformers, and exploring advanced components like digital electronics. This hands-on course sharpens your skills in diagnosing and maintaining systems, preparing you for careers in energy and electronics!

Energy Industry Fundamentals

Course #: 21140323

Credit Type: [Career & Technical](#)

Credit: 1.0

Discover how energy powers our world with Energy Industry Fundamentals! This course explores the generation, transmission, and use of energy, the evolution of the energy industry, and the importance of a reliable and sustainable power grid. Learn about smart grids, energy policies, and the role of energy in communities and businesses. Gain insights into careers in the energy industry while working toward a nationally recognized credential. Perfect for students passionate about energy and innovation!

Energy, Power and Society

Course #: 21140327

Credit Type: [Career & Technical](#)

Credit: 1.0

Explore the world of energy in Energy, Power and Society! This course dives into renewable and nonrenewable energy sources, how power is generated and used, and the impacts on our economy, environment, and society. Learn about innovative energy solutions, transportation

systems, and ways to address energy challenges. Through hands-on projects and analysis, discover how energy shapes our world and your role in its future!

HVAC Technology

Course #: 21140529

Credit: 0.5

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Co-Req: Electricity and Electronics 2

This course teaches the fundamentals of heating, ventilation, and air conditioning systems, including installation, maintenance, and troubleshooting. Learn about refrigeration principles, electrical circuits, and programmable thermostats while exploring green technology and future industry trends. Gain hands-on experience with tools, soldering, and system repairs to prepare for careers in the HVAC industry!

Engineering

Please check with your school counselor to see if your program is available at your school.

The Engineering Pathway immerses students in the exciting world of innovation, design, and problem-solving through hands-on projects and real-world applications. Students explore topics such as robotics, civil engineering, architecture, and advanced manufacturing while developing critical thinking and technical skills. This pathway is perfect for students interested in careers like mechanical engineer, civil engineer, architect, robotics technician, or industrial designer.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Engineering Essentials
Technical (Level 2)	Engineering Design
	Robotics
Application (Level 3)	Civil Engineering and Architecture
	Engineering Design and Development

- Industry Recognized Credential: OSHA-10

Civil Engineering and Architecture

Course #: 21140517
Credit: 1.0

Credit Type: [Career & Technical](#)
Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

In this course, you'll explore how these professions shape the world around us by tackling real-world challenges using design software and hands-on problem-solving. Learn about project planning, site development, building design, and structural analysis while creating and presenting your own innovative designs. This course is perfect for students interested in engineering, architecture, or sustainable design.

Engineering Design

Course #: 21140313
Credit: 1.0

Credit Type: [Career & Technical](#)

Explore the creative and technical sides of design in Engineering Design! This course guides you through the engineering design process, from sketching and drafting to creating 2D and 3D models using advanced CAD software. Learn about the history of engineering, solve real-world problems, and develop assembly designs while building teamwork and presentation skills. Perfect for students ready to bring innovative ideas to life!

Engineering Design & Development

Course #: 21140519
Credit: 1.0

Credit Type: [Career & Technical](#)
Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Turn your ideas into reality! This capstone course challenges you to identify real-world problems, research solutions, and create innovative designs. Develop technical drawings, build prototypes, and test your creations to refine your ideas. Collaborate with peers, apply STEM principles, and present your final project to a panel of experts. Perfect for students ready to explore engineering and innovation at a deeper level!

Engineering Essentials

Course #: 21140111
Credit: 1.0

Credit Type: [Career & Technical](#)

Discover the exciting world of engineering! Learn about design, robotics, automation, flight, electricity, and manufacturing through hands-on projects and computer-aided design (CAD). Explore various engineering disciplines, develop problem-solving skills, and work on team-based challenges. Perfect for students ready to innovate and explore careers in engineering.

Government & Public Administration

Please check with your school counselor to see if your program is available at your school.

The Government and Public Administration Pathway introduces students to the vital role of serving communities through leadership, policy-making, and public service. Students explore topics like governance, law, and public administration while building skills in leadership, teamwork, and critical thinking. This pathway is ideal for students interested in careers such as city planner, policy analyst, public administrator, diplomat, or legislative assistant.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Introduction to Government and Public Administration
Technical (Level 2)	Business Law
	Government and Public Administration Fundamentals
	Practical Law
Application (Level 3)	Governance Applications

Governance Applications

Course #: 21430537
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Step into the world of government and public administration with Governance Applications! This course equips you with essential skills like leadership, teamwork, budgeting, and decision-making. Learn to develop proposals, make presentations, and manage projects while exploring career paths in public service. You will gain real-world experience to prepare for a future in government or public administration.

Government and Public Administration Fundamentals

Course #: 21430333
Credit: 0.5

Credit Type: [Career & Technical](#)

Discover how government works and how it impacts our daily lives! This class explores careers in government and public administration, from planning and governance to foreign services and public policies. You'll learn about leadership, teamwork, and problem-solving while analyzing how the U.S. interacts with other nations and provides essential services to its citizens. If you're interested in making a difference in your community or beyond, this course is a great start!

Introduction to Government and Public Administration

Course #: 31430131
Credit: 0.5

Credit Type: [Career & Technical](#)

Discover what it takes to serve the public in Introduction to Government and Public Administration! This course introduces you to careers in public service, helping you identify personal strengths, set career goals, and develop leadership and teamwork skills. Learn about problem-solving, ethical decision-making, and the roles of leaders in various organizations. Explore opportunities for involvement in leadership activities at school and beyond while preparing for a future in government or public administration!

Health Science

Please check with your school counselor to see if your program is available at your school.

The Health Science Pathway offers students an exciting opportunity to explore the diverse world of healthcare, from patient care and sports medicine to medical research and wellness. Through hands-on experiences, students develop skills in anatomy, injury prevention, therapeutic techniques, and health science principles. This pathway is ideal for students interested in pursuing health professions such as doctor, nurse, athletic trainer, physical therapist, or healthcare administrator.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Chemistry*
	Intro to Health Care
Technical (Level 2)	Anatomy and Physiology*
	Care of Athletes
	Medical Terminology
Application (Level 3)	Sports Medicine 1
	Sports Medicine 2

* Anatomy and Physiology and Chemistry are courses in the Science Department

- Industry Recognized Credential: BLS CPR
- Aligned to KCKCC TEC Program: Health Careers (CNA)
- Aligned to KCKPS Special Programs: Dental Assistant, Pharmacy Technician

Care of Athletes

Course #: 21260327
Credit: 0.5

Credit Type: [Career & Technical](#)

This course introduces you to the fundamentals of athletic healthcare, including injury prevention, assessment, and rehabilitation. Learn about anatomy, patient care, legal considerations, and therapeutic techniques like taping, stretching, and massage. Through hands-on practice and real-world scenarios, you'll gain valuable skills for pursuing a career in athletic training, physical therapy, or other health science fields.

Introduction to Health Care

Course #: 21260121
Credit: 0.5

Credit Type: [Career & Technical](#)

This course explores the basics of health and wellness professions, including personal health, nutrition, disease prevention, and fitness. Learn about the history of medicine, healthcare delivery systems, medical ethics, and legal responsibilities. Discover a variety of careers in the health sciences and gain the skills to make informed decisions about your future in this vital industry!

Medical Terminology

Course #: 21260323
Credit: 0.5

Credit Type: [Career & Technical](#)

Master the language of healthcare! This course teaches you to break down medical terms by analyzing prefixes, root words, and suffixes. Develop your skills in spelling, pronunciation, and using medical terms accurately in both written and oral communication. Learn to interpret abbreviations, symbols, and documents used in healthcare settings, preparing you for success in health science careers!

Sports Medicine 1

Course #: 21260325
Credit: 1.0

Credit Type: [Career & Technical](#)

Step into the exciting field of sports medicine! Learn how to prevent, evaluate, and treat athletic injuries while exploring topics like anatomy, injury rehabilitation, sports nutrition, and performance enhancement. Gain hands-on experience with first aid, therapeutic techniques, and injury prevention strategies. This course is perfect for students interested in health science, athletic training, or helping athletes stay at their best!

Sports Medicine 2

Course #: 21260529
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Sports Medicine 1 with a grade of C or higher

Take your skills to the next level in Sports Medicine 2! This advanced course dives deeper into injury evaluation, orthopedic medicine, and rehabilitation techniques. Learn to assess and treat athletic injuries, apply advanced taping methods, and understand emergency response protocols. With hands-on experience and certification opportunities, you'll prepare for careers in sports medicine, athletic training, or healthcare. Perfect for students passionate about keeping athletes healthy and performing their best!

Law and Corrections

Please check with your school counselor to see if your program is available at your school.

The Corrections and Law Pathway immerses students in the dynamic world of law enforcement, forensic science, legal services, and public safety. Through hands-on experiences like crime scene investigations and courtroom simulations, students develop critical skills in criminal law, forensic analysis, and legal procedures. This pathway is perfect for students passionate about pursuing impactful careers as police officers, forensic scientists, attorneys, correctional officers, or probation officers.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Introduction to Law and Corrections
	Business Law
Technical (Level 2)	Practical Law
	Forensic Science 1
	Law Enforcement 1
Application (Level 3)	Legal Proceedings
	Forensic Science 2
	Law Enforcement 2

- Aligned to KCKPS Special Programs: Wyandotte County Sheriff Cadet Program, 9-1-1 Dispatch

Business Law

Course #: 21520317
Credit: 0.5

Credit Type: [Career & Technical](#)

Discover the foundations of the legal system and its impact on business and individuals in Business Law. Explore topics like criminal and civil law, contracts, property rights, consumer protection, and employment law. Learn how laws shape business practices, ethical decision-making, and government compliance. This course is perfect for students interested in understanding legal concepts and exploring careers in law, business, or public administration.

Forensics Science 1

Course #: 21430317
Credit: 1.0

Credit Type: [Career & Technical](#)

Step into the fascinating world of forensic science! This course introduces you to crime scene investigation, evidence collection, and analysis techniques. Explore topics like fingerprinting, DNA analysis, toxicology, and bloodstain patterns while learning to determine time of death and analyze human remains. Gain hands-on experience with tools and methods used by forensic professionals, preparing you for careers in law enforcement, forensic anthropology, and related fields!

Forensics Science 2

Course #: 21430521
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Forensic Science 1 with a grade of C or higher

This advanced course dives deeper into crime scene analysis, interrogation techniques, and forensic lab methods. Explore arson investigation, criminal profiling, autopsy procedures, and cybercrime while studying the forensic implications of body systems and trauma. Through hands-on activities and case studies, you'll refine your investigative skills and prepare for careers in forensic science, law enforcement, or criminal justice!

Introduction to Law and Corrections

Course #: 21430113
Credit: 0.5

Credit Type: [Career & Technical](#)

This class introduces you to careers in public safety and the skills needed to succeed in these fields. You'll learn about the legal system, how first responders handle emergencies, and what it takes to protect communities. If you're interested in helping others and making a difference, this course is the perfect place to start!

Law Enforcement 1

Course #: 21430315
Credit: 1.0

Credit Type: [Career & Technical](#)

Are you interested in a career in law enforcement or criminal justice? This class dives into the exciting world of criminal law, the court system, and law enforcement operations. Learn about how laws are made, the court process, and what it takes to work in probation,

incarceration, or policing. You'll explore real-world scenarios, from understanding arrests to analyzing how the Constitution shapes our legal system. It's a great first step toward careers like police officer, lawyer, or corrections officer!

Law Enforcement 2

Course #: 21430525
Credit: 1.0

Credit Type: [Career & Technical](#)

Take your interest in law enforcement to the next level! This advanced course dives into the structure of the judicial system, law enforcement operations, and the rights and protections guaranteed by the Constitution. You'll learn about criminal investigations, search and seizure procedures, and how law enforcement agencies work together to keep communities safe. If you're ready to explore real-world scenarios and prepare for a future in law enforcement, this is the class for you!

Legal Proceedings

Course #: 21430519
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with at C or higher of at least 1.0 technical credits in the pathway

Explore the world of justice and law! This course introduces you to the courtroom process, including mediation, arbitration, and litigation in civil and criminal cases. Learn about the rule of law, restorative justice, and key roles in the legal system. Develop skills in communication, active listening, and case file management while gaining insights into potential legal careers. Perfect for students interested in law, government, or public service!

Practical Law

Course #: 21430335
Credit: 0.5

Credit Type: [Career & Technical](#)

Gain practical knowledge of the legal system in Practical Law! This course explores key legal principles affecting everyday life, including criminal law, family law, juvenile law, and torts. Learn about the rights and responsibilities of individuals, the functions of government, and the legal processes that shape society. Develop problem-solving skills, analyze real-world legal scenarios, and prepare for a career in law. Perfect for students curious about how the law impacts their lives and communities!

Marketing

Please check with your school counselor to see if your program is available at your school.

The Marketing Pathway provides students with the skills to excel in the dynamic world of business, branding, and promotion. Through hands-on experiences, students explore creative strategies for reaching target audiences, developing marketing campaigns, and leveraging digital tools to connect with consumers. This pathway is ideal for students interested in careers such as marketing manager, advertising specialist, social media strategist, brand consultant, or market researcher.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Business Essentials
Technical (Level 2)	Business Communications*
	Digital Marketing
	Principles of Marketing
Application (Level 3)	Marketing Applications

*required course

Digital Marketing

Course #: 21520353

Credit Type: [Career & Technical](#)

Credit: 0.5

Explore the dynamic world of online business with Digital Marketing! This course covers essential skills like creating digital marketing plans, managing online campaigns, and analyzing the impact of social media, email, and e-commerce platforms. Learn about branding, consumer psychology, and how to use analytics to track marketing success. Perfect for students interested in using technology to connect with audiences and build successful brands in the digital age!

Marketing Applications

Course #: 21520555

Credit Type: [Career & Technical](#)

Credit: 1.0

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Take your marketing skills to the next level in Marketing Applications! This course dives into advanced strategies like creating marketing plans, managing promotions, and analyzing customer data. Learn how to develop products, understand consumer behavior, and use technology to make informed decisions. With hands-on projects and real-world problem-solving, you'll build expertise for success in the exiting world of marketing!

Principles of Marketing

Course #: 21520351

Credit Type: [Career & Technical](#)

Credit: 1.0

Discover how businesses connect with customers in Principles of Marketing! Learn the basics of advertising, sales, and product promotion while exploring how companies develop and sell their products. This course gives you the skills to understand consumer behavior and creating marketing strategies, perfect for students curious about the world of business and branding.

Media Design and Communications

Please check with your school counselor to see if your program is available at your school.

The Media Design and Communications Pathway empowers students to bring their creative visions to life through graphic design, photography, animation, web design, and digital media production. Students explore innovative techniques and tools to produce visually compelling content for various platforms, gaining skills in storytelling, design principles, and multimedia technology. This pathway is ideal for students passionate about careers as graphic designers, animators, web developers, photographers, or media production specialists.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Computer Applications
Technical (Level 2)	2D Animation
	Audio/Video Production 1
	Graphic Design 1
	Graphic Design 2
	Photo Imaging
Application (Level 3)	Web Design
	Applied Graphic Design
	Audio/Video Production 2
	Yearbook 1
	Yearbook 2

- Aligned to KCKCC TEC Program: Multimedia/Video Production

2D Animation

Course #: 21110328
Credit: 1.0

Credit Type: [Career & Technical](#)

Bring your drawings to life in 2D Animation! Learn the art of motion through hands-on projects that teach you to create characters, design scenes, and produce animated sequences using industry-standard software. Explore storyboarding, lip-syncing, and special effects while mastering the principles of animation. Perfect for students ready to turn their creativity into dynamic storytelling for film, games, and digital media!

Applied Graphic Design

Course #: 21110534
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Step into the professional world of design! This course combines hands-on projects with real-world experiences to solve graphic design challenges. Create a professional portfolio, develop your personal brand, and work directly with clients on design solutions. Gain valuable skills in communication, time management, and industry-standard software, preparing you for a future in graphic design and beyond!

Audio/Video Production 1

Course #: 21110330
Credit: 0.5

Credit Type: [Career & Technical](#)

Lights, camera, action! This course introduces you to the exciting world of audio and video production. Learn how to plan, shoot, and edit videos using professional techniques and equipment. Explore careers in media, develop creative storytelling skills, and create projects that entertain and inspire. If you've ever wanted to make your own videos or explore media production, this class is your first step!

Audio/Video Production 2

Course #: 21110538
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Audio/Video Production 1 with a grade of C or higher

In this course, you'll plan, produce, and edit projects from start to finish. Learn how to set up equipment, manage production workflows, and troubleshoot challenges while creating professional-quality videos. You'll also explore career opportunities, build a portfolio, and gain real-world experience to prepare for success in the media industry.

Graphic Design 1

Course #: 21110322
Credit: 0.5

Credit Type: [Career & Technical](#)

Discover your creative potential! This course introduces you to the basics of graphic design, including design principles, composition techniques, and industry-standard software. Learn how to create and edit vector and raster graphics, explore the ethics of copyright, and develop a portfolio of your own projects. Perfect for students ready to dive into the world of visual communication and design!

Graphic Design 2

Course #: 21110324
Credit: 1.0

Credit Type: [Career & Technical](#)

Take your design skills further with Graphic Design 2! This course focuses on advanced techniques to create impactful designs for digital and print media. Learn to develop logos, branding campaigns, and animations while mastering industry-standard software and tools. Explore typography, color theory, and design principles to bring your creative ideas to life. Perfect for students ready to elevate their graphic design expertise and build a professional portfolio!

Photo Imaging

Course #: 21110332
Credit: 0.5

Credit Type: [Career & Technical](#)

Capture your creativity in Photo Imaging! Learn how to use professional cameras, lighting, and editing software to create stunning images for a variety of applications. Explore photography techniques, principles of composition, and storytelling through visuals. Develop your skills with hands-on projects, create a portfolio, and discover career paths in photography. Perfect for students ready to turn their vision into art!

Web Design

Course #: 21110326
Credit: 1.0

Credit Type: [Career & Technical](#)

Design the web! This course teaches you how to create stunning, user-friendly websites using tools like HTML, CSS, and JavaScript. Learn about site planning, page layouts, and graphic design while exploring topics like web standards, UX design, and online security. Build your skills through hands-on projects and create a professional portfolio to showcase your work. Perfect for students ready to shape the digital world!

Yearbook 1

Course #: 21110536
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

Capture memories and tell stories in Yearbook 1! Learn the basics of photography, layout design, and writing to create a stunning yearbook. Work as a team to plan, organize, and produce pages, that highlight the school year. Gain skills in communication, time management, and creativity while contributing to a project that will last a lifetime!

Yearbook 2

Course #: 21110576
Credit: 1.0

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Yearbook 1 with a grade of C or higher

Lead the way in creating lasting memories with Yearbook 2! As a yearbook leader, you'll guide the team in planning, designing, and producing the school yearbook. Hone your skills in leadership, project management, and advanced design while overseeing layouts, deadlines, and creative direction. This course is perfect for students ready to take charge and make an impact on this important project!

Restaurant & Event Management

Please check with your school counselor to see if your program is available at your school.

Students who are interested in a career in culinary arts, lodging, or travel/tourism can pick up valuable skills through the Restaurant and Event Management pathway. Early coursework introduces students to a firm foundation in business, marketing, and food science. Later coursework allows students to specialize in the areas of Event Planning or Culinary Arts. Successful completion of the pathway can lead to nationally recognized industry credentials.

Culinary Strand

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Career and Life Planning
Technical (Level 2)	Baking and Pastry 1
	Baking and Pastry 2
	Culinary 1
	Culinary 2
Application (Level 3)	Culinary Essentials
	Career Connections
	Community Connections

- Industry Recognized Credentials: ServSafe-Food Handlers
- Aligned to KCKCC TEC Programs: Culinary Arts

Event Management Strand

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Business Essentials
Technical (Level 2)	Entrepreneurship
	Event Planning and Management
	Principles of Marketing
Application (Level 3)	Applied Business Development

Baking & Pastry 1

Course #: 21120319
Credit: 0.5

Credit Type: [Career & Technical](#)

Learn the fundamentals of the baking industry, including food safety, equipment use, and ingredient functions. Master techniques for making bread, cookies, cakes, pastries, and more, while exploring the science behind each recipe. This hands-on course is perfect for students passionate about creating delicious baked goods and exploring careers in the culinary world.

Baking & Pastry 2

Course #: 21120321
Credit: 0.5

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Baking & Pastry 1 with a grade of C or higher

This course builds on Baking and Pastry 1, diving deeper into the production of breads, pastries, pies and specialty desserts. You'll refine techniques in culinary math, safety, sanitation, and ingredient functions while creating professional-quality baked goods. This hands-on course prepares you for advanced culinary opportunities and career readiness in the baking industry.

Career Connections

Course #: 21120525
Credit: 0.5

Credit Type: [Career & Technical](#)

Pre-Req: successful completion with a C or higher of at least 1.0 technical credits the pathway

Experience the real world of work! Work with mentors, build professional skills, and explore real workplace environments. Perfect for students ready to develop leadership, communication, and problem-solving abilities while preparing for their future careers!

Community Connections

Course #: 21120523
Credit: 0.5

Credit Type: [Career & Technical](#)

Make a difference in your community with Community Connections! This course combines classroom learning with real-world experiences, allowing you to develop leadership, communication, and problem-solving skills. Work with local organizations, set personal goals, and explore careers in family and community services. Perfect for students passionate about helping others and building a brighter future.

Culinary 1

Course #: 21120315
Credit: 1.0

Credit Type: [Career & Technical](#)

This course teaches you essential skills for careers in the restaurant industry, including food safety, menu management, culinary math, and professional cooking techniques. Learn to prepare and present a variety of dishes while exploring restaurant management and sustainable food practices. With hands-on experience, you'll build the skills needed to succeed in the fast-paced culinary world.

Culinary 2

Course #: 21120317
Credit: 0.5

Credit Type: [Career & Technical](#)

Pre-Req: successful completion of Culinary 1 with a grade of C or higher

This advanced course expands on what you learned in Culinary Arts 1, adding new topics like nutrition, food service management, and advanced cooking techniques. Explore front and back-of-house roles, customer service, inventory management, and cost control while perfecting your food preparation and presentation skills. Get ready for hands-on experiences that prepare you for careers in the culinary and hospitality industries!

Culinary Essentials

Course #: 21120313
Credit: 0.5

Credit Type: [Career & Technical](#)

Get started in the culinary world with Culinary Essentials! This course introduces you to the basics of food preparation, safety, and sanitation, along with the proper use of tools and equipment. Learn essential cooking techniques, recipe conversions, and plating skills while exploring career pathways in the food service industry. Whether you're aiming for a culinary career or just want to sharpen your cooking skills, this hands-on course sets the foundation for success!

Event Planning & Management

Course #: 21120314
Credit: 0.5

Credit Type: [Career & Technical](#)

Do you love organizing events and making them unforgettable? From budgeting and marketing to teamwork and problem-solving, you'll get hands-on experience by planning real school and community events. Perfect for aspiring chefs, wedding planners, hotel managers, or anyone who loves making things happen!

Teaching & Training

Please check with your school counselor to see if your program is available at your school.

The Teaching/Training Pathway inspires students to explore the rewarding field of education through hands-on experiences in instructional design, classroom management, and human development. Students gain practical skills in leadership, communication, and mentorship, laying the foundation for guiding and empower future generations. This pathway is ideal for students passionate about careers such as teacher, school counselor, educational consultant, corporate trainer, or instructional designer.

Courses in this Pathway:

Level	CTE Course Name
Introductory (Level 1)	Career and Life Planning
Technical (Level 2)	Human Growth and Development – Early
	Human Growth and Development – Lifespan
	Teaching as a Career
Application (Level 3)	Teaching Internship

- Industry Recognized Credentials: OSHA-10

Human Growth & Development – Early

Course #: 21120331
Credit: 0.5

Credit Type: [Career & Technical](#)
Co-Req: Human Growth and Development - Lifespan

This course examines the physical, intellectual, emotional, and social development of children from birth through early childhood. Learn about developmental milestones, the impact of heredity and environment, and strategies for meeting children's needs. Gain insights into parenting, caregiving, and careers in child development while developing skills to support young learners' growth and success.

Human Growth & Development – Lifespan

Course #: 21120333
Credit: 0.5

Credit Type: [Career & Technical](#)
Co-Req: Human Growth and Development - Early

This course covers physical, intellectual, emotional, and social development from childhood to old age. Learn how heredity, environment, life events, and cultural factors influence development at each stage. Gain valuable insights into the needs of individuals across the lifespan and prepare for careers in human services, healthcare, or education. Perfect for students interested in understanding human growth and making a difference in people's lives!

Teaching as a Career

Course #: 21120335
Credit: 1.0

Credit Type: [Career & Technical](#)

Step into the world of education with Teaching as a Career! This course introduces you to the principles of education, classroom management, and instructional strategies. Learn how to create engaging lessons, understand diverse learners, and explore career opportunities in education. Gain hands-on experience and discover what it takes to inspire the next generation. Perfect for students ready to make a difference through teaching!

Teaching Internship

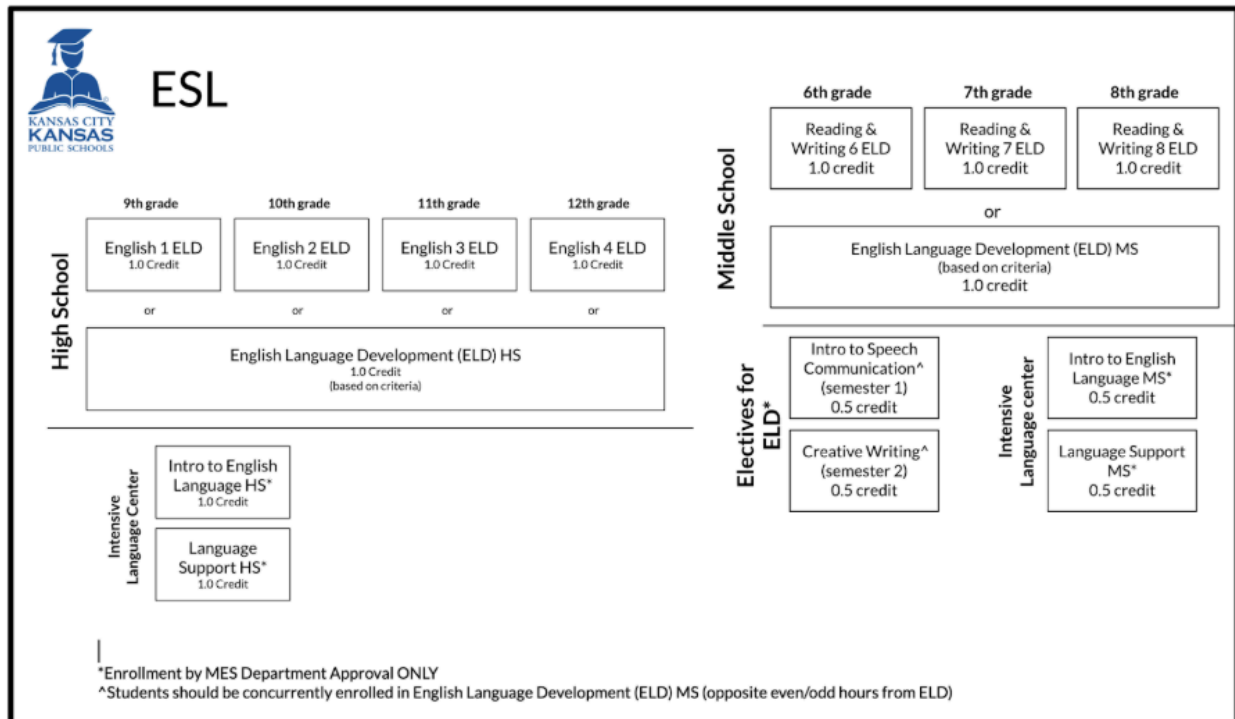
Course #: 21120537
Credit: 1.0

Credit Type: [Career & Technical](#)
Pre-Req: successful completion with a C or higher of at least 1.0 technical credits in the pathway

In this hands-on course, you'll work alongside experienced educators, plan and deliver lessons, and gain real-world experience. Develop skills in leadership, communication, and instructional strategies while exploring what it takes to inspire and guide future learners. Perfect for students ready to make a difference in education!

ESOL – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
English Language Development HS	ELECTIVE	1.0	No	No	9-12	Max enrollment 15
English 1 ELD	English	1.0	No	No	9	Max enrollment 20
English 2 ELD	English	1.0	No	No	10	Max enrollment 20
English 3 ELD	English	1.0	No	No	11	Max enrollment 20
English 4 ELD	English	1.0	No	No	12	Max enrollment 20
Intro to English Language HS	ELECTIVE	1.0	No	Yes	9-12	Washing HS ONLY. Enrollment by ESOL Department approval only. Must be co-enrolled in Language Support HS.
Language Support HS	ELECTIVE	1.0	No	Yes	9-12	Washing HS ONLY. Enrollment by ESOL Department approval only. Must be co-enrolled in Intro to English Language HS.
Introduction to Speech Communications	ELECTIVE	0.5	No	No	9-12	See course description in English
Creative Writing	ELECTIVE	0.5	No	No	9-12	See course description in English



English Language Development HS

Course #: 15091050
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 9-12

This course is designed for students with limited to adequate formal education in L1, but beginning or early English language proficiency, to begin developing proficiency in reading, writing, listening, and speaking in English.

English 1 ELD

Course #: 15091020
Credit: 1.0

Credit Type: English
Grade Level: 9

English 1 ELD is a standards-based course focusing on thematic units of study appropriate to grade level 9 and designed for multilinguals still developing their English language proficiency. The curriculum comprises a variety of literary and information text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluate the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

English 2 ELD

Course #: 15101020
Credit: 1.0

Credit Type: English
Grade Level: 10

English 2 ELD is a standards-based course focusing on thematic units of study appropriate to grade level 10 and designed for multilinguals still developing their English language proficiency. The curriculum comprises a variety of literary and information text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluate the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

English 3 ELD

Course #: 15111020
Credit: 1.0

Credit Type: English
Grade Level: 11

English 3 ELD is a standards-based course focusing on thematic units of study appropriate to grade level 11 and designed for multilinguals still developing their English language proficiency. The curriculum comprises a variety of literary and information text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluate the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

English 4 ELD

Course #: 15121020
Credit: 1.0

Credit Type: English
Grade Level: 12

English 4 ELD is a standards-based course focusing on thematic units of study appropriate to grade level 12 and designed for multilinguals still developing their English language proficiency. The curriculum comprises a variety of literary and information text, writing for various purposes, speaking and listening, and language skills (e.g., grammar, vocabulary). Students analyze texts for key ideas and details, evaluate the author's craft and textual structures in order to integrate ideas and details into well-written texts of their own. Students take part in collaborative discussions to develop textual, visual, digital, and media literacies. This course must be taught by an ESOL endorsed teacher in order to provide appropriate scaffolds for the language development while meeting grade-level standards.

Intro to English Language HS

Course #: 15090102
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 9-12

(Washington HS ONLY) – This course is designed for students with limited or no formal education in L1 and beginning development in English language proficiency to develop basic literacy skills in reading, writing, listening and speaking English. Students enrolled in Intro to English Language HS must concurrently be enrolled in Language Support HS. Enrollment in the course is by ESOL Department approval ONLY.

Language Support HS

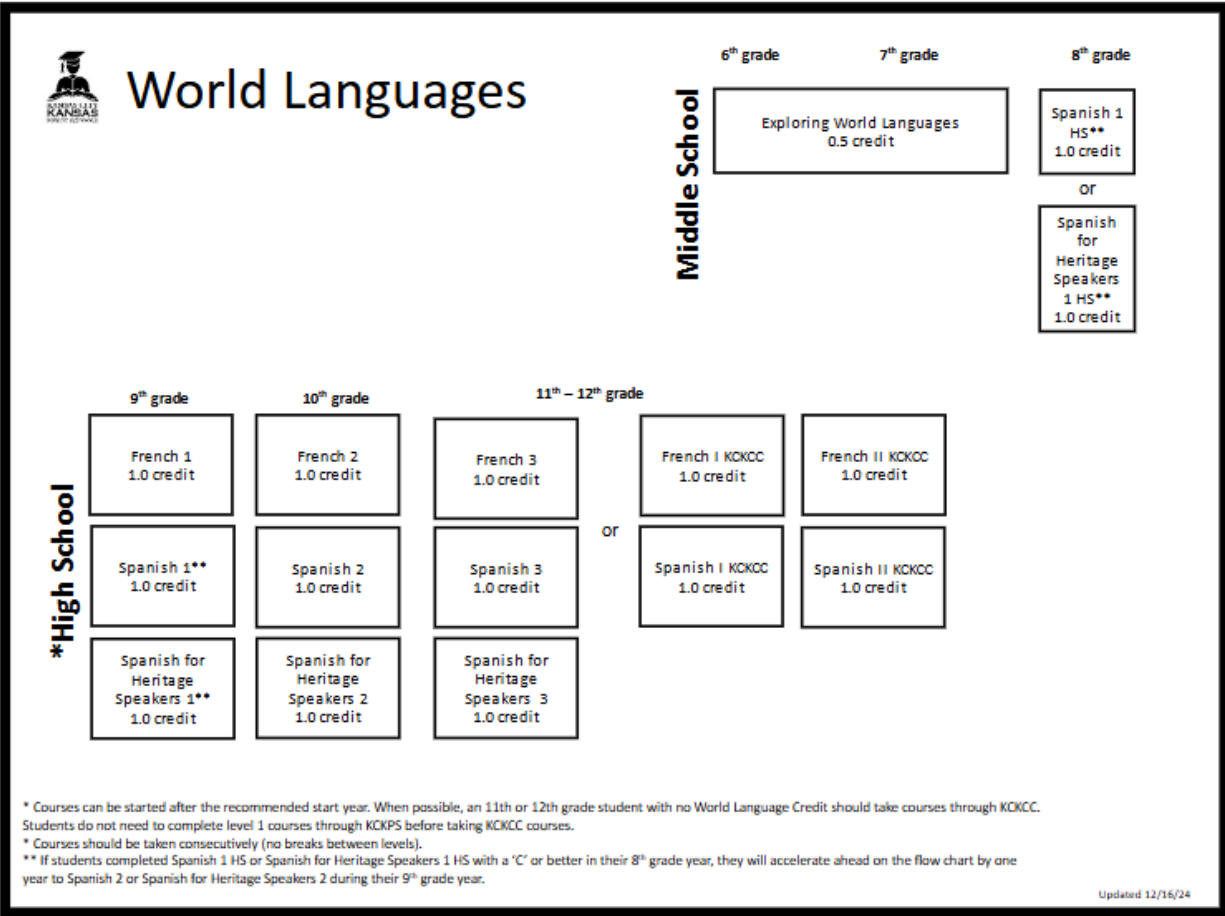
Course #: 15091030
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 9-12

(Washington HS ONLY) – This course is designed for extended practice in reading, writing, listening and speaking English for students with limited or no formal education in L1 and beginning English language proficiency. Students enrolled in Language Support HS must concurrently be enrolled in Intro to English Language HS. Enrollment in the course is by ESOL Department approval ONLY.

World Languages – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
French 1	World Lang	1.0	No	No	9-12	
French I KCKCC	World Lang	1.0	Yes	Yes	11-12	
French 2	World Lang	1.0	No	Yes	9-12	
French II KCKCC	World Lang	1.0	Yes	Yes	11-12	
French 3	World Lang	1.0	No	Yes	10-12	
French 4 IBH	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
French 4 IBS	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
French 5 IBH	World Lang	1.0	No	Yes	12	Sumner Academy ONLY
French 5 IBS	World Lang	1.0	No	Yes	12	Sumner Academy ONLY
Spanish 1	World Lang	1.0	No	Yes	9-12	
Spanish for Heritage Speakers 1	World Lang	1.0	No	Yes	9-12	
Spanish I KCKCC	World Lang	1.0	Yes	Yes	11-12	
Spanish 2	World Lang	1.0	No	Yes	9-12	
Spanish Heritage Speakers 2	World Lang	1.0	No	Yes	9-12	
Spanish II KCKCC	World Lang	1.0	Yes	Yes	11-12	
Spanish 3	World Lang	1.0	No	Yes	10-12	
Spanish Heritage Speakers 3	World Lang	1.0	No	Yes	10-12	
Spanish 4 IBH	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
Spanish 4 IBS	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
Spanish Literature 4 IBH	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
Spanish Literature 4 IBS	World Lang	1.0	No	Yes	11-12	Sumner Academy ONLY
Spanish 5 IBH	World Lang	1.0	No	Yes	12	Sumner Academy ONLY
Spanish 5 IBS	World Lang	1.0	No	Yes	12	Sumner Academy ONLY
Spanish Literature 5 IBH	World Lang	1.0	No	Yes	12	Sumner Academy ONLY
Spanish Literature 5 IBS	World Lang	1.0	No	Yes	12	Sumner Academy ONLY



French 1

Course #: 05092020
 Credit: 1.0

Credit Type: World Languages
 Grade Level: 9-12

This course is designed for students with little or not experience learning French. Students study basic language structures and vocabulary in context. Students will be able to use individual words and short phrases to speak and write in French and answer basic comprehension questions about information they read and hear. Students will also learn about Francophone culture including practices, products, and perspectives associated with the topics of the course.

French I KCKCC

Course #: 05122010
 High School Credit: 1.0
 Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and a 'C' in most recent English

Credit Type: World Languages
 Grade Level: 11-12
 College Credit Earned: 5 hours

This is the high school course for KCKCC LANG-0101 - French I, 5 credit hours KCKCC Description: Students acquire basic skills at a reasonable level of proficiency. The course is integrated with cultural aspects which form the basis of objectives for all language study. Primary emphasis is on the four essential skills: listening, speaking, reading, and writing within which the components of grammar and culture are included. Pre-requisites: Accuplacer Score of 240 on Reading test. (Rev. Feb 2020; <https://www.kkcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

French 2

Course #: 05102020
 Credit: 1.0
 Pre-Req: French 1

Credit Type: World Languages
 Grade Level: 9-12

This course is a continuation of French 1. Students will learn to speak and write using a variety of vocabulary, connecting words, and use simple paragraphs. Students will read for main ideas and details, study grammar and vocabulary in context, and continue to learn about Francophone culture including practices, products and perspectives associated with the topics of the course.

French II KCKCC

Course #: 05122011	Credit Type: World Languages
High School Credit: 1.0	Grade Level: 11-12
Pre-Req: French 1 KCKCC	College Credit Earned:

This is the high school course for KCKCC LANG-0102 - French II, 5 credit hours KCKCC Description: Students acquire basic skills at a reasonable level of proficiency. The course is integrated with cultural aspects which form the basis of objectives for all language study. Primary emphasis is on the four essential skills: listening, speaking, reading, and writing. Pre-requisites: French I, LANG-0101 (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

French 3

Course #: 05112020	Credit Type: World Languages
Credit: 1.0	Grade Level: 10-12
Pre-Req: French 2	

This course is a continuation of French 2. Students will be gradually exposed to complex concepts, engage in spontaneous verbal and written communication, and analyze authentic French text and audio passages. Students continue to learn language structures and vocabulary in context and continue to learn about Francophone culture.

French 4 IBH

Course #: 05142014	Credit Type: World Languages
Credit: 1.0	Grade Level: 11-12
Pre-Req: French 3	

(Sumner Academy ONLY) IB Language B French courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving students accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

French 4 IBS

Course #: 05142012	Credit Type: World Languages
Credit: 1.0	Grade Level: 11-12
Pre-Req: French 3	

(Sumner Academy ONLY) IB Language B French courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

French 5 IBH

Course #: 05142032	Credit Type: World Languages
Credit: 1.0	Grade Level: 12
Pre-Req: French 4	

(Sumner Academy ONLY) IB Language B French courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

French 5 IBS

Course #: 05142022	Credit Type: World Languages
Credit: 1.0	Grade Level: 12
Pre-Req: French 4	

(Sumner Academy ONLY) IB Language B French courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish 1

Course #: 05091011	Credit Type: World Languages
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Credit: 1.0

Grade Level: 9-12

This course is designed for students with little or no experience learning Spanish. Students study basic language structures and vocabulary in context. Students will be able to use individual words and short phrases to speak and write in Spanish and answer basic comprehension questions about information they read and hear. Students will also learn about Hispanic/Latinx culture including practices, products, and perspectives associated with the topics of the course.

Spanish Heritage Speakers 1

Course #: 05091024

Credit Type: World Languages

Credit: 1.0

Grade Level: 9-12

Pre-Req: KCKPS screening process

This course is designed for heritage/native speakers of Spanish at a Novice-High proficiency level. Students will develop, maintain, and enhance proficiency through listening, speaking, reading, and writing. Students will explore the cultures of Hispanic/Latinx communities, including their own, in order to recognize the value of their language and experiences.

Spanish I KCKCC

Course #: 05121010

Credit Type: World Languages

High School Credit: 1.0

Grade Level: 11-12

Pre-Req: appropriate Accuplacer score or high school GPA 2.5+ and a 'C' in most recent English

College Credit Earned: 5 hours

This is the high school course for KCKCC LANG-0141 - Spanish I, 5 credit hours KCKCC Description: Spanish I is the first semester of Spanish for students with little or no previous instruction in Spanish. This course enables students to attain a basic competency in all language skills: speaking, listening, reading, writing, and culture. Pre-requisites: Accuplacer Score of 240 on Reading test (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Spanish 2

Course #: 05101020

Credit Type: World Languages

Credit: 1.0

Grade Level: 9-12

Pre-Req: Spanish 1 or Spanish Heritage Speakers 1

This course is a continuation of Spanish 1. Students will learn to speak and write using a variety of vocabulary, connecting words, and use simple paragraphs. Students will read for main ideas and details, study grammar and vocabulary in context, and continue to learn about Hispanic/Latinx culture including practices, products, and perspectives associated with the topics of the course.

Spanish Heritage Speakers 2

Course #: 05101034

Credit Type: World Languages

Credit: 1.0

Grade Level: 9-12

Pre-Req: Spanish 1 or Spanish Heritage Speakers 1

This course is designed for heritage/native speakers of Spanish at an Intermediate-Mid proficiency level and is a continuation of Spanish Heritage Speakers 1. Students will continue to study language structures, variation, and registers used in Hispanic/Latinx communities to deepen their understanding of their own identity, history, and culture.

Spanish II KCKCC

Course #: 05121011

Credit Type: World Languages

High School Credit: 1.0

Grade Level: 11-12

Pre-Req: Spanish I KCKCC

College Credit Earned: 5 hours

This is the high school course for KCKCC LANG-0142 - Spanish II, 5 credit hours KCKCC Description: The Spanish II curriculum emphasizes the combination of conversation, reading, writing, grammar and culture. Pre-requisites: Spanish 1, Lang 0141 (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Spanish 3

Course #: 05111002

Credit Type: World Languages

Credit: 1.0

Grade Level: 10-12

Pre-Req: Spanish 2 or Spanish Heritage Speakers 2

This course is a continuation of Spanish 2. Students will be gradually exposed to complex concepts, engage in spontaneous verbal and written communication, and analyze authentic Spanish text and audio passages. Students continue to learn language structures and vocabulary in context and continue to learn about Hispanic/Latinx culture.

Spanish Heritage Speakers 3

Course #: 05111032

Credit Type: World Languages

Credit: 1.0
Pre-Req: Spanish 2 or Spanish Heritage Speakers 2

Grade Level: 10-12

This course is designed for heritage/native speakers of Spanish at an Advanced proficiency level and is a continuation of Spanish Heritage Speakers 2. Students will continue to study language structures, variation, and registers used in Hispanic/Latinx communities to deepen their understanding of their own identity, history, and culture.

Spanish 4 IBH

Course #: 05141052
Credit: 1.0
Pre-Req: Spanish 3 or Spanish Heritage Speakers 3

Credit Type: World Languages
Grade Level: 11-12

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish 4 IBS

Course #: 05141012
Credit: 1.0
Pre-Req: Spanish 3 or Spanish Heritage Speakers 3

Credit Type: World Languages
Grade Level: 11-12

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish Literature 4 IBH

Course #: 05141054
Credit: 1.0
Pre-Req: Spanish 3

Credit Type: World Languages
Grade Level: 11-12

(Sumner Academy ONLY) IB Language A (non-English) Spanish courses prepare students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students accuracy and fluency in the language, which is usually the students native tongue.

Spanish Literature 4 IBS

Course #: 05141014
Credit: 1.0
Pre-Req: Spanish 3

Credit Type: World Languages
Grade Level: 11-12

(Sumner Academy ONLY) IB Language A (non-English) Spanish courses prepare students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses of this literature, and other oral and written assignments. Course content is designed to improve students accuracy and fluency in the language, which is usually the students native tongue.

Spanish 5 IBH

Course #: 05141032
Credit: 1.0
Pre-Req: Spanish 4

Credit Type: World Languages
Grade Level: 12

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish 5 IBS

Course #: 05141022
Credit: 1.0
Pre-Req: Spanish 4

Credit Type: World Languages
Grade Level: 12

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student's accuracy and fluency in oral and written communication (usually

in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish Literature 5 IBH

Course #: 05141034

Credit Type: World Languages

Credit: 1.0

Grade Level: 12

Pre-Req: Spanish 4

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student’s accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

Spanish Literature 5 IBS

Course #: 05141024

Credit Type: World Languages

Credit: 1.0

Grade Level: 12

Pre-Req: Spanish 4

(Sumner Academy ONLY) IB Language B Spanish courses prepare students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. These courses focus on improving student’s accuracy and fluency in oral and written communication (usually in the students second language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher level exam will be able to communicate fluently at native speed.

ROTC – High School

ROTC Program available at Washington HS ONLY

The Air Force Junior Reserve Officer Training Corps (AFJROTC) program at Washington High School teaches leadership and management skills through the KS-931st AFJROTC Wing. Our mission is simply developing citizens of character dedicated to serving the nation and community. Enrollment in the corps in no way obligates the cadet for military service. Instructors have extensive professional military education and training as well as many years experience teaching and training others.

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Milestones of Aviation History AS1	ELECTIVE	1.0	No	No	9-12	Washington HS ONLY
Science of Flight AS2	ELECTIVE	1.0	No	Yes	10-12	Washington HS ONLY
Exploration of Space AS3	ELECTIVE	1.0	No	Yes	11-12	Washington HS ONLY
Global & Cultural Studies AS4	ELECTIVE	1.0	No	Yes	12	Washington HS ONLY
Military Drill & Ceremony 1	ELECTIVE	1.0	No	No	10-12	Washington HS ONLY
Military Drill & Ceremony 2	ELECTIVE	1.0	No	Yes	11-12	Washington HS ONLY
Military Drill & Ceremony 3	ELECTIVE	1.0	No	Yes	12	Washington HS ONLY
Leadership of the Cadet Corps	ELECTIVE	1.0	No	Yes	12	Washington HS ONLY

Milestones Aviation History AS1

Course #: 04093004
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 9-12

(Washington HS ONLY) Journey into Aviation History: Aerospace Science 1 is recommended for all new ROTC cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time.

Science of Flight AS2

Course #: 04103004
Credit: 1.0
Pre-Req: Milestones Aviation Hist AS1

Credit Type: **ELECTIVE**
Grade Level: 10-12

(Washington HS ONLY) The Science of Flight is taken the second year of the ROTC program and is designed to acquaint the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. The course begins with a discussion of the atmosphere and weather. Students will develop an understanding of the environment and will be introduced to how that environment affects flight. Discussions include the forces of lift, drag, thrust and weight. Students will also learn basic navigation, including map reading, course plotting and the effects of wind. Human physiology is also discussed regarding the effects of acceleration and deceleration and protective equipment.

Exploration of Space AS3

Course #: 04113004
Credit: 1.0
Pre-Req: Science of Flight AS2

Credit Type: **ELECTIVE**
Grade Level: 11-12

(Washington HS ONLY) The Exploration of Space is taken the third year of ROTC. The course examines Earth, the moon and the planets as well as the latest advances in space technology and the continuing challenges of space and manned spaceflight. Issues that are critical to travel in the upper atmosphere, such as orbits and trajectories, unmanned satellites, space probes, guidance and control systems are explained. The manned spaceflight section covers major milestones in the endeavor to land on the moon and to safely orbit humans and crafts in space for temporary and prolonged periods. The development of space stations, the Space Shuttle and its future, and international laws for the use of and travel in space.

Global & Cultural Studies AS4

Course #: 04123004
Credit: 1.0
Pre-Req: Exploration of Space AS3

Credit Type: **ELECTIVE**
Grade Level: 12

(Washington HS ONLY) Global and Cultural Studies is a preferred AS component for second-year students and is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples and other cultural issues will be examined. The regional areas included in this course are Europe, the Middle East, South Asia, East Asia, Africa, and Latin America. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities

created to engage the student. Readings are also available to set the stage for each lesson, along with workbook exercises suitable for in-class or homework assignments.

Military Drill & Ceremony 1

Course #: 04103006
Credit: 1.0

Credit Type: **ELECTIVE**
Grade Level: 10-12

Military Drill & Ceremony 1 provides fundamental and in-depth instruction in Air Force drill and ceremonies. The course concentrates on the elements of military drill and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades and development of command voice. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn Air Force drill concepts and procedures. Students will concentrate on perfecting unarmed drill and ceremony sequences. The course will introduce the student to armed and exhibition drill sequences which are performed using inert ceremonial replica rifles.

Military Drill & Ceremony 2

Course #: 04113006
Credit: 1.0
Pre-Req: Military Drill & Ceremony 1

Credit Type: **ELECTIVE**
Grade Level: 11-12

Military Drill & Ceremony 2 provides a more in-depth instruction in Air Force drill and ceremonies. The students will concentrate on elements of military drill and describes individual and group precision movements, procedures for saluting, drill ceremonies, reviews, parades and development of command voice, with an emphasis on leadership. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn Air Force drill concepts and procedures. The course will give the student a more focused and detailed training in armed exhibition drill sequences which are performed using inert ceremonial replica rifles. Students will concentrate on leading drill and ceremony sequences.

Military Drill & Ceremony 3

Course #: 04123006
Credit: 1.0
Pre-Req: Military Drill & Ceremony 2

Credit Type: **ELECTIVE**
Grade Level: 12

Military Drill & Ceremony 3 provides a more in-depth instruction in Air Force drill and ceremonies. The students will concentrate on elements of military drill and describes individual and group precision movements, procedures for saluting, drill ceremonies, reviews, parades and development of command voice, with an emphasis on leadership. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn Air Force drill concepts and procedures. The course will give the student a more focused and detailed training in armed exhibition drill sequences which are performed using inert ceremonial replica rifles. Students will concentrate on leading drill and ceremony sequences.

Leadership of the Cadet Corps

Course #: 04123008
Credit: 1.0
Pre-Req: Ceremony Sequence

Credit Type: **ELECTIVE**
Grade Level: 12

(Washington HS ONLY) In Management of the Cadet Corps, the cadets should manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills. Instructors should keep in mind that since there is no textbook for this course, the course syllabus will be structured so that cadets achieve course objectives by completing core management activities.

Additional Electives – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
ACT Preparation	ELECTIVE	0.5	No	No	9-12	
AVID 09	ELECTIVE	1.0	No	No	9	
AVID 10	ELECTIVE	1.0	No	No	10	
AVID 11	ELECTIVE	1.0	No	No	11	
AVID 12	ELECTIVE	1.0	No	No	12	
KS Jobs for America's Grad	ELECTIVE	1.0	No	No	9-12	
Tech Impact 1	ELECTIVE	1.0	No	No	11-12	Available as part of the Tech Impact program – see description in Special Programs
Tech Impact 2	ELECTIVE	1.0	No	No	11-12	Available as part of the Tech Impact program – see description in Special Programs
Tech Impact 3	ELECTIVE	1.0	No	No	11-12	Available as part of the Tech Impact program – see description in Special Programs
Tech Impact 4	ELECTIVE	1.0	No	No	11-12	Available as part of the Tech Impact program – see description in Special Programs
Environmental Systems & Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Science
Environmental Systems & Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Science
Sports Exercise & Health Science 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Science
Sports Exercise & Health Science 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Science
Introduction Criminal Justice KCKCC	ELECTIVE	1.0	Yes	No	11-12	See description in Social Studies
World Geography	ELECTIVE	0.5	No	No	9-12	See description in Social Studies
Human Rights Studies	ELECTIVE	0.5	No	No	9-12	See description in Social Studies
Psychology	ELECTIVE	0.5	No	No	10-12	See description in Social Studies
Sociology	ELECTIVE	0.5	No	No	10-12	See description in Social Studies
Psychology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in Social Studies
Sociology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in Social Studies
Exploration of Space AS3	ELECTIVE	1.0	No	No	11-12	Available as part of the ROTC program – see description in ROTC
Global & Cultural Studies AS4	ELECTIVE	1.0	No	No	12	See description in Social Studies
Global Politics 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Global Politics 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Information Technology in Global Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Information Technology in Global Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Leadership of the Cadet Corps	ELECTIVE	1.0	No	No	12	Available as part of the ROTC program – see description in ROTC
Milestones Aviation History AS1	ELECTIVE	1.0	No	No	9-12	Available as part of the ROTC program – see description in ROTC
Psychology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Psychology 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Psychology 2 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies

Psychology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Science of Flight AS2	ELECTIVE	1.0	No	No	10-12	Available as part of the ROTC program – see description in ROTC
Social/Cultural Anthropology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Social/Cultural Anthropology 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Social/Cultural Anthropology 2 IBH	ELECTIVE	1.0	No	No	11-12	S Sumner Academy ONLY - See description in Social Studies
Social/Cultural Anthropology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
World Religions IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Social Studies
Creative Writing	ELECTIVE	0.5	No	No	9-12	See description in English
Classic Film & Literature	ELECTIVE	0.5	No	No	9-12	See description in English
Yearbook Production	ELECTIVE	1.0	No	No	10-12	See description in English
Composition & Research	ELECTIVE	0.5	No	No	11-12	See description in English
Shakespeare	ELECTIVE	0.5	No	No	12	See description in English
Public Speaking KCKCC	ELECTIVE	1.0	Yes	No	11-12	See description in English
Research Project IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in English
Theory of Knowledge 1 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in English
Theory of Knowledge 2 IB	ELECTIVE	0.5	No	No	11-12	Sumner Academy ONLY - See description in English
Athletic Weight Training 1	ELECTIVE	0.5	No	Yes	9-12	See description in Physical Education
Athletic Weight Training 2	ELECTIVE	0.5	No	No	9-12	See description in Physical Education
Modern Dance 2	ELECTIVE	0.5	No	Yes	9-12	See description in Physical Education
Fitness/Conditioning 2	ELECTIVE	0.5	No	Yes	9-12	See description in Physical Education
Team Sports 2	ELECTIVE	0.5	No	Yes	9-12	See description in Physical Education
Fitness/Conditioning 3	ELECTIVE	0.5	No	Yes	9-12	See description in Physical Education
TEC Auto Collision Repair	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Automotive Tech	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Building Engineering and Maintenance Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Computer Aided Drafting	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Commercial and Residential Equipment Technician	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Computer Support Specialist	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Construction Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Cosmetology	ELECTIVE	3.0	No	Yes	12	Available as part of a program - See description in TEC
TEC Culinary Arts	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Cybersecurity	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Electrical Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC

TEC Health Careers	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Machine Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Medical Assistant	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Multimedia	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Nail Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Office Assistant	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Power Plant Technology 2	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC
TEC Welding Technology	ELECTIVE	2.0	No	Yes	11-12	Available as part of a program - See description in TEC

ACT Preparation

Course #: 99119011
Credit: 0.5

Credit Type: ELECTIVE
Grade Level: 9-12

ACT Preparation is designed to ready students to take the ACT test.

AVID 09

Course #: 99092010
Credit: 1.0

Credit Type: ELECTIVE
Grade Level: 9

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent classes, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

AVID 10

Course #: 99102010
Credit: 1.0

Credit Type: ELECTIVE
Grade Level: 10

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent classes, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

AVID 11

Course #: 99112010
Credit: 1.0

Credit Type: ELECTIVE
Grade Level: 11

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent classes, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

AVID 12

Course #: 99122010
Credit: 1.0

Credit Type: ELECTIVE
Grade Level: 12

Advancement Via Individual Determination (AVID) is a program to prepare students for higher-level courses such as Pre-AP/AP courses, dual/concurrent classes, TEC, and/or post-secondary education. AVID course work focuses on entrance and placement exams, career and college knowledge, test-taking strategies, refining Cornell note-taking strategy, time management, organizational skills, and presentation methods. This full-year course is meant to be followed by additional years of participation in the program.

KS Jobs for America's Grad

Course #: 19091021
Credit: 1.0

Credit Type: ELECTIVE
Grade Level: 9-12

Life Skills courses provide students with information about a wide range of subjects to assist them in becoming wise consumers and productive adults. These courses often emphasize such topics as goal-setting, decision-making, and setting priorities; money and time

management; relationships; and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes. In addition, specific topics such as insurance, taxation, and consumer protection may also be covered.

Advanced Placement (AP) – High School

Advanced Placement and Pre-AP courses are available for high school students. The exact courses scheduled at a building each school year depend on student interest and instructor availability. See the school counselor for additional information.

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
United States Government and Politics AP	Social Studies	1.0	No	No	11-12	See description in Social Studies
Biology Pre-AP	Science	1.0	No	No	10-12	See description in Science
Biology AP	Science	1.0	No	No	10-12	See description in Science
Chemistry AP	Science	1.0	No	No	11-12	See description in Science
English 1 Pre-AP	English	1.0	No	No	11-12	See description in English
English 2 Pre-AP	English	1.0	No	No	11-12	See description in English
English Language & Composition AP	English	1.0	No	No	11-12	See description in English Language Arts
English Literature & Composition AP	English	1.0	No	No	11-12	See description in English Language Arts
Environmental Science AP	Science	1.0	No	No	9-12	See description in Science
Statistics AP	Math		No	No	11-12	See description in Math
Spanish Language & Culture AP	World Lang	0.5	No	No	9-12	See description in World Languages
World History & Geography Pre-AP	Social Studies	1.0	No	No	9-12	See description in Social Studies

Honors – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
English 1 Honors	English	1.0	No	No	9-12	See description in English
English 2 Honors	English	1.0	No	Yes	10-12	See description in English

International Baccalaureate (IB) – High School

IB courses are offered at Sumner Academy ONLY

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
Art & Design 1 IBH	Fine Arts	1.0	No	No	11-12	Sumner Academy ONLY - See description in Art
Art & Design 2 IBH	Fine Arts	1.0	No	No	11-12	Sumner Academy ONLY - See description in Art
Biology 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Biology 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Biology 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Biology 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Chemistry 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Science
Chemistry 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Chemistry 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Chemistry 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
English 3 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
English 4 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
English Language & Literature 3 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
English Language & Literature 4 IBH	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
Environmental Systems & Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Environmental Systems & Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
French 4 IBH	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
French 4 IBS	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
French 5 IBH	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
French 5 IBS	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
Global Politics 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Global Politics 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
History 2 IBH	Soc St	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
History of Africa 1 IBH	Soc St	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
History of Asia/Pacific Rim 1 IBH	Soc St	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
History of the Americas 1 IBH	Soc St	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Information Technology in Global Society 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Information Technology in Global Society 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Math Analysis & Approach 1 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Analysis & Approach 1 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Analysis & Approach 2 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Analysis & Approach 2 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Applications and Interpretations 1 IB	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Applications and Interpretations 1 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Applications and Interpretations 2 IBH	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Math Applications and Interpretations 2 IBS	Math	1.0	No	No	11-12	Sumner Academy ONLY - See description in Math
Music IBS	Fine Arts	1.0	No	No	11-12	Sumner Academy ONLY - See description in Music
Personal/Professional Skills 1 IB	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
Personal/Professional Skills 2 IB	English	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
Physics 1 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Physics 1 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Physics 2 IBH	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Physics 2 IBS	Science	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Psychology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St

Psychology 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Psychology 2 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Psychology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Research Project IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
Social/Cultural Anthropology 1 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Social/Cultural Anthropology 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Social/Cultural Anthropology 2 IBH	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Social/Cultural Anthropology 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St
Spanish 4 IBH	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
Spanish 4 IBS	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
Spanish 5 IBH	World Lang	1.0	No	No	12	Sumner Academy ONLY - See description in World Lang
Spanish 5 IBS	World Lang	1.0	No	No	12	Sumner Academy ONLY - See description in World Lang
Spanish Literature 4 IBH	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
Spanish Literature 4 IBS	World Lang	1.0	No	No	11-12	Sumner Academy ONLY - See description in World Lang
Spanish Literature 5 IBH	World Lang	1.0	No	No	12	Sumner Academy ONLY - See description in World Lang
Spanish Literature 5 IBS	World Lang	1.0	No	No	12	Sumner Academy ONLY - See description in World Lang
Sports Exercise & Health Science 1 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Sports Exercise & Health Science 2 IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Sci
Theory of Knowledge 1 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
Theory of Knowledge 2 IB	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Eng
World Religions IBS	ELECTIVE	1.0	No	No	11-12	Sumner Academy ONLY - See description in Soc St

Kansas City Kansas Community College Dual Enrollment Courses (KCKCC) – High School

Course Name	Credit Type	Credit	College Credit	Pre/Co-Req	Grade	Other Information
American Government KCKCC	Soc St	1.0	Yes	Yes	11-12	See description in Social Studies
Biology KCKCC	Science	1.0	Yes	Yes	11-12	See description in Science
Calculus II KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
Calculus KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
College Algebra KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
College Chemistry 1 & Lab KCKCC	Science	1.0	Yes	Yes	11-12	See description in Science
Composition I KCKCC	English	1.0	Yes	Yes	11-12	See description in English Language Arts
Composition II KCKCC	English	1.0	Yes	Yes	11-12	See description in English Language Arts
French 1 KCKCC	World Lang	1.0	Yes	Yes	11-12	See description in World Languages
French 2 KCKCC	World Lang	1.0	Yes	Yes	11-12	See description in World Languages
Human Anatomy & Lab KCKCC	Science	1.0	Yes	Yes	11-12	See description in Science
Introduction Criminal Justice KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in Social Studies
Introduction to Literature KCKCC	English	1.0	Yes	Yes	11-12	See description in English Language Arts
Physics KCKCC	Science	1.0	Yes	Yes	11-12	See description in Science
Pre-calculus KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
Psychology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in Social Studies
Public Speaking KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in English Language Arts
Sociology KCKCC	ELECTIVE	1.0	Yes	Yes	11-12	See description in Social Studies
Spanish 1 KCKCC	World Lang	1.0	Yes	Yes	11-12	See description in World Languages
Spanish 2 KCKCC	World Lang	1.0	Yes	Yes	11-12	See description in World Languages
Statistics KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
Trigonometry KCKCC	Math	1.0	Yes	Yes	11-12	See description in Math
US History Since 1877 KCKCC	Soc St	1.0	Yes	Yes	11-12	See description in Social Studies

Introduction Criminal Justice KCKCC

Course #: 04114035

High School Credit: 1.0

Pre-Req: appropriate Accuplace score or high school GPA 2.5+ and 'C' in most recent English

Credit Type: **ELECTIVE**

Grade Level: 11-12

College Credit Earned: 3 hours

This is the high school course for KCKCC CRJS-0101 - Introduction to Criminal Justice, 3 credit hours KCKCC Description: This course provides an in-depth look at policy issues related to policing, courts, and corrections. It gives the student the opportunity to focus on difficult issues including the links between police, politics, law, corrections and the administration of Justice. This course will review changes in law and police practices, preparation for prosecution, the court system, and finally the link between prisons and probation. Pre-requisites: Accuplacer Reading score 240+. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

TEC – High School

Students at F. L. Schlagle, J. C. Harmon, Washington, & Wyandotte can begin work on a post-secondary certificate through KCKCC's Technical Education Center while still in high school. Most programs are one half-day and transportation is provided from the school to TEC. Students may begin as early as grade 11 and some programs require finishing after high school graduation.

Available Programs:

Automotive Collision Repair	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 52		
College Credits earned STARTING 11th grade: 42	College Credits earned STARTING 12th grade: 21	
College Credits remaining in program AFTER graduation: 10	College Credits remaining in program AFTER graduation: 31	

Automotive Collision Repair is designed to give the student the extensive practical experience and technical knowledge needed by the skilled automotive repair technician. Straightening bent frames, removing dents from fenders and body panels, welding broken metal, replacing damaged parts, and refinishing auto bodies are all part of the course. (7:30-10:35 or 11:20-2:15)

Automotive Technology	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 53		
College Credits earned STARTING 11th grade: 42	College Credits earned STARTING 12th grade: 21	
College Credits remaining in program AFTER graduation: 11	College Credits remaining in program AFTER graduation: 32	

Automotive mechanics work on cars and other vehicles when there is a need for repair or maintenance. Students encounter the technology that makes up the field as they work on mock-up engines, test engines, or their own vehicles. To give students practical experience, service operations are conducted in a professional shop atmosphere using late model automobiles.

Building Engineering & Maintenance Technology	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 44		
College Credits earned STARTING 11th grade: 32	College Credits earned STARTING 12th grade: 12	
College Credits remaining in program AFTER graduation: 12	College Credits remaining in program AFTER graduation: 32	

This course includes classroom instruction and extensive hands-on experience in the fundamentals require to maintain commercial property and apartments. Students may also choose to concentrate on home remodeling or general landscaping. Custodial and basic appliance repair are also available.

Commercial & Residential Equipment Technician	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 44		
College Credits earned STARTING 11th grade: 44	College Credits earned STARTING 12th grade: 23	
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 21	

The Major Appliance Technology program prepares for the entry level positions working on major in-home appliance and commercial restaurant equipment repair. Enrollees get detailed instruction on refrigerators, ranges, dishwashers, washing machines, dryers, wall ovens, microwaves and kitchen ventilation.

Computer Support Specialist	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 43		
College Credits earned STARTING 11th grade: 43	College Credits earned STARTING 12th grade: 21	
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 22	

This course prepares students for careers as computer repair technicians who maintain, upgrade and install personal computers or other computerized equipment. Program completers are qualified to take the A+ Certification test to become a Certified PC Technician. (7:30-10:35 or 11:20-2:15)

Construction Technology	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 48		
College Credits earned STARTING 11th grade: 41	College Credits earned STARTING 12th grade: 18	
College Credits remaining in program AFTER graduation: 7	College Credits remaining in program AFTER graduation: 30	

Plumbers, electricians, masons, and carpenters help fill the ranks of what is known as the building trades. This course prepares the student to enter one of these fields at the apprenticeship level. The major project for the course is the construction of a house from the foundation

work to the finishing touches. Professional craftsmen often take part in the instruction and allow students to do supervised work. (7:30-10:35 or 11:20-2:15)

Cosmetology	High School Credit: 3.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 50		

College Credits earned STARTING 11th grade: 50	College Credits earned STARTING 12th grade: 19
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 31

This program is rigidly developed and prepares students for the State Board of Cosmetology examination required before a graduate can become a licensed cosmetologist. Post-secondary students must be a high school graduate or have a GED. Students must purchase uniforms, textbook, and cosmetology kit and pay an apprentice license fee. A State Board fee is required upon completion of the program. (9:30-3:00)

Culinary Arts	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 40		

College Credits earned STARTING 11th grade: 40	College Credits earned STARTING 12th grade: 20
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 20

This program teaches students to master the fundamental skills of food service in preparation for positions in hotels, restaurants, cafeterias, hospitals, nursing homes, catering, etc. The program contains daily classroom instruction with practical work experience in the operation of the school cafeteria and food service preparation for the child care center, public meetings, and banquets. (7:30-10:35 or 11:20-2:15)

Cybersecurity	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 28		

College Credits earned STARTING 11th grade: 28	College Credits earned STARTING 12th grade: 28
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 0

The Associate in Science in Cybersecurity prepares students with the entry-level knowledge needed to protect cyberspace against physical and cyber threats. This degree is designed to enable students to easily transfer to a college or university offering a bachelor's degree in cybersecurity.

Electrical Technology	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 44		

College Credits earned STARTING 11th grade: 37	College Credits earned STARTING 12th grade: 19
College Credits remaining in program AFTER graduation: 7	College Credits remaining in program AFTER graduation: 25

The Electrical Technology program develops basic electrical skills, technical knowledge and related occupational information to prepare for initial employment in the electrical trade. Students will begin with basic fundamentals of electricity and progress through all types of residential, commercial and industrial wiring.

Health Careers	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 8		

College Credits earned STARTING 11th grade: 8	College Credits earned STARTING 12th grade: 8
College Credits remaining in program AFTER graduation: 0	College Credits remaining in program AFTER graduation: 0

This program prepares students to become a state-certified CNA and provides direct patient care. Health Careers is a one semester course. Students may enroll in either first or second semester. Students must provide uniforms for clinical experience.

Heating & Refrigeration	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 44		

College Credits earned STARTING 11th grade: 35	College Credits earned STARTING 12th grade: 20
College Credits remaining in program AFTER graduation: 9	College Credits remaining in program AFTER graduation: 24

This program provides instruction in installing and maintaining heating and cooling systems comprises the heating, ventilation, and air-conditioning (HVAC) technician's world. Fundamentals are emphasized, along with specific studies in central and room systems. Silver soldering techniques and trouble-shooting procedures are practiced. The program is approved for EPA refrigerant certification. (7:30-10:35 or 11:20-2:15)

Machine Technology	High School Credit: 2.0 per semester	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 48		

College Credits earned STARTING 11th grade: 40	College Credits earned STARTING 12th grade: 16
College Credits remaining in program AFTER graduation: 8	College Credits remaining in program AFTER graduation: 32

Industry provides many jobs for machinists who operate machine tools that grasp metal and form specific products through cutting, drilling, and grinding machines. The student is allowed to progress at his or her own pace while learning all the machinists' skills to select the proper tools and materials for each job, plan the project according to blueprints or written specifications, and then form the metal product while holding accuracies to thousandths of an inch. (7:30-10:35 or 11:20-2:15)

Medical Assistant **High School Credit: 2.0 per semester** **High School Credit Type: ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 38

College Credits earned **STARTING 11th grade:** 38 College Credits earned **STARTING 12th grade:** 34
 College Credits **remaining in program AFTER graduation:** 0 College Credits **remaining in program AFTER graduation:** 4

The Medical Assistant program is designed to prepare students for entry-level positions in a medical facility. Clinical functions include taking vital signs and patient histories; assisting with exams, treatments, and office surgery; collecting specimens; sterilization procedures; basic first aid; and CPR. Administrative functions include scheduling and receiving patients; obtaining and maintaining patient data; completing insurance forms; arranging for hospital admission, billing, and collection; etc. Upon completion of the classroom portion of the program, students complete a 180 hour non-paid clinical experience (externship) in a medical office.

Multimedia **High School Credit: 2.0 per semester** **High School Credit Type: ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 30

College Credits earned **STARTING 11th grade:** 30 College Credits earned **STARTING 12th grade:** 19
 College Credits **remaining in program AFTER graduation:** 0 College Credits **remaining in program AFTER graduation:** 11

The Video and Multimedia Production program prepares students for careers in computer-based video production, traditional video production fields and Web Page creation. Students who have a flair or interest in graphic design, photography, illustration and internet production will learn to operate advanced equipment to create their own video production. (7:30-10:35 or 11:20-2:15)

Nail Technology **High School Credit: 2.0 per semester** **High School Credit Type: ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 16

College Credits earned **STARTING 11th grade:** 16 College Credits earned **STARTING 12th grade:** 16
 College Credits **remaining in program AFTER graduation:** 0 College Credits **remaining in program AFTER graduation:** 0

This program is designed to prepare individuals to become licensed nail technologists providing manicures, pedicures, acrylic nail enhancements, nail wraps, gel nails, and nail art. The curriculum includes both theory and practical application by training through a student-operated salon. Upon completion of the program, students are eligible to take the state licensing examination. Reading score of 60 or higher on the Accuplacer required for admittance. (9:30 – 3:00)

Office Assistant **High School Credit: 2.0 per semester** **High School Credit Type: ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 18

College Credits earned **STARTING 11th grade:** 18 College Credits earned **STARTING 12th grade:** 18
 College Credits **remaining in program AFTER graduation:** 0 College Credits **remaining in program AFTER graduation:** 0

The Office Assistant program is designed to prepare students for the basic and routine jobs that are part of the office worker's world of work. Office workers support the many other functions that operate within a business. (7:30-10:35 or 11:20-2:15)

Welding Technology **High School Credit: 2.0 per semester** **High School Credit Type: ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 40

College Credits earned **STARTING 11th grade:** 40 College Credits earned **STARTING 12th grade:** 20
 College Credits **remaining in program AFTER graduation:** 0 College Credits **remaining in program AFTER graduation:** 20

Welding students learn the processes of cutting and joining metals by heat, pressure, or both, as well as the cutting of metal by gas and arc processes. With extensive hands-on experience, students are prepared to enter welding positions at the apprentice level. (7:30-10:35 or 11:20-2:15)

Special Programs

K-STEP Up

High school students with an interest in being an educator can join the K-STEP Up program. This program has specialized events and support, along with KCKCC course in high school to earn college credits towards an education degree. Transfer to K-State's online program as a college junior to complete a degree, including student teaching in KCKPS as a college senior. In addition to enrolling in the general education KCKCC classes, these four courses are featured as part of the K-STEP Up program:

Introduction to Teaching: Career Awareness KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
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TOTAL COLLEGE CREDITS IN PROGRAM: 3

The goal of the course is increase awareness of self in relation to the roles of teachers and other K-12 teaching professionals. Career opportunities in education are considered, with an emphasis on what it means to be a professional teacher in today's high stakes environment of education. This course provides a well-rounded view of the teaching profession. Field experience is an important component of the course. It consists of twelve practical observation hours at school elementary, middle and secondary levels. These practicum hours may also include interactions with practicing school professionals. Discussion in the course will attempt to connect the foundations of education to field experience. Pre-requisites: Accuplacer Reading score 240+

Children's Literature KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
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TOTAL COLLEGE CREDITS IN PROGRAM: 3

Students will identify children's needs and interests, learn the criteria for choosing books for children, and demonstrate the means by which children and books can be brought together. Students will read, examine, and critique a variety of children's literature selected by author, genre, and historical time period. Pre-requisites: Accuplacer Reading score 240+

Study Children & Adolescents in the Schools KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
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TOTAL COLLEGE CREDITS IN PROGRAM: 3

The course is an introduction to the psychological study of children and adolescents and their behavior in the school setting. Emphasis is placed on techniques of observing children and adolescents and methods to describe classroom engagement based on four domains of development: physical, cognitive, social, and emotional. Twelve hours of observations in various classroom settings is required. Pre-requisites: Accuplacer Reading score 240+

Education in Multicultural Society KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
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TOTAL COLLEGE CREDITS IN PROGRAM: 3

This class encourages an approach to teaching and learning that is based on cultural pluralism and an interdependent world. It promotes the concept of equal access and educational excellence among all children and youth. Students are introduced to the integration of multicultural perspectives into traditional curriculum and methods of instruction. The content of this class focuses on the social constructions of class, ethnicity, gender, and culture. Pre-requisites: Accuplacer Reading score of 240+

Bio+

The Bio+ program is a full year, half day program combining foundational science knowledge with advanced laboratory skills and professional practices. Students are prepared to enter college as a STEM major and/or take an entry level position in the bioscience manufacturing facilities where aseptic techniques and biosafety concerns are needed (e.g., animal health, medical, or food packaging). The curriculum includes both theory and practical application by training in biomanufacturing and science laboratories. Upon completion of the program, students receive a biomanufacturing certification.

Introduction to Biotechnology KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 2		

This is the high school course for KCKCC BIOL-0105 - Introduction to Biotechnology, 2 credit hours KCKCC Description: Introduction to Biotechnology is designed to give students an understanding of the foundational scientific principles and applications of the biotechnology. Students will focus on pharmaceutical, agricultural, medical, genomic and forensic applications of biotechnological methods and will deepen their understanding of biotechnology-related career fields in the process. Students will also explore the history of biotechnology, the regulatory methods used by industry, and the ethical issues raised by this application of science. Pre-requisites: Accuplacer Reading score 240+ Part of the year-long Bio+ program for KCKPS high school students. Rev. Feb 2020; (<https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Manufacturing Technician Training KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 3		

This is the high school course for KCKCC BMFR-0145 - Manufacturing Technician Training, 3 credit hours KCKCC Description: The Manufacturing Technician Training course will provide students an understanding of industrial Lean manufacturing, Safety, and some of the physics of behind machines. These include levers, pulley systems, hydraulics, and electricity. Students will also learn to interpret two dimensional drawings into three dimensional structures. Pre-requisites: Accuplacer Reading score 240+. Part of the year-long Bio+ program for KCKPS high school students. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Principles of Cell and Molecular Biology KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 4		

This is the high school course for KCKCC BIOL-0135 - Principles of Cell and Molecular Biology, 4 credit hours KCKCC Description: This is an integrated lecture and laboratory course for biology majors and students planning to take additional courses in biology. This class introduces the fundamental biological principles characteristic of all living things. Since the cell is the basic unit of life, this course will focus on life at the cellular and molecular levels. Subjects covered include basic biochemistry, cell anatomy and physiology, bioenergetics, genetics and evolution. Emphasis will be placed on learning the process skills and equipment associated with being a biologist. Pre-requisites: Accuplacer Reading score 240+. Part of the year-long Bio+ program for KCKPS high school students. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Survey of Biomanufacturing KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 3		

This is the high school course for KCKCC BMFR-0100 - Survey of Biomanufacturing, 3 credit hours KCKCC Description: This survey course provides students with basic training on the field of biomanufacturing production. Students are introduced to an understanding of the career opportunities and basic technical skills required in high-demand, high-skill careers in bio-manufacturing. This course will include an introduction to the local Life Science industry and related career opportunities and employment requirements; the basic math and technical skills required of an entry-level position; and basic knowledge of documentation, safety, and bioprocess requirements in a biomanufacturing facility. Upon completion of this course, the students will earn an OSHA-10 Safety card. Pre-requisites: Accuplacer Reading score 240+. Part of the year-long Bio+ program for KCKPS high school students. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Techniques and Instrumentation for Biomanufacturing KCKCC	High School Credit: 1.0	High School Credit Type: ELECTIVE
TOTAL COLLEGE CREDITS IN PROGRAM: 4		

This is the high school course for KCKCC BMFR-0146 - Techniques and Instrumentation for Biomanufacturing, 3 credit hours KCKCC Description: The Techniques and Instrumentation course provides students with exposure to various instruments. Students will learn the importance of equipment maintenance and calibration of pipette, pH meters, and balances. They will be able to maintain and use different types of centrifuges and their applications, cell culture incubator, bioreactor, HPLC, and gel systems. Students will also learn about safety, good documentation practices, and practice aseptic techniques. Pre-requisites: Accuplacer Reading score 240+. Part of the year-long Bio+ program for KCKPS high school students. (Rev. Feb 2020; <https://www.kckcc.edu/files/docs/academics/catalog/2018-2019/course-descriptions.pdf>)

Tech Impact

Students in grades 11 and 12 who are interested in an Information Technology career may apply to enroll in Tech Impact. In the first semester of the program, students work alongside professionals at Cerner, a health care IT company, and complete the course Database Management KCKCC. Students then apply for an internship for second semester. Second semester projects range from client interactions to server management tasks as part of a Cerner Scholar Internship. While exact projects vary over time, each provides opportunities to build professional and technical skills. Students who complete the program in grade 11 may apply to participate for an additional two semesters in grade 12.

Database Management KCKCC

High School Credit: **1.0**

High School Credit Type: **ELECTIVE**

TOTAL COLLEGE CREDITS IN PROGRAM: 3

Database Management explores a "user" directed computer language. The software is used to perform tasks that once required hours of coding and logic development. Topics and projects include planning, building, modifying, maintaining, and using a database, sorting and indexing a file. Keyboarding skills are beneficial. (KCKCC Course CIST-0236).

Tech Impact 1

Course #: 22111012

Credit Type: **ELECTIVE**

Credit: 2.0

Grade Level: 11-12

Tech Impact 1 is a hands-on, real-world experience. Students will experience hands-on, active learning with full immersion in real-world projects sponsored by business partners such as Cerner Corporation. Students work in multi-disciplinary teams to provide innovative solutions to a company's real-world problems. Technology projects are tailored to student interest in the fields of health information software/computer technology. Tech Impact 2 is an onsite class that focuses on collaboration, employability skills and technical skills in preparation for on the job training experience second semester.

Tech Impact 2

Course #: 22111014

Credit Type: **ELECTIVE**

Credit: 2.0

Grade Level: 11-12

Tech Impact 2 is a hands-on, real-world experience. Students will experience hands-on, active learning with full immersion in real-world projects sponsored by business partners such as Cerner Corporation. Students work in multi-disciplinary teams to provide innovative solutions to a company's real-world problems. Technology projects are tailored to student interest in the fields of health information software/computer technology. Tech Impact 2 involves students working on company teams where they are an integral part of their daily function.

Tech Impact 3

Course #: 22121012

Credit Type: **ELECTIVE**

Credit: 2.0

Grade Level: 11-12

Tech Impact 3 is a hands-on, real-world experience. Students will lead the students in Tech Impact 1 in hands-on, active learning with full immersion in real-world projects sponsored by business partners such as Cerner Corporation. Students will learn leadership and team management skills as they guide students as they work in multi-disciplinary teams to provide innovative solutions to a company's real-world problems. Technology projects are tailored to student interest in the fields of health information software/computer technology. Tech Impact 2 is an onsite class that focuses on collaboration, employability skills and technical skills in preparation for on the job training experience second semester.

Tech Impact 4

Course #: 22121014

Credit Type: **ELECTIVE**

Credit: 2.0

Grade Level: 11-12

Tech Impact 4 will continue the hands-on, real-world experience they began in Tech Impact 2. Students will experience hands-on, active learning with full immersion in real-world projects sponsored by business partners such as Cerner Corporation. Students work in multi-disciplinary teams to provide innovative solutions to a company's real-world problems. Technology projects are tailored to student interest in the fields of health information software/computer technology. Tech Impact 2 involves students working on company teams where they are an integral part of their daily function.

Wyandotte County 911 Dispatch

Students in grade 12 who are interested in a career in Law Enforcement may apply to be accepted into the 911 Dispatch program. This program is in partnership with the Wyandotte Unified Government. Students must complete the application and background check designated by the Wyandotte Unified Government. Students receive 320 hours of paid learning experience, NCIC certification, emergency medical dispatch certification, and cardiopulmonary resuscitation certification.

Course offerings will be available soon.

Wyandotte County Sheriff's Corrections Cadet

Students in grade 12 who are interested in a career in Law Enforcement may apply to be accepted into the Sheriff's Corrections Cadet Program. This program is in partnership with the Wyandotte Unified Government. Students must pass an agility and background test to be considered for this program. Students will receive 300 hours of paid learning experience and can be eligible for employment upon graduation.

Course offerings will be available soon.