

# 2026-2027 COURSE OFFERINGS AND ENROLLMENT INFORMATION



Bonner Springs High School  
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# GRADUATION REQUIREMENTS

## CLASS OF 2027

<b><u>English/Language Arts</u></b>	<b>4 Credits</b>
English 9 or Honors English 9	1 Credit
English 10 or Honors English 10	1 Credit
American Literature or Honors American Lit.	1 Credit
World Literature or Honors World Literature	1 Credit
<b><u>Mathematics</u></b>	<b>3 Credits</b>
9th Grade	1 Credit
10th Grade	1 Credit
11th Grade	1 Credit
<b><u>Social Studies</u></b>	<b>3 Credits</b>
World History/Geography	1 Credit
US History	1 Credit
Social Studies Elective	½ Credit
US Government	½ Credit
<b><u>Science</u></b>	<b>3 Credits</b>
9th Grade	1 Credit
10th Grade	1 Credit
11th Grade	1 Credit
<b><u>Physical Education and Health</u></b>	<b>1 Credit</b>
Fitness & Health OR Weights & Health	1 Credit
<b><u>Performing &amp; Visual Arts</u></b>	<b>1 Credit</b>
Two semesters of Performing and/or Visual Arts courses	
<b><u>Technical Art</u></b>	<b>1 Credit</b>
Consumer Personal Finance OR Financial Literacy	½ Credit
One semester of a Technical Art course	½ Credit
<b><u>Projects</u></b>	
Senior Project	
<b><u>Electives</u></b>	<b>8 Credits</b>

**Total Credits: 24**

# GRADUATION REQUIREMENTS

## CLASS OF 2028 and Beyond

<b>English/Language Arts</b>	<b>4 Credits</b>
English 9 or Honors English 9	1 Credit
English 10 or Honors English 10	1 Credit
American Literature or Honors American Lit.	1 Credit
*Includes 1/2 credit of speech	
World Literature or Honors World Literature	1 Credit
<b>Mathematics</b>	<b>3 Credits</b>
9th Grade	1 Credit
10th Grade	1 Credit
11th Grade	1 Credit
<b>Social Studies</b>	<b>3 Credits</b>
World History/Geography	1 Credit
US History	1 Credit
Social Studies Elective	½ Credit
US Government	½ Credit
<b>Science</b>	<b>3 Credits</b>
9th Grade	1 Credit
10th Grade	1 Credit
11th Grade	1 Credit
<b>Physical Education and Health</b>	<b>1 Credit</b>
Fitness OR Weights	½ Credit
Health	½ Credit
<b>Performing &amp; Visual Arts</b>	<b>1 Credit</b>
Two semesters of Performing and/or Visual Arts courses	
<b>Technical Art</b>	<b>1 Credit</b>
Financial Literacy	½ Credit
One semester of a Technical Art course	½ Credit
<b>STEM</b>	<b>1 Credit</b>
STEM courses include a fourth year of advanced math, a fourth year of advanced science, or an advanced CTE course (indicated in this course book with ♦)	
<b>Projects</b>	
Senior Project	
<b>Post-Secondary Assets</b>	<b>2 Assets</b>
See page 6 for information about assets.	
<b>Electives</b>	<b>7 Credits</b>

**Total Credits: 24**

English/Language Arts		Mathematics		Physical Education	
English 9 and Honors English 9	pg. 18	Principles of Algebra	pg. 21	Fitness and Health	pg. 27
English 10 and Honors English 10	pg. 18	Algebra I	pg. 21	Weights and Health	pg. 27
American Literature and Honors	pg. 18	Geometry	pg. 21	Weights	pg. 27
World Literature and Honors	pg. 19	Algebra II	pg. 21	Advanced PE	pg. 27
Composition I and II	pg. 20	General Applied Math	pg. 21		
Public Speaking	pg. 19	Transition Algebra	pg. 21		
		College Algebra	pg. 22		
		Pre-Calculus	pg. 22		
		Calculus	pg. 22		
		Probability & Statistics	pg. 22		
		Contemporary Math	pg. 22		
Science		Social Sciences		World Languages	
General Science	pg. 23	World History & Geography	pg. 25	Spanish I	pg. 31
Biology	pg. 23	US History	pg. 25	Spanish II	pg. 31
Chemistry and Honors Chemistry	pg. 23	US Government	pg. 25	Spanish III	pg. 31
Physics	pg. 24	Contemporary World Issues	pg. 25	Spanish IV	pg. 31
Anatomy & Physiology	pg. 24	The 1960s	pg. 25	Spanish for Native Speakers	pg. 31
Advanced Biology	pg. 23	Conspiracies & Scandals	pg. 25		
Environmental Science	pg. 23	American Pop Culture	pg. 25		
Earth and Space Science	pg. 23	World War II	pg. 26		
		Sociology	pg. 26		
		American History until 1877	pg. 26		
		American History from 1877	pg. 26		
		Psychology	pg. 26		
		Ancient World Civilizations	pg. 26		
Performing & Visual Arts					
<u>Art</u>		<u>Media and Design</u>		<u>Music</u>	
Creative Art Comprehensive	pg. 29	Journalism & Media Commun.	pg. 53	Band	pg. 30
Drawing	pg. 29	Photo Imaging	pg. 53	Jazz Band	pg. 30
Painting	pg. 29	Audio/Video Production	pg. 52	Bravo	pg. 29
Photography	pg. 29	Yearbook ♦	pg. 53	Fiero	pg. 29
Creative Art Sculpture	pg. 28	Newspaper ♦	pg. 53	Corragiosa	pg. 29
Ceramics	pg. 28	Sports Journalism ♦	pg. 54	Valoroso	pg. 30
Ceramics II	pg. 28	Tee Pee Talk ♦	pg. 54	Music Appreciation	pg. 30
Textiles	pg. 28				
Jewelry	pg. 28	<u>Advanced Foreign Language</u>		<u>Performance/Acting</u>	
		Spanish III	pg. 31	Debate	pg. 30
		Spanish IV	pg. 31	Forensics	pg. 30
				Drama	pg. 31
Technical Arts					
<u>Business</u>		<u>Family and Consumer Sciences</u>		<u>Industrial Technology</u>	
Business Essentials	pg. 41	Human Growth & Development	pg. 48	Intro to Engineering ♦	pg. 45
Entrepreneurship	pg. 41	Family Studies	pg. 48	Drafting CAD ♦	pg. 45
Business Management	pg. 42	Culinary Essentials	pg. 48	Advanced Drafting CAD ♦	pg. 49
Business Communication	pg. 43	Baking & Pastry I	pg. 56	Architecture I ♦	pg. 45
Business Law	pg. 43	Baking & Pastry II	pg. 56	Architecture II ♦	pg. 46
Accounting	pg. 42	Culinary Arts ♦	pg. 55	Robotics I ♦	pg. 39
Principles of Marketing	pg. 42	Interior Design I	pg. 46	Robotics II ♦	pg. 39
Financial Literacy	pg. 33	Interior Design II	pg. 46	Gen. Carpentry I ♦	pg. 43
Sports & Entertainment Marketing	pg. 51	Career and Community Connections ♦	pg. 48	Gen. Carpentry II ♦	pg. 46
Marketing Applications ♦	pg. 52	Teaching as a Career	pg. 57	Woodworking Principles ♦	pg. 45
Applied Business Development ♦	pg. 44	Teaching Internship ♦	pg. 57	Adv. Materials & Fabrication ♦	pg. 46
				Welding I ♦	pg. 49
<u>Media and Design</u>				Welding II ♦	pg. 49
Journalism & Media Commun.	pg. 53			Small Engines ♦	pg. 58
Photo Imaging	pg. 53			Small Engines II ♦	pg. 58
Audio/Video Production	pg. 52				
Computer Graphics ♦	pg. 53				
Yearbook ♦	pg. 53				
Newspaper ♦	pg. 53				
Sports Journalism ♦	pg. 54				
Tee Pee Talk ♦	pg. 54				
Gaming Concepts	pg. 54				

# POST-SECONDARY ASSETS

New graduation requirements starting with the Class of 2028 require students to achieve two Post-Secondary Assets. PSAs need to be achieved and documented in Skyward during the four years of high school. They cannot be completed as part of a high school course and must be directly related to the student's Individual Plan of Study (IPS).

## Post-Secondary Assets

- 4-H Kansas Key Award\*
- 95% High School Attendance
- ACT Composite score of 21+
- Advanced Placement Exam of 3+\*
- Complete 40 or more community service hours\*
- Complete the ASVAB (per requirements of military branch selected)
- Complete Board of Regents curriculum
- Complete a client-centered project
- Complete an internship
- Complete a senior project
- Complete youth apprenticeship
- CTE Scholar
- Earn a minimum 9 hours of college credit
- Earn Eagle Scout or Gold Scout\*
- Earn an industry recognized certificate (examples: CNA, ServSafe Food Handler, ServSafe Manager, OSHA-10, OSHA-30)
- International Baccalaureate Exam of 4+\*
- JROTC\*
- SAT Score of 1060+\*
- State assessment score of 3 or 4 in ELA
- State assessment score of 3 or 4 in Math
- State assessment score of 3 or 4 in Science
- Two or more high school athletics/activities (that have requirements outside of the school day)
- WorkKeys level Silver or higher
- Workplace learning experience directly related to individual plan of study

*\*Indicates that these post secondary assets are not currently offered at Bonner Springs High School, but will be accepted if a student transfers to Bonner Springs High School with these post secondary assets.*

# PLANNING FOR POST HIGH SCHOOL

Subject	BSHS Diploma	Kansas Qualified Admissions	Kansas Scholars Curriculum	NCAA Eligibility
<b>English</b>	4 Credits <i>English 9, 10, 11, &amp; 12</i>	4 Credits <i>English 9, 10, 11, &amp; 12</i>	4 Credits <i>English 9, 10, 11, &amp; 12</i>	4 Credits <i>English 9, 10, 11, &amp; 12</i>
<b>Math</b>	3 Credits	3 Credits with ACT benchmark of 22 <u>OR</u> 4 Credits	4 Credits <i>Algebra I</i> <i>Geometry</i> <i>Algebra II</i> <i>Advanced Math Course</i>	3 Credits <i>Algebra I and higher</i>
<b>Science</b>	3 Credits <i>Must include Biology</i>	3 Credits <i>Must include Chemistry or Physical Sci.</i>	3 Credits <i>Biology</i> <i>Chemistry</i> <i>Physics</i>	2 Credits of Natural/Physical Science +1 Credit for BSHS
<b>Social Science</b>	3 Credits <i>World History/Geo.</i> <i>US History</i> <i>Soc. Sci. Elective</i> <i>Government</i>	3 Credits	3 Credits <i>World History/Geo.</i> <i>US History</i> <i>Soc. Sci. Elective</i> <i>Government</i>	2 Credits +1 Credit for BSHS
<b>Physical Education</b>	1 Credit <i>Fitness/Health</i>	BSHS Requirement	BSHS Requirement	BSHS Requirement
<b>World Language</b>	Not required	Not required	2 Credits	Not required
<b>Fine Arts (Performing &amp; Visual Art)</b>	1 Credit	Additional Requirements: - 2.0 GPA for college classes taken in HS  <b>KU:</b> Cumulative GPA of 3.25 and ACT 21+ <u>OR</u> Cumulative GPA of 3.0 and ACT of 24+	Additional Requirements: - Take ACT between April of 10 <sup>th</sup> grade and December of 12 <sup>th</sup> grade - Be a KS resident - Have student's curriculum and 7 <sup>th</sup> semester GPA certified by school official	*Please visit NCAA Eligibility Center website to view eligibility requirements for Divisions I and II as requirements can change each year.
<b>Technical Arts</b>	1 Credit	<b>KSU:</b> Cumulative GPA of 3.25 <u>OR</u> Act 21+		**You must take core courses approved by NCAA, please use their website to check the status of classes offered here at BSHS.
<b>General Electives</b>	8 Credits	<b>ESU, PSU, FHSU, WSU:</b> Cumulative GPA of 2.25 <u>OR</u> ACT 21+		

# PLANNING FOR POST HIGH SCHOOL

## **Kansas Board of Regents Qualified Admissions**

Students graduating from an accredited Kansas high school, under the age of 21 must;

- Achieve a 2.0 GPA or higher on any college credit taken in high school
- Meet the requirement for the university they plan to attend:
  - **University of Kansas:** Cumulative GPA of 3.25 and ACT 21+ OR Cumulative GPA of 3.0 and ACT of 24+
  - **Kansas State University:** Cumulative GPA of 3.25 OR Act 21+
  - **Emporia State University, Pittsburg State University, Fort Hays State University, Wichita State University:** Cumulative GPA of 2.25 OR ACT 21+
- Complete the pre college curriculum with 2.0 GPA

## **Qualified Admissions Pre College Curriculum**

- English – 4 units, one unit taken each year of high school
- Science – 3 units
- Math – 3 units with ACT benchmark of 22+ or 4 units, one unit must be taken during Senior year
- Social Science – 3 units
- Electives – 3 units

## **Kansas Scholars Curriculum and Requirements**

- 4 units of English
- 3 units of Natural Science (Biology, Chemistry, & Physics)
- 4 units of Math (1 unit must be an advanced mathematics course)
- 3 units of Social Science
- 2 units of Foreign Language
- Take the ACT between April of Sophomore year and December of Senior year

## **What is the benefit of completing the Kansas Scholars Curriculum?**

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

[www.kansasregents.org](http://www.kansasregents.org)

# NAIA/NCAA ATHLETIC REQUIREMENTS

## NAIA/NCAA Athletics Requirements:

Any student hoping to play sports at an NCAA Division college should work closely with their coach and school counselor. The NCAA Initial-Eligibility Clearinghouse is an organization that works with the NCAA to determine a student's eligibility for athletics participation in their first year of college enrollment. Students who want to participate in college sports during their first year of enrollment in college must register with the clearinghouse. [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

### Division I Eligibility

If you enroll in a Division I college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from High School
- Complete these 16 core courses:
  - 4 years of English
  - 3 years of Math (Algebra I or higher)
  - 2 years of Natural/Physical Science
  - 1 additional year of English, Math, or Natural/Physical Science
  - 2 years of Social Science
  - 4 years of additional core courses from any category above or foreign language or philosophy
- Earn a minimum required GPA in your core courses
- Earn a combined SAT or ACT sum score that matches your GPA.

Student-athletes enrolling in college in August 2016 and later must meet all of the above requirements to receive aid in the first year and practice in the first term. In order to compete in the first year, prospects must meet all of the above and:

- Earn at least a 2.3 GPA in core courses
- Meet an increased sliding-scale standard
- Complete 10 core-courses prior to the start of the seventh semester, at least seven in English, math and science.

### Division II Eligibility

If you enroll in a Division II college and want to participate in athletics or receive an athletic scholarship during your first year, you must:

- Graduate from High School
- Complete these 16 core courses:
  - 3 years of English
  - 2 years of Math (lowest level being Algebra I)
  - 2 years of Natural/Physical Science
  - 3 additional years of English, Math, or Natural/Physical Science
  - 2 years of Social Science
  - 4 years of additional core courses from any category above or foreign language or philosophy
- Earn a 2.0 GPA or better in your core courses and
- Earn a combined SAT score of 820 or an ACT sum score of 68

***There is no sliding scale in Division II***

*It is the student's responsibility to look at your high school's list of NCAA-approved core courses on the NCAA eligibility website to make sure the courses being taken have been approved as core courses.*

*All SAT and ACT test scores MUST be reported to the eligibility website DIRECTLY from the testing agency. Test scores will NOT be accepted if reported on a high school transcript.*

# EARLY GRADUATION REQUIREMENTS

Students at Bonner Springs High School will have the option to graduate after seven semesters, provided they have met all of the approved graduation requirements.

The following criteria and activity limitations govern those who participate:

1. The student will complete all graduation requirements, 24 credits and a senior project.
2. The student will present their senior project at a December Senior Boards Day and follow an accelerated senior project timeline to complete the project by the December presentation day.
3. The student will have the option to participate in the May graduation ceremony.
4. The student will not be enrolled in five classes his/her second semester, as a result they are not eligible to participate in KSHSAA activities.
5. Students wishing to graduate early will apply after their fifth semester. The early graduation application must be signed by the student, approved by the parent/guardian, and given final approval by the principal based on parent approval and credit verification.
6. Students that graduate in December will be eligible to attend school dances (Court warming and Prom).
7. If the student does not meet all of the graduation requirements, they can enroll for an eighth semester.
8. The student is responsible for reading the website, email, and all other sources of obtaining information regarding student life at BSHS.
9. Students who apply for early graduation status acknowledge the potential impacts of becoming a part-time student (social security benefits apply only to full-time students, some scholarship requirements, etc.) and hold USD 204 harmless of those potential impacts.
10. In order to continue attending the area technical school, and have USD 204 pay the tuition, a student must attend BSHS for a portion of the day.

Applications are available in Student Services during the Fall Semester and due in December each year.

# SCHEDULE CHANGE/WITHDRAWAL POLICY

All schedule change requests that meet the specific criteria must be submitted to the counseling department within the first three days of the semester. Schedules can be changed for the following, but is not limited to:

- Computer error
- Prerequisite not met
- Duplicate credit
- Increase in rigor

The final day to withdraw from a course is the third Friday in September for the Fall semester and the third Friday in February for the Spring semester. After this date, any students who withdraw will receive an F in the course.

# VALEDICTORIAN AND SALUTATORIAN REQUIREMENTS

The Valedictorian and Salutatorian will be selected at the end of the first semester of their senior year. GPA will figure to .01 for these awards. Selection will be made on the following basis:

1. The registrar will calculate the GPA by using all grades earned in regularly scheduled classes at BSHS, or in a case of a transfer student, grades earned in a previous school(s).
2. Grade points are as follows: A=4, B=3, C=2, D=1, F=0
3. The final announcement on those selected will come from the Principal.

The Valedictorian and Salutatorian at Bonner Springs High School will be determined based on the following criteria:

1. The student will complete all graduation requirements, 24 credits, and a senior project.
2. The student will complete the following credits...
  - a. Language Arts: 4 Credits
  - b. Natural Science: 4 credits (**must include Biology, Chemistry, and either Physics, Advanced Biology, or Anatomy and Physiology**)
  - c. Math: 4 credits (**must include Algebra I, Algebra II, Geometry, and either Pre-Calculus, Calculus, Statistics or College Algebra**).
  - d. Social Science: 3 credits
  - e. Foreign Language: 2 credits in the same language
3. The registrar will calculate the GPA by using all grades earned in regularly scheduled classes at BSHS, or in a case of a transfer student, grades earned in a previous school(s).
4. Grade points are as follows: A=4, B=3, C=2, D=1, F=0
5. The final announcement on those selected will come from the Principal.

# FOREIGN EXCHANGE STUDENT POLICY

Foreign exchange students attending Bonner Springs High School will be enrolled as a Junior. Their studies will include American Literature, US History, and American Government. They will be enrolled to receive an educational experience. They will not receive a diploma from Bonner Springs High School.

Bonner Springs High School will accept foreign exchange students. The host parents must provide proof of residency and sign an out of district contract.

BSHS students that are participating in a Foreign Exchange program will need to enroll in the program for their Junior year. Students will need to make arrangements to take core classes online to stay on track to graduate. The Foreign Exchange experience will count as one credit per semester or a total of two credits for the school year. Students will need to meet all BSHS graduation requirements to graduate.

# COLLEGE AND CAREER READINESS

## Concurrent / Dual Credit

Bonner Springs High School offers college credit courses with an option of using Kansas City Kansas Community College and/or Mid America Nazarene University. Courses that offer concurrent/dual credit are identified in the course description. There are specific *requirements* depending on which institution is chosen. *All information regarding dual enrollment is subject to change depending on college policies.*

## Junior Colleges and Technical Colleges

Some courses provide dual credit with Kansas City Kansas Community College and/or Mid America Nazarene University. Most credits should transfer to any Board of Regents school in the state of Kansas (this does not include private or out-of-state institutions). To make sure the credit is transferable, students need to contact the schools they are interested in attending. Please check with the counseling department for the current cost of the college course. A list of these courses is available in the counseling office.

All students interested in college courses at KCKCC will have to successfully complete the Accuplacer Test, which is free of charge. Verification of the scores is required prior to enrollment in the courses. It is the student's responsibility to take the Accuplacer Test at KCKCC or BSHS prior to enrollment and provide a copy of results. KCKCC has a limit of 12 credit hours per semester and a total number of 24 high school dual enrollment credit hours a student may take.

## Part-Time Student

Part-time student program applies to seniors who are on track to graduate in eight semesters. Students will be allowed part-time only during their eighth semester. The following criteria and activity limitations govern those who participate: **1.)** Student must have 23 credits prior to the start of the 8<sup>th</sup> semester; **2.)** Student will be enrolled in five classes. To be eligible for a KSHSAA activity or school-sponsored activity the student must be enrolled and attending five new classes each semester. Teacher/Office Aide/Study Halls do not count toward five classes; **3.)** Part-time application must be signed by student, approved by parent/guardian and given final approval by the principal based on parent approval and credit verification; **4.)** Students must enroll in classes 1-5 or 3-7. Late start or early releases are the only options for this program. Students are only allowed on campus during their scheduled classes, unless given prior approval by a staff member. All transportation will be provided by student unless required by an IEP; **5.)** Once a student is enrolled in a class and begins attending, they are not allowed to drop the class after the drop deadline for second semester; **6.)** The student is responsible for reading the website, emails and all sources of obtaining information regarding student life at BSHS. Students are required to attend all required class meetings; **7.)** Students who apply for part-time status acknowledge the potential impacts of becoming a part-time student, (social security benefits apply only to full-time students, some scholarships etc.) and hold USD 204 harmless of those potential impacts; **8.)** In order to continue attending the area technical school, and have USD 204 pay the tuition, a student must attend BSHS for a portion of the day.

## Special Services

Bonner Springs High School provides comprehensive programming for students with special needs. Such programming is represented through a continuum of services options ranging from collaboration in the general education classroom to direct services provided in special service classrooms. Individual services and programming are provided as directed by an Individual Education Planning (IEP) team for students with learning disabilities, emotional and behavioral needs, sensory and physical needs, cognitive and developmental disabilities, speech/language needs, hearing and vision needs, and for students who are gifted. Placement in these programs/services is by Special Education only.

## Career Pathways

Tomorrow's jobs will require more knowledge, better skills, and highly flexible workers who continually update their knowledge and skills. To ensure BSHS is preparing students for 'tomorrows' jobs we offer Career & Technical Education (CTE) Pathways. These programs offer academic and technical study and integrate real-world learning with classroom learning. The Career Pathways prepare students for a smooth transition from high school to postsecondary education (technical colleges, community colleges and universities), apprenticeship opportunities, the military, and/or the workplace.

# EARN COLLEGE CREDIT IN HIGH SCHOOL

There are several opportunities for college credit offered at the high school. Here are the opportunities we currently offer:

- **KCKCC – taught by KCKCC faculty at BSHS (Dual Enrollment)**
  - Composition I (first semester, junior or senior year)
  - Composition II (second semester, junior or senior year)
  - US History until 1877 (first semester, sophomore, junior, or senior year)
  - US History from 1877 (second semester, sophomore, junior, or senior year)
  - Public Speaking (junior or senior year)
  - Psychology (junior or senior year)
  - Medical Terminology (online)
  
- **KCKCC – taught by BSHS faculty at BSHS (Concurrent Enrollment)**
  - Anatomy & Physiology
  - Introduction to Teaching: Career Awareness
  - Spanish I and II
  - College Algebra
  - Pre-Calculus
  - Calculus
  - Statistics

The following is the process to enroll in KCKCC classes, whether they are taught by KCKCC faculty or BSHS faculty:

1. The student must apply online to KCKCC [www.kckcc.edu/apply](http://www.kckcc.edu/apply)
2. Once the application has been accepted, the student will receive a student ID number through email
3. The student will need to use this ID number to take the Accuplacer placement test. Testing is done at KCKCC or at select times at BSHS. The student must meet merit requirements (placement score and/or GPA to be eligible to take college courses.
4. All scores need to be turned in to your counselor. Please keep in mind that a student must have a certain score on the placement test in order to enroll in college classes.

# EARN COLLEGE CREDIT IN HIGH SCHOOL - TEC

## KCKCC-TEC Certificate Programs Available in High School

Certificate Program	Estimated Program Length	Estimated Cost to Student*	Total Program Credits
Auto Collision Repair	3 semesters		47 credits
Auto Technology	3 semesters	\$150	53 credits
Building Engineering and Maintenance	4 semesters	\$550	50 credits
Computer Support Specialist	3 semesters		42 credits
Construction Technology	3 semesters		48 credits
Cosmetology	4 semesters		50 credits
Culinary Arts	2 semesters		30 credits
Electrical Technology	3 semesters		44 credits
Electronics Engineering Technology	2 semesters		33 credits
Emergency Medical Services	2-3 semesters		16 credits
Heating and Refrigeration Tech. (HVAC)	2 semesters		32 credits
Medical Assistant	3 semesters	\$550	38 credits
Multimedia/Video Production	2 semesters		30 credits
Nail Technology	1 semester	\$442-792	16 credits
Nursing Assistant	1 semester		5 credits
Welding Technology	3 semesters	\$100	46 credits

Some programs require a minimum Accuplacer score to apply. Students must be 17 years old and a Senior to participate in the Nail Technology, Cosmetology, and EMS programs. Students must be 17 years old to participate in the Nursing and Medical Assistant programs.

Tuition is paid by the State of Kansas and USD 204. Tuition is pro-rated for former high school students who continue TEC enrollment with advanced standing as Kansas Post-Secondary students in order to complete the program. Tuition rate and course fees are subject to change on July 1<sup>st</sup> of each year.

\*Fees, books, tools, uniforms (if required) are additional and vary by program. Some programs will have incidental fees which will be used for t-shirts, workbooks, or other consumables. These costs are not covered by SB155.

\*\*Includes state-required supply kit, book, uniforms and apprentice license. Payment is due by the start of school. A KDHE health assessment must be completed and negative TB test results provided the first week of class in order to fulfill the required clinical experience in a healthcare facility.

**If you are interested in TEC, please speak with your Counselor.**

# ASSOCIATES DEGREE THROUGH KCKCC

## Associates of General Studies Degree KCKCC/BSHS Pathway

An Associates in General Studies Degree in Liberal Arts and Sciences requires satisfactory completion of a minimum of 60 credit hours and a C (2.00) cumulative grade-point average. Candidates for this degree must present an organized program of study, which meets the following 27 hours of general education core requirements. Authority for substitutions must be obtained from the Vice President of Academic Affairs.

Since the transferability of courses will vary depending on the specific four-year institution, it is strongly recommended that students intending to transfer to a four-year institution consult with the transfer institution and with their respective KCKCC advisor before enrolling in order to determine the transferability of their courses. It is the student's responsibility to follow the transfer requirements established by his/her transfer institution. It is the responsibility of the student to know and to observe the requirements of his/her curriculum and the rules governing academic work.

Although the student advisor will attempt to help the student make wise decisions, the ultimate responsibility for meeting the requirements rests with the student.

As of this year, students will have the opportunity to sign up for one or several courses offered in the morning. The program is open to sophomores, juniors, and seniors. Freshmen with a Gifted IEP may also enroll. Students will receive the High School tuition rate of \$80 per credit hour with a \$7 technology fee, so \$87 per credit hour, except for any Excel in CTE (Senate Bill/Tired courses). Students are responsible for their books unless the school district provides the books or covers the cost. Students who wish to enroll should submit the Concurrent/Dual Enrollment Form to their counselor with the respective course and section number.

### Course Requirements

- Freshman Seminar (BLUE 0101)-*online or on campus KCKCC 1 credit*
- 6 hours of Composition-*BSHS Comp I-3 credits/Comp II-3 credits*
- 3 hours of Public Speaking OR Interpersonal Communication-*BSHS Public Speaking 3 credits*
- Intermediate Algebra (MATH 0104) or higher may meet this requirement for certain AGS degrees-*BSHS through MNU 3 credits*
- 6 hours from at least two different disciplines
  - Art\*
  - History-*BSHS US History until 1877 or US History after 1877 3 credits*
  - Literature
  - Foreign Language-*BSHS Spanish I-5 credits*
  - Music\*
  - Philosophy\*
  - Theater\*  
*\*Performance Courses are Excluded*
- 3 hours of Science lecture with lab
  - Biology-*BSHS Anatomy and Physiology 5 credits*
  - Chemistry
  - Natural Science
  - Physical Science
- 3 hours of Social and Behavioral Science
  - Anthropology
  - Economics
  - Geography
  - Political Science
  - Psychology-*BSHS 3 credits*
  - Sociology
- Additional coursework to reach 60 credit hours (can include the following courses offered at BSHS)
  - Physics-*BSHS/MNU 5 credit hours*
  - Spanish II-*BSHS 5 credits*

# ASSOCIATES DEGREE THROUGH KCKCC

## Associates of General Studies Degree KCKCC/BSHS Pathway

Below is a sample timeline for degree completion. These courses would be in addition to required BSHS courses for graduation. Meet with your Counselor to make a plan for degree completion during your Freshman year.

### *10th grade*

#### **Fall**

US History until 1877-3 credits

Online Freshman Seminar-1 credit KCKCC online

#### **Spring**

US History after 1877 -3 credits

### **Summer before junior year**

6 credit hour from KCKCC online or on campus

### *11th grade*

#### **Fall**

Comp I-3 credits

Psychology-3

credits

3 credit hour class from KCKCC online or on campus

#### **Spring**

Comp II-3 credits

Public Speaking-3 credits

Anatomy and Physiology-5 credits

College Algebra-3 credits MNU

Spanish I-3 credits

### **Summer before Senior year**

6 credits from KCKCC online or on campus

### *12th grade*

#### **Fall**

3 credits from KCKCC online or on campus

#### **Spring**

Physics-5 credits MNU

Spanish II-5 credits

\*\*\*CNA Students received 5 credits from KCKCC which would count towards the 60 total credits.

### **60 Credit Hours**

Yellow highlight indicates classes completed online or on-campus through KCKCC (not offered at BSHS)

## COURSE OFFERINGS BY SUBJECT AND PATHWAY

# ENGLISH LANGUAGE ARTS

## English 9

**Prerequisite:** None, required

**State Course Code:** 01001

English 9 builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and usually includes the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

**Grade Levels:** 9

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4011/4012

## Honors English 9

**Prerequisite:** Teacher Approval

**State Course Code:** 01001

Honors English 9 will be an extension of the English 9 curriculum, where students demonstrate mastery of the Kansas 9<sup>th</sup> grade English Language Arts Standards as they read, write, and think at a complex level. The Honors English 9 course is designed for motivated students who have a passion for English Language Arts and who desire to push themselves to their next level of literary analysis and composition. Students enrolled in Honors English 9 will be expected to demonstrate advanced levels of critical thinking and a genuine interest in English Language Arts. As the course progresses, students will build on their literary analysis and critical thinking skills, preparing for future upper level courses.

**Grade Levels:** 9

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4141/4142

## English 10

**Prerequisite:** None, required

**State Course Code:** 01002

English 10 offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate techniques used by the author to deliver his or her message.

**Grade Levels:** 10

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4021/4022

## Honors English 10

**Prerequisite:** Teacher Approval

**State Course Code:** 01002

Honors English 10 will be an extension of the English 10 curriculum, where students demonstrate mastery of the Kansas 10<sup>th</sup> grade English Language Arts Standards as they read, write, and think at a complex level. The Honors English 10 course is designed for motivated students who have a passion for English Language Arts and who desire to push themselves to their next level of literary analysis and composition. Students enrolled in Honors English 10 will be expected to demonstrate advanced levels of critical thinking and a genuine interest in English Language Arts. As the course progresses, students will build on their literary analysis and critical thinking skills, preparing for future upper level courses.

**Grade Levels:** 10

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4161/4162

## American Literature 11

**Prerequisite:** None, required

**State Course Code:** 01054

American Literature focuses on commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are required. The course continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers.

**Grade Levels:** 11

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4031/4032

## Honors American Literature 11

**Prerequisite:** Teacher Approval

**State Course Code:** 01054

Honors American Literature is an extension of the American Literature curriculum, where students demonstrate mastery of the Kansas 11<sup>th</sup>-grade English Language Arts Standards as they read, write, and think at a complex level. The Honors American Literature course is designed for motivated students who have a passion for English Language Arts and who desire to push themselves to their next level of literary analysis and composition. Students enrolled in Honors English will be expected to demonstrate advanced levels of critical thinking and a genuine interest in English Language Arts. As the course progresses, students will build on their literary analysis and critical thinking skills, preparing for future upper-level courses.

**Grade Levels:** 11

**Term:** Year

**BSHS Graduation Credit:** English

**Local Course Code:** EL4171/4172

**World Literature 12****Prerequisite: None, required****State Course Code: 01058**

World Literature 12 blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. uses representative literature selections from ancient and/or modern times from countries around the world. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. Oral discussion is an integral part of literature courses, and written compositions are often required. Students will participate in group presentations, individual presentations, and research papers.

**Grade Levels: 12****Term: Year****BSHS Graduation Credit: English****Local Course Code: EL4051/4052****Honors World Literature 12****Prerequisite: Teacher Approval****State Course Code: 01058**

Honors World Literature 12 will be an extension of the World Literature curriculum, where students demonstrate mastery of the Kansas 12th grade English Language Arts Standards as they read, write, and think at a complex level. The Honors World Literature 12 course is designed for motivated students who have a passion for English Language Arts and who desire to push themselves to their next level of literary analysis and composition. Students enrolled in Honors World Literature 12 will be expected to demonstrate advanced levels of critical thinking and a genuine interest in English Language Arts.

**Grade Levels: 12****Term: Year****BSHS Graduation Credit: English****Local Course Code: EL4181/4182****Literature of a Genre – Mythology****Prerequisite: None****State Course Code: 01061**

This is an English elective course. These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on one or several genres, such as poetry, essay, biography, short story, drama, and so on. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of these genre-oriented courses, and written compositions are often required.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: English Elective****Local Course Code: EL4101****Literature of a Theme – Sports****Prerequisite: None****State Course Code: 01065**

This is an English elective course. These courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), but use selected literature to explore a particular theme as expressed from several points of view.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: English Elective****Local Course Code: EL4071****Creative Writing****Prerequisite: None****State Course Code: 01104**

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

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: English Elective****Local Course Code: EL4081****Public Speaking****Prerequisite: Pass Accuplacer test****State Course Code: 01151**

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

**Grade Levels: 11-12****Term: Semester****BSHS Graduation Credit: P&V Art****Local Course Code: EL4111**

**Composition I****Prerequisite: Pass Accuplacer test****State Course Code: 01149****Grade Levels: 11-12****Term: Semester****BSHS Graduation Credit: English****Local Course Code: EL4061**

Composition I is the first of two required composition courses at the collegiate level. 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. This course is for college credit through KCKCC.

**Composition II****Prerequisite: Pass Accuplacer test & Comp I****State Course Code: 01149****Grade Levels: 11-12****Term: Semester****BSHS Graduation Credit: English****Local Course Code: EL4091**

Composition II is the second of two required composition courses at the collegiate level. A continuation of ENGL 101, Composition I, this course emphasizes research, bibliographic, and writing skills. Students write a minimum of four (4) graded documented essays in MLA format. This course is for college credit through KCKCC.

# MATHEMATICS

**Principles of Algebra**  
**Prerequisite: Placement**  
**State Course Code: 02069**

Principles of Algebra offers students the opportunity to focus on their math skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' math comprehension up to the desired level.

**Grade Levels: 9-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4061/4062**

**Algebra I**  
**Prerequisite: Placement**  
**State Course Code: 02052**

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

**Grade Levels: 9-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4011/4012**

**Geometry**  
**Prerequisite: Algebra I**  
**State Course Code: 02072**

Informal Geometry courses emphasize a practical approach to the study of geometry and deemphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

**Grade Levels: 9-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4031/4032**

**Algebra II**  
**Prerequisite: Algebra I**  
**State Course Code: 02056**

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.

**Grade Levels: 10-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4021/4022**

**General Applied Math**  
**Prerequisite: Algebra I and Geometry**  
**State Course Code: 02155**

General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

**Grade Levels: 11-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4101/4102**

**Transition Algebra**  
**Prerequisite: Algebra II**  
**State Course Code: 02055**

Transition Algebra courses review and extend algebra and geometry concepts for students who have already taken Algebra I and Geometry. Transition Algebra courses include a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

**Grade Levels: 11-12**                      **Term: Year**  
**BSHS Graduation Credit: Math**  
**Local Course Code: MA4071/4072**

**College Algebra****Prerequisite: Algebra II****State Course Code: 02069**

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. This course can be taken for college credit through MNU.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Math****Local Course Code: MA4081/4082****Pre-Calculus****Prerequisite: Algebra II****State Course Code: 02110**

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. This course can be taken for college credit through MNU.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Math****Local Course Code: MA4091/4092****Calculus****Prerequisite: Pre-Calculus****State Course Code: 02121**

Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis). This course can be taken for college credit through MNU.

**Grade Levels: 12****Term: Year****BSHS Graduation Credit: Math****Local Course Code: MA4051/4052****Probability & Statistics****Prerequisite: Algebra II****State Course Code: 02201**

This course will introduce the study of likely events and the analysis, interpretation and presentation of quantitative data. Course topics will include: basic odds, probability and statistics, probability theory, population and sample sets, measure of central tendencies, presentation of data (including graphs) as well as normal distribution, measures of variability.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Math****Local Course Code: MA4111/4112****Contemporary Math****Prerequisite: Algebra II****State Course Code: 02153**

Contemporary Math is designed for students not planning to major in a field that required advanced mathematical skills. Problem-solving, critical-thinking, and quantitative reasoning skills needed to understand issues in work, life, and society are developed using interesting and unique mathematical problems and topics such as voting theory, apportionment, fair division, scheduling, growth models, finance, probability, statistics, historical counting systems, cryptography, and logic.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Math****Local Course Code: TBD**

# SCIENCE

## General Science

**Prerequisite:** None, required

**State Course Code:** 03202

A freshman survey course including a combination of Life Science, Physical Science, Earth/Space Science, and Biology. It will address broad cross-cutting themes such as experimental design, science method, and systems and system models.

**Grade Levels:** 9

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4071/4072

## Biology

**Prerequisite:** None, required

**State Course Code:** 03202

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

**Grade Levels:** 9-10

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4011/4012

## Chemistry

**Prerequisite:** Algebra I or teacher approval

**State Course Code:** 03101

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas, equations and nuclear reactions are also studied.

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4021/4022

## Honors Chemistry

**Prerequisite:** Algebra I and teacher approval

**State Course Code:** 03101

Honors Chemistry provides students with a foundation to understand the structure and properties of chemical substances and to make predictions in chemical reactions. By nature, this course is lab-based with special emphasis on quantitative and qualitative methods of analysis. Students will be exposed to lectures, detailed lab reports, demonstrations, data analysis and group projects throughout the year. This course is designed to give the student the background and skills necessary for more advanced science classes such as Forensic Science, Advanced Biology, Anatomy & Physiology and Physics.

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4031/4032

## Advanced Biology

**Prerequisite:** Biology

**State Course Code:** 03052

Usually taken after a comprehensive initial study of biology, Advanced Biology studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; the evolution and adaptation of organisms, botany, microbiology, and zoology. This is a lab based science course which involves many dissections throughout the course.

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4091/4092

## Environmental Science

**Prerequisite:** Biology

**State Course Code:** 03003

Environmental Science courses examine 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.

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** SC4101/4102

## Earth and Space Science

**Prerequisite:** Biology

**State Course Code:** 03008

Earth and Space Science courses introduce students to the study of the earth from a local and global perspective. In these courses, students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** Science

**Local Course Code:** TBD

**Physics****Prerequisite: Algebra II****State Course Code: 03151**

Physics courses involve the study of the forces and laws of nature affecting matter; such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Science****Local Course Code: SC4041/4042****Anatomy and Physiology****Prerequisite: Biology and Chemistry****State Course Code: 03053**

Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present 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.

**Grade Levels: 11-12****Term: Year****BSHS Graduation Credit: Science****Local Course Code: SC4051/4052**

# SOCIAL SCIENCE

## **World History and Geography**

**Prerequisite: None, required**

**State Course Code: 04052**

The World History and Geography course covers the time period from around 1300 CE through the fall of the Soviet Union in the early 1990s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Students will focus on critical events, people, and turning points during these centuries including the Renaissance, imperialism, and twentieth-century issues.

**Grade Levels: 9**

**Term: Year**

**BSHS Graduation Credit: Social Science**

**Local Course Code: SS4081/4082**

## **US History**

**Prerequisite: None, required**

**State Course Code: 04101**

This course will cover the United States' history from Reconstruction through the present. Students will analyze social, cultural, political, military, and economic changes as they explore major events including Industrialization, Progressivism, World Wars, the Great Depression, the Civil Rights Movement, Cold War, and the War on Terror.

**Grade Levels: 10**

**Term: Year**

**BSHS Graduation Credit: Social Science**

**Local Course Code: SS4011/4012**

## **US Government**

**Prerequisite: None, required**

**State Course Code: 04051**

U.S. Government courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

**Grade Levels: 12**

**Term: Semester**

**BSHS Graduation Credit: Social Science**

**Local Course Code: SS4031**

## **Contemporary World Issues**

**Prerequisite: None**

**State Course Code: 04064**

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20<sup>th</sup> century, and look at historical causes or possible solutions.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: Social Sci. Elective**

**Local Course Code: SS4041**

## **Particular Topics in US History – The 60s**

**Prerequisite: None**

**State Course Code: 04109**

This course will cover social and political changes surrounding major events of the 1960s including the Cold War, war in Vietnam, Civil Rights Movement, counter culture movement, JFK assassination, and the Space Race.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: Social Sci. Elective**

**Local Course Code: SS4061**

## **Particular Topics in US History – Conspiracies and Scandals in US History**

**Prerequisite: None**

**State Course Code: 04109**

The theme of conspiracy is a recurring motif in American history. This course uses a case-study method to revisit episodes such as the Salem witch trials, the movement against freemasonry, the Slave Power conspiracy, and more recent obsessions such as UFOs and the assassination of John F. Kennedy to explain why so many Americans have embraced conspiracy theories to explain mysterious events and dramatic social change. The course will rely on primary accounts, fiction, and film, as well as secondary historical literature, to examine both "real" and "imaginary" conspiracies and their effects on the politics, culture, and society of the United States.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: Social Sci. Elective**

**Local Course Code: SS4111**

## **Particular Topics in US History – History of American Pop Culture**

**Prerequisite: None**

**State Course Code: 04109**

This course is a study of American popular culture and will explore its development, characteristics and role in shaping American institutions and the lives of people around the world. This course will cover many aspects of popular culture including media, sports, fashion, and the influence of technology.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: Social Sci. Elective**

**Local Course Code: SS4101**

**Sociology****Prerequisite: None****State Course Code: 04258**

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.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Social Sci. Elective****Local Course Code: 4121****Particular Topics in US History – WWII****Prerequisite: None****State Course Code: 04109**

This course will explore the causes of WWII, the Axis and Allied strategies, and the US entry into the war. Analysis of the dynamics of how the US changed on the home front, the Holocaust, the experience of combat, and the social, political, and scientific consequences of the war will be the focus of the class.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Social Sci. Elective****Local Course Code: SS4051****Ancient World Civilizations****Prerequisite: None****State Course Code: 04058**

Ancient Civilizations courses provide a survey of the evolution of society from the rise of major civilizations and cultures in the Near East, Indus Valley, and China up through the Classical Antiquity period of Greece and Rome. In this course students will study the rise and fall of civilizations and empires, with an emphasis on the legacies they provide to successive societies and our world today.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Social Sci. Elective****Local Course Code: SS4131****American History until 1877****Prerequisite: Pass Accuplacer test****State Course Code: 04149**

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 schools of thought on leading controversial issues are examined and compared. This course is an elective and cannot replace a required course. [This class is for college credit through KCKCC.](#)

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Social Science****Local Course Code: SS4071****American History from 1877****Prerequisite: Pass Accuplacer test****State Course Code: 04149**

Major trends and events of American history since Reconstruction are examined. Emphasized are the social, political, and economic developments of the twentieth century. Stressed are present problems and events in the light of their historical background. Historical interpretations from the dominant professional schools of thought on leading controversial issues are examined and compared. This course is an elective and cannot replace a required course. [This class is for college credit through KCKCC.](#)

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Social Science****Local Course Code: SS4091****Psychology****Prerequisite: Pass Accuplacer test****State Course Code: 04254**

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology. [This class is for college credit through KCKCC.](#)

**Grade Levels: 11-12****Term: Semester****BSHS Graduation Credit: Social Sci. Elective****Local Course Code: SS4021**

# HEALTH AND PHYSICAL EDUCATION

## **Health and Fitness**

**Prerequisite: None, required**

**State Course Code: 08052**

Health and Fitness courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, etc.) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

**Grade Levels: 9**

**Term: Year**

**BSHS Graduation Credit: Health/PE**

**Local Course Code: PE4011/4012, PE4071/4072**

## **Health and Weights**

**Prerequisite: Placement, required**

**State Course Code: 08052**

Health and Weights courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, etc.) with conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness, with the intention of conveying the importance of life-long wellness habits.

**Grade Levels: 9**

**Term: Year**

**BSHS Graduation Credit: Health/PE**

**Local Course Code: PE4021/4022, PE4081/4082**

## **Weight Training**

**Prerequisite: None**

**State Course Code: 08009**

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: PE**

**Local Course Code: PE4021/4122**

## **Advanced PE**

**Prerequisite: None**

**State Course Code: 08001**

Advanced Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in a variety of individual, dual, and team sports. Emphasis will be placed on improvement of introductory and advanced sports skills and techniques.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: PE**

**Local Course Code: PE4031**

# PERFORMING & VISUAL ARTS

Students are required to complete a credit from Performing & Visual Arts for graduation. If enrolled in 'performance' groups students are required to participate in concerts, programs and other events outside of school hours. These groups are designed for a year's participation. Art courses follow either the Creative Art 2-D or Creative Sculpture 3-D track which are noted in the course descriptions.

## 2D Track

Creative Art – Comprehensive  
Creative Art – Drawing  
Creative Art – Painting  
Creative Art – Drawing/Painting  
Independent Study – 2D  
Photography  
Independent Study – Photography

## 3D Track

Creative Art – Sculpture  
Ceramics/Pottery  
Ceramics II  
Jewelry  
Textiles  
Independent Study – 3D

### **Creative Art – Sculpture (3D)**

**Prerequisite: None**

**State Course Code: 05158**

Creative Art—Sculpture courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: Visual Art**

**Local Course Code: VA4061**

### **Ceramics/Pottery (3D)**

**Prerequisite: None**

**State Course Code: 05159**

Ceramics/Pottery courses cover the same topics as Creative Art—Comprehensive courses, but focus on handbuilding and creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: Visual Art**

**Local Course Code: VA4091**

### **Ceramics II (3D)**

**Prerequisite: Ceramics I**

**State Course Code: 05199**

Ceramics/Pottery courses cover the same topics as Creative Art—Comprehensive courses and Ceramics/Pottery courses, but focus on beginning throwing on the potter's wheel and deeper exploration of designing and creating three-dimensional works out of clay and ceramic material. Surface design and decoration is explored in greater depth.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: Visual Art**

**Local Course Code: VA4092**

### **Jewelry (3D)**

**Prerequisite: None**

**State Course Code: 05166**

Jewelry courses apply art and design principles to the creation of jewelry. Students explore using ceramic, 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 soldering, casting, riveting, and finishing as they relate to the creation of jewelry.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: Visual Art**

**Local Course Code: VA4071**

### **Textiles (3D)**

**Prerequisite: None**

**State Course Code: 05164**

Textiles teach the same lessons as Creative Art—Comprehensive courses, but with a focus on textiles. These courses may survey a wide range of crafts and art forms using textiles, or they may focus on only one type of art form; possibilities include weaving, macramé, quilting, batik, stitchery, and so on.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: Visual Art**

**Local Course Code: VA4081**

**Creative Art – Comprehensive (2D)****Prerequisite: None****State Course Code: 05154**

Creative Art provides students with knowledge and opportunity to explore an art form and to create individual works of art. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined and students are encouraged to develop their own artistic styles.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4021****Creative Art – Drawing (2D)****Prerequisite: Creative Art - Comprehensive****State Course Code: 05156**

In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk), but some courses may focus on only one medium.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4031****Creative Art – Painting (2D)****Prerequisite: Creative Art - Comprehensive****State Course Code: 05157**

In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4041****Photography (2D)****Prerequisite: None****State Course Code: 05167**

Photography engages students with the materials, processes, and artistic techniques of creating photographs. Students learn the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. As students advance, the creative process becomes more refined, and students develop their own artistic style. This course may also cover major photographers, art movements, and styles.

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4011****Independent Study – Photography****Prerequisite: Teacher Approval****State Course Code: 05170**

Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. Students are often encouraged to display their work publically.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4101****Independent Study (2D or 3D)****Prerequisite: Teacher Approval****State Course Code: 05170**

Art Portfolio courses offer students the opportunity to create a professional body of work that reflects their personal style and talent. Students are often encouraged to display their work publically.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Visual Art****Local Course Code: VA4051 (2D), VA4111(3D)****Bravo Choir (Formerly Chorale)****Prerequisite: None****State Course Code: 05110**

Chorus courses provide the opportunity to sing a variety of choral literature styles for men's and/or women's voices, and are designed to develop vocal techniques and the ability to sing parts.

**Grade Levels: 9-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4021/4022****Fiero Choir (Formerly A Cappella)****Prerequisite: Audition and Teacher approval****State Course Code: 05111**

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo singing ability and emphasize several ensemble literature styles.

**Grade Levels: 10-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4011/4012****Corragiosa Choir (Formerly Treble Singers)****Prerequisite: Audition and Teacher approval****State Course Code: 05111**

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo singing ability and emphasize several ensemble literature styles.

**Grade Levels: 10-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4051/4052**

**Valoroso Choir (Formerly Tenor/Bass Singers)****Prerequisite: Audition and Teacher approval****State Course Code: 05111**

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo singing ability and may emphasize one or several ensemble literature styles.

**Grade Levels: 10-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4071/4072****Independent Study in Music****Prerequisite: Teacher approval****State Course Code: 05147**

Independent Study courses, often conducted with instructors, professional musicians, or voice coaches as mentors, enable students to explore music-related topics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

**Grade Levels: 10-12****Term: Semester****BSHS Graduation Credit: Performing Art****Local Course Code: PA4091****General Band****Prerequisite: Teacher approval****State Course Code: 05101**

General Band courses develop students' technique for playing brass, woodwind, and percussion instruments, and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles). This course incorporates three different activities: marching band, concert band, and basketball band. Attendance will be required at all performances and is required for purposes of class grade and letter requirements.

**Grade Levels: 9-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4031/4032****Jazz Ensemble****Prerequisite: Teacher approval****State Course Code: 05101**

Jazz Band is an exciting and dynamic high school music ensemble that offers students the opportunity to immerse themselves in the world of jazz music. This course primarily focuses on performance, emphasizing big band jazz tunes and improvisation, with the goal of fostering creativity, musical proficiency, and a deep appreciation for this unique American art form.

**Grade Levels: 9-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4061/4062****Music Appreciation****Prerequisite: None****State Course Code: 05116**

This class studies different musical styles/periods and their effect on music today while increasing students' enjoyment of musical styles and/or developing their artistic or technical judgment. Students will identify different music styles and periods while learning about music notation and theory.

**Grade Levels: 9-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4041****Debate****Prerequisite: None****State Course Code: 01153**

Debate develops communication skills, critical thinking and the ability to serve as an advocate in a democratic society. Students research a topic and prepare arguments for and against a resolution. The class requires time for research, preparation and competition outside of class. \*May once take each year\*

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Performing Art****Local Course Code: EL4121****Forensics - Acting/Speaking****Prerequisite: None****State Course Code: 01152**

This second semester class covers the fundamentals of forensics which include oral interpretation, humorous interpretation, informative speaking, original oratory, extemporaneous speaking, Lincoln-Douglas debate and duet acting. Students enrolled in Forensics automatically become members of the forensics team and are required to participate in weekend tournaments for class credit. Students are asked to choose play cuttings and performance material for competitions. Tournaments are usually scheduled all day on Saturdays. \*May once take each year\*

**Grade Levels: 9-12****Term: Semester****BSHS Graduation Credit: Performing Art****Local Course Code: EL4131**

**Drama – Comprehensive****Prerequisite: None****State Course Code: 05053****Grade Levels: 9-12****Term: Year****BSHS Graduation Credit: Performing Art****Local Course Code: PA4081/4082**

Drama Comprehensive courses are intended to help develop students' experience and skill in one or more aspects of theatrical production. Initial courses are usually introductory in nature, providing an overview of the features of drama such as acting, set design, stage management, and so on. The more advanced courses concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. These courses may also provide a discussion of career opportunities in theater.

# WORLD LANGUAGES

## **Spanish I**

**Prerequisite:** None

**State Course Code:** 06101

Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

**Grade Levels:** 9-12

**Term:** Year

**BSHS Graduation Credit:** General Elective

**Local Course Code:** WL4011/4012

## **Spanish II**

**Prerequisite:** Spanish I

**State Course Code:** 06102

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

**Grade Levels:** 10-12

**Term:** Year

**BSHS Graduation Credit:** General Elective

**Local Course Code:** WL4021/4022

## **Spanish III**

**Prerequisite:** Spanish II

**State Course Code:** 06103

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

**Grade Levels:** 11-12

**Term:** Year

**BSHS Graduation Credit:** Performing Art

**Local Course Code:** WL4051/4052

## **Spanish IV**

**Prerequisite:** Spanish III

**State Course Code:** 06104

Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

**Grade Levels:** 12

**Term:** Year

**BSHS Graduation Credit:** Performing Art

**Local Course Code:** WL4061/4062

## **Spanish for Native Speakers**

**Prerequisite:** Be a fluent Spanish speaker

**State Course Code:** 06106

Spanish for Heritage Speakers courses support, reinforce, and expand students' knowledge of their own tongue. Because students understand at least the rudiments and structure of the language and have a working vocabulary (to a greater or lesser degree), Spanish for Heritage Speakers courses often move faster than do regular Spanish foreign language courses and emphasize literary development (with a study of literature and composition). These courses may also include the culture or history of the people and introduce translation skills. *This course can be taken twice for credit.*

**Grade Levels:** 9-12

**Term:** Year

**BSHS Graduation Credit:** General Elective

**Local Course Code:** WL4031/4032

# GENERAL ELECTIVES

## **Preparing for College**

**Prerequisite: None**

**State Course Code: 22001**

This class is for students who are college bound and who want to prepare for standardized college entrance exams, such as the ACT/SAT/Accuplacer, increase reading speed and comprehension, learn college-level vocabulary, and fine-tune grammar and essay writing skills. Specific projects will involve writing a resume and cover letter, searching for and writing scholarship essays, mastering basic college visit and interview protocols, and doing independent college, career, and scholarship research. Fall semester is dedicated to college-bound seniors, while spring semester is reserved for college-bound juniors.

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: General Elective**

**Local Course Code: BS4101**

## **Financial Literacy**

**Prerequisite: None**

**State Course Code: 22990**

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

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: Required**

**Local Course Code: IN4101**

## **Academic Success**

**Prerequisite: None**

**State Course Code: 22207**

Self-Management courses like this introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

**Grade Levels: 9-12**

**Term: Year**

**BSHS Graduation Credit: General Elective**

**Local Course Code: IN4111/4112**

## **Student Assistant**

**Prerequisite: None**

**State Course Code: 72295**

An elective class where students actively support the school staff by performing clerical tasks, assisting with classroom management, and providing support to other students, developing valuable workplace skills like organization, communication, and time management, while gaining practical experience in a school setting, often requiring a demonstrated commitment to responsible citizenship and a strong work ethic. \*Worth 0.5 credit per semester.\*

**Grade Levels: 10-12**

**Term: Semester**

**BSHS Graduation Credit: General Elective**

**Local Course Code: IN4051**

## **Student Aide**

**Prerequisite: None**

**State Course Code: 72295**

An elective class where students actively support the school staff by performing clerical tasks, assisting with classroom management, and providing support to other students, developing valuable workplace skills like organization, communication, and time management, while gaining practical experience in a school setting, often requiring a demonstrated commitment to responsible citizenship and a strong work ethic. \*Worth 0.25 credit per semester.\*

**Grade Levels: 11-12**

**Term: Semester**

**BSHS Graduation Credit: General Elective**

**Local Course Code: IN4041**

# SPECIAL SERVICES

## **Advanced Studies**

**Prerequisite: Teacher approval**

**State Course Code: 22001**

Students must be in the Wyandotte County Gifted Program and must have a current IEP on file. A limited number of non-identified students will be allowed to enroll. These students must be in the top 1/3 of their graduating class. Permission of the instructor is required. Students will, and research/apply for colleges, careers, and scholarships of interest. They will also work to improve vocabulary, grammar, reading, math, and essay writing skills. Community or school service is required.

**Grade Levels: 9-12**

**Term: Semester**

**BSHS Graduation Credit: General Elective**

**Local Course Code: SP4021**

## **English as a Second Language**

**Prerequisite: Teacher placement**

**State Course Code: 01008**

This course is available to students for whom English is not their first language. Students receive individualized tutoring and instruction in their subject areas with an emphasis on oral and written language. Enrollment in the class is contingent upon approval of the ESL instructor and a counselor.

**Grade Levels: 9-12**

**Term: Year**

**BSHS Graduation Credit: General Elective**

**Local Course Code: EL4041/4042**

## **Interrelated Course**

**Term: Semester**

**Grade Levels: 9-12**

**Prerequisite: Teacher approval**

Since it is our belief that all students will have the opportunities to be successful, we have a variety of courses provided for students with Individual Educational Plans (IEP) showing a need for special instruction. These courses fall under the category of Interrelated (INT) courses.

## **Success Center Courses**

**Term: Semester**

**Grade Levels: 9-12**

**Prerequisite: Teacher approval**

The Success Center offers a variety of online learning opportunities for students who need both core and elective classes. All courses are self-paced, proficiency based, and aligned with Kansas state standards. Because of limited class size interested students must go through an approval process. Online classes may be taken during the school day or as independent study outside of regular school hours. To ensure adequate progress, most students must study beyond the normal school day. Therefore, although not required, access to a home computer with Internet is highly recommended. Online courses require about the same amount of work as regular high school classes. However, online learning demands a greater degree of self-motivation from the student. Each Success Center student is responsible for his or her academic progress and complete coursework at an accelerated pace in order to recover or earn needed credits.

# CAREER AND TECHNICAL EDUCATION PATHWAYS

Technological advances and global competition have transformed the nature of work. Tomorrow's jobs will require more knowledge, better skills, and highly flexible workers who continually update their knowledge and skills. Our goal is to provide students with relevant contexts for learning through pathways to college and career readiness. When it comes to finding a rewarding career, students need to be knowledgeable about their interests and abilities, what work environment they prefer, their post high school educational plans, and what income they would like to earn. BSHS realizes the process of finding that ideal career begins **now** because where you start can have an impact on where you are headed. The Career Cluster Pathways are designed to provide a smooth transition from high school to postsecondary education (technical colleges, community colleges and universities), apprenticeship opportunities, the military, and/or the workplace. BSHS pathways are designed for students to begin their pathway strand during freshman year and continue through their junior/senior year of high school.

Students who are pathway completers MAY be exempt from introductory courses when they attend college.

## **CAREER CLUSTERS TERMINOLOGY**

As you begin your pathway it is important to have some common terms and definitions that are used consistently within the district.

**APPLICATION LEVEL COURSE:** An advanced level course that builds on the technical level.

**CAREER PATHWAY:** Represents a grouping of occupations within a cluster that share a base level of common knowledge and skill.

**COMPLETER:** A student/learner who has earned 3 credits in an approved CTE Career Clusters Pathway. For a student to be a concentrator, at least 2 of 3 required secondary level credits taken must be a combination of technical and application levels.

**CROSSWALK (COMMON) COURSE:** A course that is approved for inclusion in more than one Career Cluster pathway.

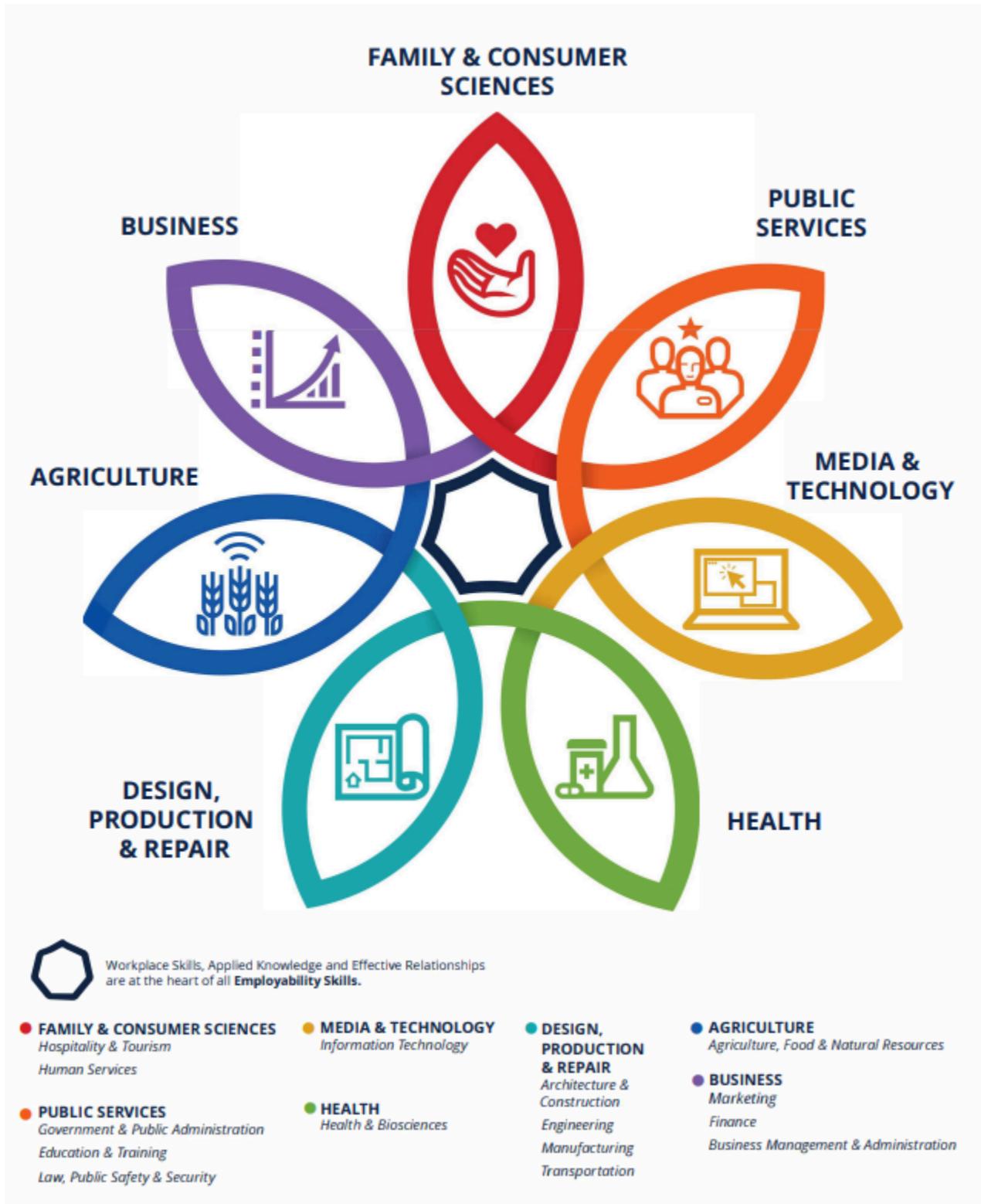
**INTRODUCTORY LEVEL COURSE:** An introduction to a specific or multiple clusters or pathways that require similar foundation knowledge and skills.

**PLAN OF STUDY:** Incorporates and aligns secondary and postsecondary education elements. It also includes opportunities for obtaining postsecondary credit. It helps students and parents in outlining courses the student will take during his or her high school years.

**TECHNICAL LEVEL COURSE:** A course that builds on the knowledge and skills learned in the introductory level course, with a focus on acquiring practical technical skills specific to the cluster/pathway.

**21st CENTURY SKILLS:** Skills that are essential for workplace/career success; including: critical thinking/problem solving skills, communication skills, creativity & innovation skills, collaboration skills, information and media literacy skills, and contextual learning skills.

# CAREER AND TECHNICAL EDUCATION PATHWAYS



# CTE PATHWAY WORKPLACE EXPERIENCES

Opportunities for internships/workplace experiences are available in the following pathways. In order to participate in an internship and/or workplace experience, students must meet the requirements set by the Internship and Workplace Experience Handbook.

## **Marketing Workplace Experience**

**0.5 Credit**

**KS Course Code 12198**

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

## **Bioscience Workplace Experience**

**1 Credit**

**KS Course Code 14998**

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

## **Health Care Work Experience**

**1 Credit**

**KS Course Code 36992**

Health Science IV - Students are required to rotate through a career from each of the five pathways for a Health Science Education cluster. Work experience only is developed to provide a rotational clinical/shadowing experience for the students at a variety of settings (i.e., dentist office, Therapeutic; occupational therapy, diagnostic; social worker, Health Informatics; interpreter, Support Services; pharmacy, Biotechnology). Goals are typically set cooperatively by the student, parents, teacher and employer. The work experience may be paid or unpaid.

## **Health Care Work Experience**

**2 Credits**

**KS Course Code 36993**

Health Science V - Students are required to rotate through a career from each of the five pathways for a Health Science Education cluster. Work experience only is developed to provide a rotational clinical/shadowing experience for the students at a variety of settings (i.e., dentist office, Therapeutic; occupational therapy, diagnostic; social worker, Health Informatics; interpreter, Support Services; pharmacy, Biotechnology). Goals are typically set cooperatively by the student, parents, teacher and employer. The work experience may be paid or unpaid. Additional course content may include but is not limited to leadership skills and research of personal career interests in healthcare.

## **Workplace Experience in Finance**

**1 Credit**

**KS Course Code 12148**

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

## **Workplace Experience in Engineering**

**0.5 Credit**

**KS Course Code 41048**

Application level workplace experience /internship completed by students at a business location or within the school that is an engineering occupational experience.

## **Workplace Experience in Engineering - Comprehensive**

**1 Credit**

**KS Course Code 21048**

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

## **Graphic Design Workplace Experience**

**1 Credit**

**KS Course Code 10248**

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

## **Workplace Experience in Architecture and Construction**

**1 Credit**

**KS Course Code 38100**

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

## **Business Management and Entrepreneurship Workplace Experience**

**1 Credit**

**KS Course Code 12098**

Business Management Workplace Experience courses provide students with work experience in fields related to business management. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students are able to take Business Management Workplace Experience as a .5 credit course or yearlong 1 credit course for a more in-depth study of the business management industry.

## **Work Experience in Manufacturing - Comprehensive**

**1 Credit**

**KS Course Code 13998**

An advanced research and application level course covering specific topics in manufacturing. Should include opportunities for Work-Based Learning (WBL) such as in-house training, job shadowing, and/or internships.

## **Culinary Workplace Experience**

**1 Credit**

**KS Course Code 16098**

This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based, community-based experience or work-based internship. Students enrolled in this course are expected to learn and practice skills in the culinary field so that they can apply them in work-based experiences following industry standards and regulations.

# AUTOMATION ENGINEERING PATHWAY

<b>Technical Level Courses</b>	<b>Career Options</b>
<p><b>Production Welding Processes I ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Year</b>      <b>Prerequisite: None</b>  <b>State Course Code: 39207</b>      <b>Local Course Code: IT4071/4072</b>                      A comprehensive course designed to provide students with knowledge and skills in basic welding theories and terminology, to perform Oxy-fuel and Arc Welding activities in the F &amp; H positions, and to perform Non-destructive testing activities.</p> <p><b>Robotics I ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-12</b>      <b>Term: Year</b>      <b>Prerequisite: None</b>  <b>State Course Code: 21009</b>      <b>Local Course Code: IT4161/4162</b>                      Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical &amp; motor controls, pneumatics, computer basics, &amp; programmable logic controllers.</p>	<p>Aeronautical Engineer</p> <p>Aerospace Engineer</p> <p>Application Engineer</p> <p style="text-align: center;">Applied Mathematician</p> <p>Architectural Engineer</p> <p style="text-align: center;">Civil Engineer</p> <p>Construction Engineer</p> <p style="text-align: center;">Electrical Engineer</p> <p>Electronics Technician</p> <p style="text-align: center;">Energy Transmission Engineer</p> <p style="text-align: center;">Industrial Engineer</p> <p style="text-align: center;">Materials Analyst</p> <p style="text-align: center;">Materials Engineer</p> <p style="text-align: center;">Materials Lab &amp; Supply Technician</p> <p>Mechanical Engineer</p> <p style="text-align: center;">Plastics Engineer</p> <p style="text-align: center;">Project Manager</p> <p style="text-align: center;">Scientific Visualization</p>
<p style="text-align: center;"><b>Application Level Courses</b></p> <p><b>Computer Integrated Manufacturing ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Year</b>      <b>Prerequisite: Robotics I</b>  <b>State Course Code: 21010</b>      <b>Local Course Code: IT4171/4172</b>                      Computer Integrated Manufacturing courses involve the study of robotics and automation. Building on computer solid modeling skills, students may use computer numerical control (CNC) equipment to produce actual models of their three- dimensional designs. Course topics may also include fundamental concepts of robotics, automated manufacturing, and design analysis.</p> <p><b>Robotics II ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Semester</b>      <b>Prerequisite: Robotics I</b>  <b>State Course Code: 38009</b>      <b>Local Course Code: IT4301</b>                      Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical &amp; motor controls, pneumatics, computer basics, &amp; programmable logic controllers.</p> <p><b>Workplace Experience in Engineering</b>  <b>0.5 Credit</b>  <b>KS Course Code 41048</b>                      Application level workplace experience /internship completed by students at a business location or within the school that is an engineering occupational experience.</p> <p><b>Workplace Experience in Engineering - Comprehensive</b>  <b>1 Credit</b>  <b>KS Course Code 21048</b>                      Engineering—Workplace Experience courses provide students with work experience in an engineering-related field. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.</p>	

## Articulation Agreement

*Students who successfully complete select courses within the Engineering and Applied Mathematics pathway will receive college credit at Fort Hays State University.*

# BIOTECHNOLOGY PATHWAY

## Introductory Level Courses

### Chemistry

**BSHS Credit: Science**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: Algebra I**

**State Course Code: 03101**

**Local Course Code: SC4021/4022**

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas, equations and nuclear reactions are also studied.

## Technical Level Courses

### Anatomy & Physiology

**BSHS Credit: Science**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Biology/Chem.**

**State Course Code: 03053**

**Local Course Code: SC4051/4052**

Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present 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.

*Biomedical Strand*

### Robotics I ♦

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 21009**

**Local Course Code: IT4161/4162**

Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical & motor controls, pneumatics, computer basics, & programmable logic controllers.

## Application Level Courses

### Bioscience Workplace Experience

**1 Credit**

**KS Course Code 21048**

**Local Course Code: SC4131/4132**

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

## Articulation Agreement

*Successful completion of select Biotechnical Pathway courses will result in the student being awarded introductory college credit at Cloud County Community College or Washburn University.*

## Career Options

- Biologist
- Biomedical Engineer
- Consultant
- Ecologist
- Environmental Engineer
- Facilities Technician
- Geneticist
- Lab Technician
- Microbial Physiologist
- Nutritionist
- Organic Chemist
- Pharmaceutical Engineer
- Radiology Engineer
- Research Chemist
- Research Technician

# BUSINESS FINANCE PATHWAY

<b>Introductory Level Courses</b>	<b>Career Options</b>
<p><b>Business Essentials</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-11</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12050</b>                      <b>Local Course Code: BS4021</b></p> <p>This course is designed to give students an overview of the business, marketing and finance career cluster. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior; acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.</p>	<p>Abstractor</p> <p>Accountant</p> <p>Actuary</p> <p>Bill &amp; Account Collector</p> <p>Commodities Representative</p>
<p style="text-align: center;"><b>Technical Level Courses</b></p> <p><b>Entrepreneurship</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12053</b>                      <b>Local Course Code: BS4051</b></p> <p>Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.</p> <p><b>Accounting</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12104</b>                      <b>Local Course Code: BS4041/4042</b></p> <p>Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.</p> <p><b>Business Law</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 04164</b>                      <b>Local Course Code: BS4131</b></p> <p>Business Law courses present a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as future business leaders and employees. Such topics may include contracts, commercial paper and debt instruments, property rights, employer/employee relationships, and constitutional rights and responsibilities.</p>	<p>Controller</p> <p>Credit Analyst</p> <p>Debt Collector</p> <p>Economist</p> <p>Foreign Exchange Manager</p> <p>Fundraiser</p> <p>Insurance Broker</p> <p>Internal Auditor</p> <p>Loan Officer</p> <p>Non-Profit Manager</p> <p>Tax Examiner</p> <p>Title Researcher and Examiner</p> <p>Treasurer</p>
<p style="text-align: center;"><b>Application Level Courses</b></p> <p><b>Workplace Experience in Finance</b>  <b>KS Course Code 12148</b>                      <b>1 Credit</b></p> <p>Finance—Workplace Experience courses provide students with work experience in fields related to finance. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.</p>	<p>Trust Officer</p>

## Articulation Agreement

*Successful completion of select Finance Career Cluster Pathway courses will result in the student being awarded introductory college credit at Barton Community College, Cloud County Community College, or Washburn University.*

# BUSINESS MANAGEMENT & ENTREPRENEURSHIP PATHWAY

	<b>Career Options</b>
<b>Introductory Level Courses</b>	
<p><b>Business Essentials</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-11</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12050</b>                      <b>Local Course Code: BS4021</b></p> <p>This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior; acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful.</p>	<p>Advertising</p> <p>Auditor</p> <p>Business Consultant</p> <p>Certified Public Accountant (CPA)</p> <p>Corporate Trainer</p>
<b>Technical Level Courses</b>	
<p><b>Entrepreneurship</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12053</b>                      <b>Local Course Code: BS4051</b></p> <p>Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.</p>	<p>E-Commerce Analyst</p> <p>Entrepreneur</p> <p>Facilities Manager</p> <p>Finance Director</p> <p>Human Resources Manager</p>
<p><b>Business Management</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12052</b>                      <b>Local Course Code: BS4031</b></p> <p>Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.</p>	<p>Investment Executive</p> <p>Marketing Analyst</p> <p>Office Manager</p> <p>Public Relations Manager</p>
<p><b>Accounting</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12104</b>                      <b>Local Course Code: BS4041/4042</b></p> <p>Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.</p>	<p>Sales Representative</p> <p>Wholesale &amp; Retail Buyer</p>
<p><b>Principles of Marketing</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12164</b>                      <b>Local Course Code: BS4061/4062</b></p> <p>Marketing courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics include market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship, human relations, computers, and economics are often covered as well.</p>	

## **Business Communications**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 12009**

**Local Course Code: BS4151**

Business Communications courses help students develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.

## **Business Law**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 04164**

**Local Course Code: BS4131**

Business Law courses present a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as future business leaders and employees. Such topics may include contracts, commercial paper and debt instruments, property rights, employer/employee relationships, and constitutional rights and responsibilities.

### **Supportive Entrepreneurship**

*Students may take up to ONE CREDIT of Supportive Entrepreneurship Technical Courses to become a completer and/or concentrator.*

## **Culinary Essentials**

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 16052**

**Local Course Code: FC4071**

This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.

## **General Carpentry I ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 17002**

**Local Course Code: IT4051/4052**

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

## **Drafting/CAD (Engineering I) ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 21107**

**Local Course Code: IT4121/4122**

Drafting/CAD courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on sectioning, auxiliary views, revolutions, and surface development. In these courses, students typically learn basic machining and fabrication processes as they draw schematic diagrams featuring cams, gears, linkages, levers, pulleys, and so on.

## **Welding Processes I ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 39207**

**Local Course Code: IT4071/4072**

A comprehensive course designed to provide students with knowledge and skills in basic welding theories and terminology, to perform Oxy-fuel and Arc Welding activities in the F & H positions, and to perform Non-destructive testing activities.

### **2D Animation (Computer Graphics ) ♦**

**BSHS Credit: Tech/Fine Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 10202**

**Local Course Code: IT4221/4222**

Computer Graphics courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

### **Engineering Design & Development ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: Robotics I**

**State Course Code: 21007**

**Local Course Code: IT4141/4142**

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

## **Application Level Courses**

### **Applied Business Development ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher approval**

**State Course Code: 32200**

**Local Course Code: BS4161/4162**

In this capstone course, Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

### **Business Management and Entrepreneurship Workplace Experience**

**1 Credit**

**KS Course Code 12098**

Business Management Workplace Experience courses provide students with work experience in fields related to business management. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students are able to take Business Management Workplace Experience as a .5 credit course or yearlong 1 credit course for a more in-depth study of the business management industry.

## **Articulation Agreement**

*Successful completion of select Business Entrepreneurship & Management Pathway courses will result in the student being awarded introductory college credit at Kansas City Kansas Community College, Barton Community College, or Washburn University.*

# CONSTRUCTION AND DESIGN PATHWAY

## Technical Level Courses

### *Construction Strand*

#### **Woodworking Principles ♦**

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**Term:** Year

**Prerequisite:** None

**State Course Code:** 17007

**Local Course Code:** IT4031/4032

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.

#### **General Carpentry I ♦**

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**Term:** Year

**Prerequisite:** None

**State Course Code:** 17002

**Local Course Code:** IT4051/4052

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

### *Design Strand*

#### **Drafting/CAD (Engineering I) ♦**

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-12

**Term:** Year

**Prerequisite:** None

**State Course Code:** 21107

**Local Course Code:** IT4121/4122

Drafting/CAD courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on sectioning, auxiliary views, revolutions, and surface development. In these courses, students typically learn basic machining and fabrication processes as they draw schematic diagrams featuring cams, gears, linkages, levers, pulleys, and so on.

#### **Drafting Architecture I ♦**

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-12

**Term:** Year

**Prerequisite:** None

**State Course Code:** 21103

**Local Course Code:** IT4131/4132

Architectural courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from architectural applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on interior and exterior residential (and light commercial) design, site orientation, floor plans, electrical plans, design sketches, and presentation drawings. In addition, students may prepare scale models.

## Career Options

- Architect
- Carpenter
- Civil Engineer
- Construction Foreman/Manager
- Contractor
- Demolition Engineer
- Drafter
- Drywall Installer
- Electrician
- Equipment/Material Manager
- General Contractor/Builder
- Mechanic
- Painter
- Plumber
- Project Estimator
- Roofer

### **Interior Design I**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 19263**

**Term: Semester**

**Local Course Code: FC4161**

**Prerequisite: Essentials of FAID**

Interior Design courses provide students with knowledge and skills regarding interior design. While exploring design principles, personal needs and style and decision making, students may have an opportunity to explore such topics as color, texture, furniture styles and arrangement, lighting, window treatments, floor, wall coverings and home improvement/modification.

### **Interior Design II**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 22212**

**Term: Semester**

**Local Course Code: FC4162**

**Prerequisite: Interior Design I**

An application level course designed to instruct students in skills necessary to design interior spaces that apply design elements and principles to spaces for residential and special needs (e.g. single family homes, multi-family structures, homes for special needs, child care centers, retirement homes, etc.). Topics will include meeting client's needs, legislated codes, historic considerations, current and future trends, and public policy.

## **Application Level Courses**

### **Advanced Materials & Fabrication (Formerly Furniture and Cabinetry Fabrication) ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 38007**

**Term: Year**

**Local Course Code: IT4291/4292**

**Prerequisite: Woodworking Principles**

An advanced level application course designed to provide students with experience in constructing cases, cabinets, counters, furniture and interior woodwork.

### **General Carpentry II ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**State Course Code: 38002**

**Term: Year**

**Local Course Code: IT4061/4062**

**Prerequisite: General Carpentry I**

A course designed to instruct students in the skills required for residential remodeling and maintenance.

### **Research and Design for Pre-Construction (Architecture Design II) ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 21109**

**Term: Year**

**Local Course Code: IT4101/4102**

**Prerequisite: Drafting Architecture I**

Advanced research and application course that covers specific topics in design & pre-construction (drafting/architecture) to include management and "green design" skills.

### **Workplace Experience in Architecture and Construction**

**1 Credit**

**KS Course Code 38100**

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

## **Articulation Agreement**

*Students who successfully complete select courses in the Construction and/or Design Pathway will receive introductory college credit at Fort Hays State University or Washburn University Institute of Technology.*

# CORRECTIONS, SECURITY, LAW, AND LAW ENFORCEMENT SERVICES PATHWAY

<b>Technical Level Courses</b>	<b>Career Options</b>
<p><b>Law Enforcement I</b>  <b>BSHS Credit: General Elective</b>  <b>Grade Levels: 9-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 44200</b>            <b>Local Course Code: FC4181/4182</b>                      The first of two courses designed to provide students with the skills and knowledge necessary to obtain entrance to the Law Enforcement or Highway patrol Academy.</p> <p><b>Forensic Science</b>  <b>BSHS Credit: Science</b>  <b>Grade Levels: 9-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: Biology</b>  <b>State Course Code: 44225</b>            <b>Local Course Code: FC4201/4202</b>                      An application level course that follows a background in biology and chemistry and provides students with a basic knowledge and skills needed to pursue postsecondary training in LPSS careers requiring Forensic Science (ie., Forensic Anthropology, Forensic Medicine, Medical Examiner).</p>	<p>Correctional Treatment Specialists</p> <p>EMT</p> <p>Firefighter</p> <p>Lawyer/Attorney</p> <p>Paralegal</p> <p>Paramedic</p> <p>Police Officer</p> <p>Probation Officer</p> <p>Security</p>
<p style="text-align: center;"><b>Application Level Courses</b></p> <p><b>Law Enforcement II ♦</b>  <b>BSHS Credit: Social Science</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: Law Enf. I State</b>  <b>Course Code: 44201</b>                      <b>Local Course Code: FC4191/4192</b>                      The second of two courses designed to provide students with the skills and knowledge necessary to obtain entrance to the Law Enforcement or Highway Patrol Academy.</p> <p><b>Law, Public Safety, and Security Internship ♦</b>  <b>BSHS Credit: Social Science</b>  <b>Grade Levels: 11-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: Teacher</b>  <b>State Course Code: 44298</b>            <b>Local Course Code: FC4211</b>                      <b>Approval</b>                      An application level course designed to provide LPSS students with opportunities to apply skills learned in the pathway to real-life situations in various LPSS careers.</p>	

## Articulation Agreement

*Students who successfully complete the Corrections, Security, Law, and Law Enforcement Services pathway will receive introductory college credit at Emporia State University, Washburn University or Wichita Area Technical College.*

# FAMILY, COMMUNITY, AND CONSUMER SERVICES PATHWAY

## Technical Level Courses

### Human Growth & Development - Early Years

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 45004**

**Local Course Code: FC4021**

Human Growth and Development A provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

### Family Studies

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 19255**

**Local Course Code: FC4041**

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood, the function of the family unit, and various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, & preparation for responsibilities of a family member & wage earner.

### Culinary Essentials

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 16052**

**Local Course Code: FC4071**

This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.

### Leadership - Service in Action

**BSHS Credit: General Elective**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: StuCo Member**

**State Course Code: 19257**

**Local Course Code: FC4171**

Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary laws and procedures, organization and management, and group dynamics.

## Career Options

- Career Counselor
- Clinical Counselor
- Customer Service
- Daycare Worker
- Family and Consumer Science Teacher
- Fitness Instructor
- Grief Counselor
- Marriage/Family Therapist
- Personal Care Aide
- Residential Advisor
- School Counselor
- School Psychologist
- Social and Human Service Assistant
- Social Worker

## Application Level Courses

### Career & Community Connections ♦

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher Approval**

**State Course Code: 19297, 19298** **Local Course Code: FC4091/4092**

Career and Community Connections is the Application level course for the learner to apply technical skills in a professional learning experience, unpaid or paid, outside or within the school environment. Included will be continued development and finalization of the student's portfolio. Career and Community Connections provides the opportunity for learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace.

## Articulation Agreement

*Students who attain concentrator status within the Family, Community, & Consumer Service pathway will receive college credit at Pittsburg State University and Washburn University or Washburn University Institute of Technology.*

# MANUFACTURING PATHWAY

Technical Level Courses	Career Options
<p><b>Drafting/CAD ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-12</b>      <b>Term: Year</b>      <b>Prerequisite: None</b>  <b>State Course Code: 21107</b>      <b>Local Course Code: IT4121/4122</b>                      Drafting/CAD courses introduce students to and help them refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. These courses are intended to help students develop general drafting skills, but place a particular emphasis on sectioning, auxiliary views, revolutions, and surface development. In these courses, students typically learn basic machining and fabrication processes as they draw schematic diagrams featuring cams, gears, linkages, levers, pulleys, and so on.</p>	Assembler  Boilermaker  Design Engineer  Environmental Engineer  Foundry Worker  Freight, Stock, and Material Mover  Health and Safety Representative  Industrial Machinery Mechanic  Inspector  Labor Relations Manager  Manufacturing Technician  Pattern and Model Maker  Production Manager  Quality Control Technician  Safety Engineer  Welder
<p><b>Robotics I ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-12</b>      <b>Term: Year</b>      <b>Prerequisite: None</b>  <b>State Course Code: 21009</b>      <b>Local Course Code: IT4161/4162</b>                      Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical &amp; motor controls, pneumatics, computer basics, &amp; programmable logic controllers.</p>	
<p><b>Production Welding Processes I ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Year</b>      <b>Prerequisite: None</b>  <b>State Course Code: 39207</b>      <b>Local Course Code: IT4071/4072</b>                      A comprehensive course designed to provide students with knowledge and skills in basic welding theories and terminology, to perform Oxy-fuel and Arc Welding activities in the F &amp; H positions, and to perform Non-destructive testing activities.</p>	
Application Level Courses	
<p><b>Welding Processes II ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 11-12</b>      <b>Term: Year</b>      <b>Prerequisite: Prod. Welding I</b>  <b>State Course Code: 39208</b>      <b>Local Course Code: IT4081/4082</b>                      An application level course designed to instruct students in the knowledge and skills needed for solving fabrication problems, to weld joints in the V &amp; OH positions, and perform Plasma cutting.</p>	
<p><b>Advanced Drafting/CAD (Engineering II) ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Year</b>      <b>Prerequisite: Drafting/CAD</b>  <b>State Course Code: 21150</b>      <b>Local Course Code: IT4151/4152</b>                      An advanced, application level course designed to build on and apply the skills learned in Drafting/CAD.</p>	
<p><b>Advanced Materials &amp; Fabrication (Formerly Furniture &amp; Cabinetry Fabrication) ♦</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>      <b>Term: Year</b>      <b>Prerequisite: Woodworking Prin.</b>  <b>State Course Code: 38007</b>      <b>Local Course Code: IT4291/4292</b>                      An advanced level application course designed to provide students with experience in constructing cases, cabinets, counters, furniture and interior woodwork.</p>	

**Work Experience in Manufacturing - Comprehensive**

**1 Credit**

**KS Course Code 13998**

An advanced research and application level course covering specific topics in manufacturing. Should include opportunities for Work-Based Learning (WBL) such as in-house training, job shadowing, and/or internships.

**Articulation Agreement**

*Students who complete the Manufacturing pathway may qualify for corresponding entry level course credit at Manhattan Area Technical College, Northwest Kansas Technical College or North Central Kansas Technical College.*

# MARKETING PATHWAY

## Introductory Level Courses

### Business Essentials

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-11

**State Course Code:** 12050

**Term:** Semester

**Local Course Code:** BS4021

**Prerequisite:** None

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior; acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful.

## Technical Level Courses

### Principles of Marketing

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**State Course Code:** 12164

**Term:** Year

**Local Course Code:** BS4061/4062

**Prerequisite:** None

Marketing courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship, human relations, computers, and economics are often covered as well.

### Business Management

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**State Course Code:** 12052

**Term:** Semester

**Local Course Code:** BS4031

**Prerequisite:** None

Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.

### Business Communications

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**State Course Code:** 12009

**Term:** Semester

**Local Course Code:** BS4151

**Prerequisite:** None

Business Communications courses help students develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application.

### Sports and Entertainment Marketing

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-12

**State Course Code:** 12163

**Term:** Semester

**Local Course Code:** BS4141

**Prerequisite:** None

Sports & Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies & equipment.

## Career Options

Advertising

Brand Manager

Content Manager

Digital Manager

Event Marketer

Market Researcher

Media Buyer

Public Relations

Search Engine  
Marketer

Social Media Manager

### **Audio/Video Production (Intro to Video Production)**

**BSHS Credit: Tech/Visual Arts**

**Grade Levels: 9-11**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 30103**

**Local Course Code: MD4021**

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

### **Accounting**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: None**

**State Course Code: 12104**

**Local Course Code: BS4041/4042**

Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Advanced topics may include elementary principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process.

### **Entrepreneurship**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Semester**

**Prerequisite: None**

**State Course Code: 12053**

**Local Course Code: BS4051**

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

## **Application Level Courses**

### **Marketing Applications ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher Approval**

**State Course Code: 35300**

**Local Course Code: BS4111/4112**

Marketing Applications furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem solving situations for which they must apply academic and critical-thinking skills.

### **Marketing Workplace Experience**

**0.5 Credit**

**KS Course Code 12198**

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

## **Articulation Agreement**

*Students who complete the Marketing pathway may qualify for corresponding entry level course credit at Washburn University or Kansas City Kansas Community College.*

# MEDIA DESIGN & COMMUNICATIONS PATHWAY

## Technical Level Courses

### Journalism & Media Communications (Intro to Journalism)

**BSHS Credit:** Tech/Visual Arts

**Grade Levels:** 9-11

**Term:** Semester

**Prerequisite:** None

**State Course Code:** 30100

**Local Course Code:** MD4011

During this course, students will learn and demonstrate skills in interviewing, reporting, journalistic writing and digital media storytelling. Students will also explore and analyze the role of journalism and the influence of media in society as well as the ethical and legal issues related to the field. This course is a prerequisite for a position on the yearbook or newspaper staff.

### Audio/Video Production (Intro to Video Production)

**BSHS Credit:** Tech/Visual Arts

**Grade Levels:** 9-11

**Term:** Semester

**Prerequisite:** None

**State Course Code:** 30103

**Local Course Code:** MD4021

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

### Photo Imaging

**BSHS Graduation Credit:** Tech/Visual Arts

**Grade Levels:** 10-12

**Term:** Semester

**Prerequisite:** None

**State Course Code:** 30105

**Local Course Code:** MD4061

Photo Imaging teaches the technical skills need to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images.

### Graphic Design (Yearbook) ♦

**BSHS Credit:** Tech/Visual Arts

**Grade Levels:** 10-12

**Term:** Year

**Prerequisite:** Teacher approval

**State Course Code:** 30102

**Local Course Code:** MD4051/4052

Students in this course will contribute to the school yearbook. Students will sell advertising, determine and create written and visual content, adapting it to print and digital formats. Students will devote time outside of school to the production effort.

### Digital Media Technology (Newspaper) ♦

**BSHS Credit:** Tech/Visual Arts

**Grade Levels:** 10-12

**Term:** Year

**Prerequisite:** Teacher approval

**State Course Code:** 30104

**Local Course Code:** MD4031/MD4032

Students in this course will contribute to the school newspaper. Students will sell advertising, determine and create written and visual content, adapting it to print and digital formats. Students will devote time outside of school to the production effort. Can take more than once for credit.

### Computer Graphics (2D Animation) ♦

**BSHS Credit:** Tech/Visual Arts

**Grade Levels:** 10-12

**Term:** Year

**Prerequisite:** None

**State Course Code:** 10202

**Local Course Code:** IT4221/4222

Computer Graphics courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Typical course topics include modeling, simulation, animation, and image retouching.

## Career Options

Actor

AV Designer

AV Engineer

Broadcast Technician

Commercial Artist

Computer Animator

Curator/Gallery  
Manager

Director/Coach

Fashion Designer

Journalist

Lithographer

Musician

Photographer

Printing Equipment  
Operator

Videographer

Web Page Designer

### **Gaming Concepts (Interactive Media) ♦**

**BSHS Credit: Tech Arts**

**Grade Levels: 9-12**

**Term: Year**

**Prerequisite: none**

**State Course Code: 10203**

**Local Course Code: IT4251/4252**

Gaming concepts furthers students demonstration of competency in motor skills; understanding movement concepts, principles, strategies, and tactics as they apply to the learning and performance of specific games; comprehending concepts related to health and preventative care in gamers; demonstrating the ability to use interpersonal communication skills that respect others in an online gaming environment; and analyzing the reciprocal influence of Esports, culture, media, technology, and other factors.

## **Application Level Courses**

### **TeePee Talk ♦**

**BSHS Credit: Tech/Visual Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: Teacher Approval**

**State Course Code: 30151**

**Local Course Code: MD4041/4042**

Students in this course will contribute to the school video broadcast shown weekly to the student body. Typically, students prepare and produce short programs, learning the technical aspects of the operation and how to evaluate programming and assess audience reaction and impact. Students will devote time outside of school to the production effort.

### **Sports Journalism ♦**

**BSHS Credit: Tech/Visual Arts**

**Grade Levels: 10-12**

**Term: Year**

**Prerequisite: Teacher approval**

**State Course Code: 31091**

**Local Course Code: MD4071/4072**

This is a hands-on course to provide students with the knowledge to write, edit, and cover sports stories for traditional and online media. While contributing regularly to bshsnew.com and the Pow Wow news magazine, students learn to write a variety of stories ranging from straight game coverage to profiles and breaking news. Students will also study the impact of sports on society and the history of sports journalism.

### **Applied Graphic Design (Yearbook Year 2) ♦**

**BSHS Credit: Tech/Visual Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher approval**

**State Course Code: 31090**

**Local Course Code: MD4081/4082**

Students in this course will contribute to the school yearbook. Students will sell advertising, determine and create written and visual content, adapting it to print and digital formats. Students will devote time outside of school to the production effort.

### **Graphic Design Workplace Experience**

**1 Credit**

**KS Course Code 10248**

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

## **Articulation Agreement**

*Students who successfully complete select courses within the Media Design & Communication pathway will receive college credit at Flint Hills Technical College, Kansas City Kansas Community College, or Washburn University.*

# RESTAURANT AND EVENT MANAGEMENT PATHWAY

<b>Introductory Level Courses</b>	<b>Career Options</b>
<p><b>Business Essentials</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-11</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12050</b>                      <b>Local Course Code: BS4021</b></p> <p>This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior; acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.</p>	<p>Baker</p> <p>Casino Manager</p> <p>Caterer</p> <p>Concierge</p> <p>Convention Services Manager</p> <p>Director of Tourism</p>
<p style="text-align: center;"><b>Technical Level Courses</b></p> <p><b>Culinary Essentials</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 9-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 16052</b>                      <b>Local Course Code: FC4071</b></p> <p>This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, meal management, correct use of food production equipment and production and facility management principles. Students will also begin to develop culinary skills for a variety of food products.</p> <p><b>Culinary Arts I and II</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year/Semester</b>                      <b>Prerequisite: Cul. Essn/Baking I</b>  <b>State Course Code: 16053,16055</b>                      <b>Local Course Code: FC4101/4112 and FC4241</b></p> <p>Culinary Arts will focus upon the skills generally recognized as important to the field of culinary arts. Topics will include plating, garnishes, soups, sauces and main dish presentation. Bakery and desserts will be introduced, but not the main focus on this course. Catering experiences may be included as well as observations of those already in the field that are responsible for these areas in food production or a culinary kitchen.</p> <p><b>Entrepreneurship</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Semester</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12053</b>                      <b>Local Course Code: BS4051</b></p> <p>Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.</p> <p><b>Principles of Marketing</b>  <b>BSHS Credit: Technical Arts</b>  <b>Grade Levels: 10-12</b>                      <b>Term: Year</b>                      <b>Prerequisite: None</b>  <b>State Course Code: 12164</b>                      <b>Local Course Code: BS4061/4062</b></p> <p>Marketing courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship, human relations, computers, and economics are often covered as well.</p>	<p>Event Planner</p> <p>Executive Chef</p> <p>Facilities Manager</p> <p>Museum Director</p> <p>Reservations Manager</p> <p>Owner/Manager</p> <p>Sports Promoter</p> <p>Theme Park Manager</p> <p>Tour and Travel Guide</p> <p>Travel Agent</p>

## **Baking & Pastry I**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Semester**

**Prerequisite: Culinary Essentials**

**State Course Code: 16056**

**Local Course Code: FC4111**

Baking & Pastry will focus upon the instruction and skill development related to bakery items. Topics may include study of grain production, nutrition values and product performance as well as the application to grain products. Baking experiences may include yeast breads, quick breads, cakes (and cake decoration) and other baked desserts, product outcomes using various flours and storage methods. An entrepreneurship experience may be part of this course.

## **Baking and Pastry II**

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**Term: Semester**

**Prerequisite: Baking and Pastry I**

**State Course Code: 16057**

**Local Course Code: FC4112**

This course builds upon the Baking and Pastry I course by refining and expanding skills of production management. Topics also include analyzing the scientific reactions during production and expanding the skill development to address the finer aspects of the field.

## **Application Level Courses**

### **Career & Community Connections ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher Approval**

**State Course Code: 19297, 19298 Local Course Code: FC4091/4241**

Career and Community Connections is the Application level course for the learner to apply technical skills in a professional learning experience, unpaid or paid, outside or within the school environment. Included will be continued development and finalization of the student's portfolio. Career and Community Connections provides the opportunity for learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace.

### **Applied Business Development ♦**

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**Term: Year**

**Prerequisite: Teacher approval**

**State Course Code: 32200**

**Local Course Code: BS4161/4162**

In this capstone course, Applied Business Development students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. These courses includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing a business.

### **Culinary Workplace Experience**

**1 Credit**

**KS Course Code 16098**

This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based, community-based experience or work-based internship. Students enrolled in this course are expected to learn and practice skills in the culinary field so that they can apply them in work-based experiences following industry standards and regulations.

## **Articulation Agreement**

*Students who successfully complete select courses within the Hospitality & Tourism Career Cluster, Restaurant & Event Management pathway will receive college credit at Kansas City Kansas Community College, or Flint Hills Technical College.*

# TEACHING/TRAINING PATHWAY

## Technical Level Courses

### Teaching as a Career

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 19151**

**Term: Year**

**Local Course Code: FC4011/4012**

**Prerequisite: None**

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

### Human Growth & Development - Early Years

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**State Course Code: 45004**

**Term: Semester**

**Local Course Code: FC4021**

**Prerequisite: None**

Human Growth and Development A provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

### Family Studies

**BSHS Credit: Technical Arts**

**Grade Levels: 9-12**

**State Course Code: 19255**

**Term: Semester**

**Local Course Code: FC4041**

**Prerequisite: None**

Family Living courses emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. These courses often emphasize (but are not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood, the function of the family unit, and various stages of life. They may also cover topics related to individual self-development, career development, personal awareness, & preparation for responsibilities of a family member & wage earner.

### Coaching & Leadership

**BSHS Credit: Technical Arts**

**Grade Levels: 10-12**

**State Course Code: 19154**

**Term: Semester**

**Local Course Code: FC4051**

**Prerequisite: Teacher Approval**

Course examines specific topics in education other than those already described, such as management of school-age children, rather than providing a general study of the teaching profession.

## Career Options

Child Care Provider

Coach

College Professor

Corporate Trainer

Principal

School Counselor

Superintendent

Teacher

## Application Level Courses

### Teaching Internship ♦

**BSHS Credit: Technical Arts**

**Grade Levels: 11-12**

**State Course Code: 19152**

**Term: Year**

**Local Course Code: FC4031/4032**

**Prerequisite: Teacher Approval**

Educational Methodology courses prepare students to teach and guide others. These courses typically provide opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

## Articulation Agreement

*Students who successfully complete select courses within the Teaching/Training pathway will receive college credit at Kansas City Kansas Community College, Emporia State University, Pittsburg State University, & Washburn University.*

# VEHICLE MAINTENANCE & REPAIR PATHWAY

## Introductory Level Courses

### Business Essentials

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-11

**State Course Code:** 12050

**Term:** Semester

**Local Course Code:** BS4021

**Prerequisite:** None

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior; acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.

## Career Options

Aircraft Mechanic

Aircraft Service Technician

Automotive/Truck Mechanic

Avionics Technician

Bus and Truck Mechanic

Diesel Engine Specialist

Electronic Engineering Technician

Industrial Electrician

Motorcycle Mechanic

Power Plant Mechanic

Railcar Repair

Signal and Track Switch Repair

## Technical Level Courses

### Entrepreneurship

**BSHS Credit:** Technical Arts

**Grade Levels:** 10-12

**State Course Code:** 12053

**Term:** Semester

**Local Course Code:** BS4051

**Prerequisite:** None

Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

### Small Engine Repair I ♦

**BSHS Credit:** Technical Arts

**Grade Levels:** 9-12

**State Course Code:** 40212

**Term:** Semester

**Local Course Code:** IT4011

**Prerequisite:** None

An application level course designed to provide students with advanced machining skills and further opportunities to apply those skills.

## Application Level Courses

### Small Engines & Powertrains II ♦

**BSHS Credit:** Technical Arts

**Grade Levels:** 11-12

**State Course Code:** 40214

**Term:** Semester

**Local Course Code:** IT4271

**Prerequisite:** Teacher Approval

An advanced application level course designed to provide students with advanced machining skills and further opportunities to apply those skills.

### Workplace Experience in Transportation ♦

**BSHS Credit:** Technical Arts

**Grade Levels:** 11-12

**State Course Code:** 40251

**Term:** Year

**Local Course Code:** IT4261/4262

**Prerequisite:** Teacher Approval

An advanced research and application course covering specific topics in transportation. Should include opportunities for IHT, OJT and/ or Internships.

## Articulation Agreement

*Students who complete the Mobile Equipment Maintenance pathway may qualify for corresponding entry level course credit at Barton County Community College.*