

2024-2025 COURSE OFFERINGS AND ENROLLMENT INFORMATION



Bonner Springs High School
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TABLE OF CONTENTS

Graduation Requirements.....	3
Market Value Assets.....	5
Planning for Post High School.....	6
NAIA/NCAA Athletics Eligibility.....	8
Early Graduation Requirements	9
Schedule Change/Withdrawal Policy.....	9
Valedictorian & Salutatorian Requirements	10
Foreign Exchange Policy	10
College and Career Readiness	11
Earn College Credit in High School	12
English/Language Arts	17
Mathematics	20
Science.....	22
Social Science.....	24
Health & Physical Education	26
Fine Arts (Art, Choir, Band, Theatre).....	27
World Languages	31
General Electives	33
Special Services Department	34
Career and Technical Education Pathways.....	35
Pathway Workplace Experiences	37
BioChemistry Pathway	39
BioMedical Pathway	40
Business Management & Entrepreneurship Pathway	41
Business Finance Pathway	43
Construction and Design Pathway	45
Corrections, Security, Law, & Law Enforcement Pathway	47
Digital Media Pathway	48
Engineering and Applied Mathematics Pathway	51
Family, Community, and Consumer Services Pathway.....	53
Fashion, Apparel, Interior Design (FAID) Pathway.....	55
Health Science Pathway	57
Information Support and Services Pathway	59
Manufacturing Pathway.....	60
Marketing Pathway.....	62
Mobile Equipment Maintenance Pathway	65
Restaurant & Event Management Pathway	66
Teaching and Training Pathway.....	68
Web and Digital Communications Pathway.....	70

GRADUATION REQUIREMENTS

CLASSES OF 2025-2027

Language Arts	4 Credits
English 9 or Honors English 9	1 Credit
English 10 or Honors English 10	1 Credit
American Literature or Honors Am. Lit.	1 Credit
World Literature or Honors World Lit.	1 Credit
Mathematics	3 Credits
9 th Grade	1 Credit
10 th Grade	1 Credit
11 th Grade	1 Credit
Social Studies	3 Credits
World History/Geography	1 Credit
US History	1 Credit
Social Studies Elective	½ Credit
US Government	½ Credit
Science	3 Credits
9 th Grade	1 Credit
10 th Grade	1 Credit
11 th Grade	1 Credit
Physical Education	1 Credit
Fitness & Health OR Weights & Health	1 Credit
Fine Arts	1 Credit
Two semesters selected from the following: Art, choir, music, foreign language III & IV or AV communication courses	
Technical Arts	1 Credit
Consumer Personal Finance OR Financial Lit.	½ Credit
One semester selected from courses in a CTE Pathway	
Projects	
Senior Project	
Electives	8 Credits

Total Credits: 24

NEW GRADUATION REQUIREMENTS STARTING WITH CLASS OF 2028

Language Arts	4 Credits
English 9 or Honors English 9	1 Credit
English 10 or Honors English 10	1 Credit
American Literature or Honors Am. Lit.	1 Credit
World Literature or Honors World Lit.	1 Credit
Mathematics	3 Credits
9 th Grade	1 Credit
10 th Grade	1 Credit
11 th Grade	1 Credit
Social Studies	3 Credits
World History/Geography	1 Credit
US History	1 Credit
Social Studies Elective	½ Credit
US Government	½ Credit
Science	3 Credits
9 th Grade	1 Credit
10 th Grade	1 Credit
11 th Grade	1 Credit
Physical Education	1 Credit
PE or Weights	0.5 Credit
Health	0.5 Credit
Fine Arts	1 Credit
See course descriptions for qualifying courses	1 Credit
Technical Arts	1 Credit
Financial Literacy	½ Credit
See course descriptions for qualifying courses	½ Credit
STEM	1 Credit
STEM Courses include a fourth year of advanced Math, a fourth year of advanced Science, or an advanced CTE course (indicated in the course description book with ♦)	
Senior Project	
Market Value Assets (2)	
See page 5 for information about assets. Each student needs to achieve two.	
Electives	7 Credits

Total Credits: 24

MARKET VALUE ASSETS

New graduation requirements starting with the Class of 2028, require students to achieve two Market Value Assets. Market Value Assets 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).

Market Value Assets

- 4-H Kansas Key Award*
- 90% 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
- Work place learning experience directly related to IPS

**Indicates that these market value 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 market value assets.*

PLANNING FOR POST HIGH SCHOOL

Subject	BSHS Diploma	Kansas Qualified Admissions	Kansas Scholars Curriculum	NCAA Eligibility
English	4 Credits <i>English 9, 10, 11, & 12</i>	4 Credits <i>English 9, 10, 11, & 12</i>	4 Credits <i>English 9, 10, 11, & 12</i>	4 Credits <i>English 9, 10, 11, & 12</i>
Math	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>
Science	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
Social Science	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
Physical Education	1 Credit <i>Fitness/Health</i>	BSHS Requirement	BSHS Requirement	BSHS Requirement
Foreign Language	Not required	Not required	2 Credits	Not required
Fine Arts	1 Credit	Additional Requirements: - 2.0 GPA for college classes taken in HS	Additional Requirements: - Take ACT between April of 10 th grade and December of 12 th grade - Be a KS resident - Have student's curriculum and 7 th 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.
Technical Arts	1 Credit	KU: Cumulative GPA of 3.25 and ACT 21+ <u>OR</u> Cumulative GPA of 3.0 and ACT of 24+		
General Electives	8 Credits	KSU: Cumulative GPA of 3.25 <u>OR</u> Act 21+ ESU, PSU, FHSU, WSU: Cumulative GPA of 2.25 <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.

PLANNING FOR POST HIGH SCHOOL

Kansas Board of Regents Qualified Admissions

Updated starting Class of 2021

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, For Hayes State University, Wichita State University:** Cumulative GPA of 2.25 OR ACT 21+
- Complete the precollege curriculum with 2.0 GPA

Qualified Admissions Precollege 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
- 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

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

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 clearinghouse website (www.ncaaclearinghouse.net) to make sure the courses being taken have been approved as core courses.

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

EARLY GRADUATION REQUIREMENTS

Beginning in the 2016-17 school year, 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 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 students, 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.

Beginning with the Class of 2021, 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 students, 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 course 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 a maximum of one foreign exchange student per year. The host parents must provide proof of residency and sign an out of district contract.

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. Student 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, Mid-America Nazarene or Donnelly College. 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, Mid-America Nazarene, and Donnelly College. 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 current cost of 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 8th 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. For additional information on the pathways offered at BSHS please see pages 23-40.

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**
 - Composition I (first semester, junior or senior year)
 - Composition II (second semester, junior or senior year)
 - US History until 1877 (sophomore, junior, or senior year)
 - US History from 1877 (sophomore, junior, or senior year)
 - Public Speaking (junior or senior year)
 - Psychology (junior or senior year)
- **KCKCC – taught by BSHS faculty at BSHS**
 - Anatomy & Physiology
 - Physics with lab
 - Spanish I and II

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
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.
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.

- **Mid-America Nazarene University – taught by BSHS faculty at BSHS**
 - College Algebra (September, junior or senior year – must enroll full year at BSHS)
 - Calculus (September, junior or senior year – must enroll full year at BSHS)

The information for enrollment will be provided to all College Algebra, Pre-Calculus, and Calculus students in August or September. Students must have a 3.0 GPA or higher to enroll for college credit.

EARN COLLEGE CREDIT IN HIGH SCHOOL - TEC

KCKCC-TEC Certificate Programs Available in High School

Program	Post-Secondary Program Length	Total Program Credits
Auto Collision Repair	11 months	52 credits
Auto Technology	11 months	51 credits
Building and Property Maintenance	9 months	44 credits
Computer Support Specialist	9 months	43 credits
Construction Technology	11 months	48 credits
Cosmetology	11 months	50 credits
Culinary Arts	9 months	40 credits
Electrical Technology	11 months	44 credits
Fire Science/Firefighter Tech.		26 credits
Heating and Refrigeration Tech. (HVAC)	11 months	44 credits
Machine Technology	11 months	48 credits
Major Appliance Technology	11 months	44 credits
Multimedia/Video Production	9 months	30 credits
Nail Technology	4 months	16 credits
Office Assistant	9 months	17 credits
Welding Technology	9 months	40 credits

Tuition is paid by the State of Kansas and the home school district.

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 1st 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 health care 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

All students must earn four (4) credits of English for graduation. Each course in the English department offers direction in improving communication skills in language and composition.

English 9

Prerequisite: None, required course

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: LA005A/LA005B

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 9th 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: LA500/LA501

English 10

Prerequisite: None, required course

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: LA010A/LA010B

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 10th 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: LA600/LA601

American Literature 11

Prerequisite: None, required course

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: LA015A/LA015B

ENGLISH/LANGUAGE ARTS

Honors American Literature 11

Prerequisite: Teacher Approval

State Course Code: 01054

Honors American Literature 11 will be an extension of the American Literature 11 curriculum, where students demonstrate mastery of the Kansas 11th-grade English Language Arts Standards as they read, write, and think at a complex level. The Honors American Literature 11 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 11 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: LA603/LA604

World Literature 12

Prerequisite: None, required course

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: LA020A/LA020B

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: LA605/LA606

Language Arts Lab 9

Prerequisite: Placement

State Course Code: 01009

Language Arts Lab courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Grade Levels: 9

Term: Semester

BSHS Graduation Credit: English Elective

Local Course Code: LA110

Language Arts Lab 10

Prerequisite: Placement

State Course Code: 01009

Language Arts Lab courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Grade Levels: 10

Term: Semester

BSHS Graduation Credit: English Elective

Local Course Code: LA120

ENGLISH/LANGUAGE ARTS

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: LA301

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: LA103

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: LA115

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: Fine Art

Local Course Code: LA303

College Composition I

Prerequisite: Pass Accuplacer test

State Course Code: 01149

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.

Grade Levels: 11-12

Term: Semester

BSHS Graduation Credit: English Elective

Local Course Code: LA1

College Composition II

Prerequisite: Pass Accuplacer test/Comp I

State Course Code: 01149

Composition I is the first 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.

Grade Levels: 11-12

Term: Semester

BSHS Graduation Credit: English Elective

Local Course Code: LA2

MATHEMATICS

All students must take math in 9th, 10th, and 11th grade. All college-bound students and students interested in math related careers are encouraged to take math their senior year to gain appropriate background knowledge and meet requirements for the college-bound curriculum.

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

Term: Year

BSHS Graduation Credit: Math

Local Course Code: MA015A/MA105B

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: MA030A/MA030B

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: MA020A/MA020B

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: MA400/MA401

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: MA150A/MA150B

Math Lab 9

Prerequisite: Placement

State Course Code: 02069

Math Lab courses offer 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

Term: Semester

BSHS Graduation Credit: Math Elective

Local Course Code: MA050

MATHEMATICS

Math Lab 10

Prerequisite: Placement

State Course Code: 02069

Assisted Math courses offer 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: 10

Term: Semester

BSHS Graduation Credit: Math Elective

Local Course Code: MA044

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: MA200A/MA200B

Pre-Calculus

Prerequisite: Placement

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: MA300/MA301

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: MA045A/MA045B

Probability & Statistics

Prerequisite: Pre-Calculus or College Alg.

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: 12

Term: Year

BSHS Graduation Credit: Math

Local Course Code: MA500/MA501

SCIENCE

All students must take Science in 9th, 10th, and 11th grade. All college-bound students and students interested in science-related careers are encouraged to take science their senior year to gain appropriate background knowledge in science and meet requirements for the college-bound curriculum.

General Science

Prerequisite: None, required course

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: SC030

Biology

Prerequisite: Earth/Space or General Science

State Course Code: 03051

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: SC005A/SC005B

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: SC010A/SC010B

Chemistry Enrichment

Prerequisite: Algebra I and teacher approval

State Course Code: 03101

Chemistry Enrichment 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: NEW!

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: SC015A/SC015B

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: SC017A/SC017B

SCIENCE

Forensic Science

Prerequisite: Biology

State Course Code: 44225

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).

Grade Levels: 10-12

Term: Year

BSHS Graduation Credit: Science

Local Course Code: LPS105/LPS106

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 adaption 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: SC043A/SC043B

Agricultural Ecology

Prerequisite: Biology

State Course Code: 03003

These courses are designed to teach students how to use the principles of ecology to sustainably raised food crops and livestock, without the need of pesticides, fertilizers, herbicides, or tillage. Students will learn the basics of plant care, nutrient cycling, and the utilization of livestock to support said nutrient cycles. Additionally, students will be exposed to the business side of regenerative/sustainable agriculture, and the logistics of operating their own agribusiness.

Grade Levels: 11-12

Term: Year

BSHS Graduation Credit: Science

Local Course Code: SC050/SC051

SOCIAL SCIENCE

All students must take World History and Geography as freshmen, US History as sophomores, and US Government as seniors as well as an additional half credit in an elective course.

World History and Geography

Prerequisite: None, required course

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: SS146A/SS146B

US History – Comprehensive

Prerequisite: None, required course

State Course Code: 04101

This course will cover United States' history from Reconstruction through the present. Students will analyze social, cultural, political, military, and economic changes as they explore major events including 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: SS010A/SS010B

US Government - Comprehensive

Prerequisite: None, required course

State Course Code: 04151

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

Grade Levels: 12

Term: Semester

BSHS Graduation Credit: Social Science

Local Course Code: SS005

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 20th century, and look at historical causes or possible solutions.

Grade Levels: 10-12

Term: Semester

BSHS Graduation Credit: Social Sci. Elective

Local Course Code: SS009

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: SS013

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: SS202

SOCIAL SCIENCE

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: SS200

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: SS3

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 Sci. Elective

Local Course Code: SS1

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 Sci. Elective

Local Course Code: SS2

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: 10-12

Term: Semester

BSHS Graduation Credit: Social Sci. Elective

Local Course Code: SS198

HEALTH AND PHYSICAL EDUCATION

9th Grade students are required to take a semester of Health Education and a semester of physical education.

Health and Fitness Girls
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: PE001A/B, PE003A/B

Health and Fitness Boys
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: PE002A/B, PE018A/B

Weight Training/Athletes – Boys
Prerequisite: Teacher approval
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: PE023A/B

Weight Training/Athletes – Girls
Prerequisite: Teacher approval
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: PE024A/B

Advanced PE
Prerequisite: None
State Course Code:

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:

FINE ARTS

Students are required to complete a year of Fine 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
Printmaking
Photography
Independent Study – Photography
Independent Study – 2D

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: Fine Art

Local Course Code: AR019

Ceramics/Pottery (3D)

Prerequisite: Creative Art – Sculpture

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: Fine Art

Local Course Code: AR024

Ceramics II (3D)

Prerequisite: Ceramics/Pottery

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: Fine Art

Local Course Code: NEW!

Jewelry (3D)

Prerequisite: Creative Art – Sculpture

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: Fine Art

Local Course Code: AR022

Textiles (3D)

Prerequisite: Creative Art – Sculpture

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: Fine Art

Local Course Code: AR023

FINE ARTS

Creative Art – Comprehensive (2D)

Prerequisite: None

State Course Code: 05154

Creative Art—Comprehensive provides students with the 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: Fine Art

Local Course Code: AR013

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: Fine Art

Local Course Code: AR014

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: Fine Art

Local Course Code: AR016

Printmaking (2D)

Prerequisite: Creative Art – Comprehensive

State Course Code: 05161

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

Grade Levels: 9-12

Term: Semester

BSHS Graduation Credit: Fine Art

Local Course Code: AR028

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: Fine Art

Local Course Code: AR012

Independent Study – Photography

Prerequisite: None

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: Fine Art

Local Course Code: AR040

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 publicly.

Grade Levels: 10-12

Term: Semester

BSHS Graduation Credit: Fine Art

Local Course Code: AR018 (2D), AR027 (3D)

FINE ARTS

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: Fine Art

Local Course Code: MU032A/B

A Cappella

Prerequisite: Teacher approval

State Course Code: 05111

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: 10-12

Term: Year

BSHS Graduation Credit: Fine Art

Local Course Code: MU031A/B

Women's Ensembles

Prerequisite: 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: Fine Art

Local Course Code: MU030A/B

Men's Ensembles

Prerequisite: 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: Fine Art

Local Course Code: MU040A/B

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: Fine Art

Local Course Code: MU005A/B

Jazz Band

Prerequisite: Teacher approval

State Course Code: 05016

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: Semester

BSHS Graduation Credit: Fine Art

Local Course Code: NEW

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: Fine Art

Local Course Code: MU026

FINE ARTS

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: Fine Art

Local Course Code: LA320

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: Fine Art

Local Course Code: LA325

Drama – Comprehensive

Prerequisite: None

State Course Code: 05053

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.

Grade Levels: 9-12

Term: Year

BSHS Graduation Credit: Fine Art

Local Course Code: PA002

WORLD LANGUAGES

World Language courses are designed to introduce and develop language and cultural proficiency, which are valuable 21st century skills.

French I

Prerequisite: None

State Course Code: 06121

French I emphasizes 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. French culture is introduced through the art, literature, customs and history of the French-speaking people.

Grade Levels: 9-12

Term: Year

BSHS Graduation Credit: General Elective

Local Course Code: FL005A/B

French II

Prerequisite: French I

State Course Code: 06122

French II courses build upon skills developed in French I, extending students' ability to understand and express themselves in French 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 French-speaking people to deepen their understanding of the culture(s).

Grade Levels: 10-12

Term: Year

BSHS Graduation Credit: General Elective

Local Course Code: FL010A/B

French III

Prerequisite: French II

State Course Code: 06123

French 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: Fine Art

Local Course Code: FL016A/B

French IV

Prerequisite: French III

State Course Code: 06124

French IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the French 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: Fine Art

Local Course Code: FL020A/B

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: FL040A/B

WORLD LANGUAGES

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: FL045A/B

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: Fine Art

Local Course Code: FL050A/B

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: Fine Art

Local Course Code: FL055A/B

Spanish for Heritage 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.

Grade Levels: 9-12

Term: Year

BSHS Graduation Credit: General Elective

Local Course Code: NEW!

GENERAL ELECTIVES

Preparing for College**Prerequisite: None****State Course Code: 22001****Grade Levels: 10-12****BSHS Graduation Credit: General Elective****Local Course Code: BUS108****Term: Semester**

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.

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: SP170

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: LA017A/017B

Interrelated Course

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.

Grade Levels: 9-12

Term: Year

Success Center Courses

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.

Grade Levels: 9-12

Term: Semester

English Language Arts 9	Financial Math	US Government	Intro to Entrepreneurship
English Language Arts 10	Trigonometry	Economics	Personal Finance
English Language Arts 11	Concepts in Prob. & Stats	Human Geography	Projects in Audio Engineering
English Language Arts 12	Life Science	Art History	Projects in Game Design
Literacy & Comprehension I	Earth Science	Health & PE Bundle	Health Science Concepts
Literacy & Comprehension II	Physical Science	Intro to Art	Intro to Business
Intro. to Comm. & Speech	Biology	Online Learn & Digital Citizenship	Intro to Health Sciences
Expository Reading and Writing	Chemistry	Psychology	Intro to Information Tech
DEA Writing	Physics	Sociology	Medical Terminology
Classic Novels & Author Studies	Environmental Science	Strategies for Academic Success	Microsoft Office Specialist
Pre-Algebra	Integrated Science	Health	Nursing Assistant
Algebra	Earth Space Science	3D Art I - Modeling	Pharmacy Technician
Algebra I Part 1	US History I	3D Art II - Animation	Advanced Placement
Algebra I Part 2	US History II	Career Explorations	English Language & Comp
Geometry	US History Comprehensive	Career Planning & Dev.	English Literature & Comp
Algebra II	Survey of US History	Computer Applications	Environmental Science
Pre-Calculus	Modern World History	Computer Science	US History
Mathematical Models w/ App.	World History	Digital Arts	World History

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 interest 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 to 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

Biochemistry Workplace Experience

1 Credit

KS Course Code 21048

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

Finance Workplace Experience

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.

CTE PATHWAY WORKPLACE EXPERIENCES

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 (Engineering)

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.

Media Technology 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.

Comprehensive Workplace Experience in A&C

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.

BIOCHEMISTRY PATHWAY

The BioChemistry Pathway focuses on the structure, composition, and chemical reactions of substances in living systems.

Introductory Level Courses	Career Options
<p>Computer Applications BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Year Prerequisite: None State Course Code: 10004 Local Course Code: BUS015/BUS017</p> <p>In computer applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.</p> <p>Chemistry BSHS Credit: Science Grade Levels: 10-12 Term: Year Prerequisite: Algebra I or State Course Code: 03101 Local Course Code: SC010A/B teacher approval</p> <p>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.</p>	<p>Biologist</p> <p>Biomedical Engineer</p> <p>Consultant</p> <p>Ecologist</p> <p>Environmental Engineer</p> <p>Facilities Technician</p> <p>Geneticist</p> <p>Lab Technician</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Anatomy & Physiology BSHS Credit: Science Grade Levels: 11-12 Term: Year Prerequisite: Biology/Chem. State Course Code: 03053 Local Course Code: SC017A/B</p> <p>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.</p>	<p>Microbial Physiologist</p> <p>Nutritionist</p> <p>Organic Chemist</p> <p>Pharmaceutical Engineer</p> <p>Radiology Engineer</p> <p>Research Chemist</p> <p>Research Technician</p>
<p style="text-align: center;">Articulation Agreement</p> <p style="text-align: center;"><i>Students who complete the BioChemistry pathway may qualify for corresponding entry level course credit at Cloud County Community College.</i></p>	<p>Safety Engineer</p> <p>Toxicologist</p>

BIOMEDICAL PATHWAY

The BioMedical Pathway focuses on the application of principles of the natural sciences to medicine.

Introductory Level Courses	Career Options
<p>Computer Applications BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Year Prerequisite: None State Course Code: 10004 Local Course Code: BUS015/BUS017</p> <p>In computer applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.</p> <p>Biology BSHS Credit: Science Grade Levels: 9-10 Term: Year Prerequisite: Gen. Science State Course Code: 03051 Local Course Code: SC005A/B</p> <p>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</p>	<p>Animal Behaviorist</p> <p>Animal Care/Laboratory</p> <p>Animal Technician</p> <p>Animal Facility Supervisor</p> <p>Biomedical Engineer</p> <p>Clinical Trials Associate</p> <p>Computer Scientist and Programmer</p> <p>Engineer</p> <p>Laboratory Assistant</p> <p>Laboratory Veterinarian</p> <p>Medical Doctor</p> <p>Medical Technologist</p> <p>Researcher/Scientist</p> <p>Technical Writer</p> <p>Veterinary Technician</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Anatomy & Physiology BSHS Credit: Science Grade Levels: 10-12 Term: Year Prerequisite: Biology/Chem. State Course Code: 03053 Local Course Code: SC017A/B</p> <p>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.</p>	
<p style="text-align: center;">Articulation Agreement</p> <p style="text-align: center;"><i>Students who complete the BioMedical pathway may qualify for corresponding entry level course credit at Cloud County Community College and Washburn University.</i></p>	

BUSINESS MANAGEMENT & ENTREPRENEURSHIP PATHWAY

Business Management and Administration careers encompass planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Introductory Level Courses	Career Options
<p>Business Essentials BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 12050 Local Course Code: BUS022</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>Advertising</p> <p>Auditor</p> <p>Business Consultant</p> <p>Certified Public Accountant</p> <p>Corporate Trainer</p> <p>E-Commerce Analyst</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Business Economics BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12105 Local Course Code: BUS023</p> <p>This course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law and risk).</p> <p>Entrepreneurship BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12053 Local Course Code: BUS055</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>Business Management BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12052 Local Course Code: BUS024</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>Entrepreneur</p> <p>Facilities Manager</p> <p>Finance Director</p> <p>Human Resources Manager</p> <p>Investment Executive</p> <p>Marketing Analyst</p> <p>Medical Transcriptionist</p> <p>Office Manager</p> <p>Public Relations Manager</p> <p>Sales Representative</p> <p>Wholesale & Retail Buyer</p>

BUSINESS MANAGEMENT & ENTREPRENEURSHIP PATHWAY

Marketing

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 12164

Local Course Code: BUS062/BUS063

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 Communications

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: None

State Course Code: 12009

Local Course Code: BUS300

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: 12054

Local Course Code: NEW

Business Law identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all the competencies are met.

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: BUS034/BUS035

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.

Articulation Agreement

Students who complete the Business Entrepreneurship pathway may qualify for corresponding entry level course credit at Kansas City Kansas Community College and Washburn University.

BUSINESS FINANCE PATHWAY

Business finance encompasses planning services for financial and investment planning, banking, insurance, and business financial management.

Introductory Level Courses

Business Essentials

BSHS Credit: Technical Arts

Grade Levels: 9-11

Term: Semester

Prerequisite: None

State Course Code: 12050

Local Course Code: BUS022

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.

Technical Level Courses

Business Economics

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: None

State Course Code: 12105

Local Course Code: BUS023

This course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law and risk).

Accounting

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 12104

Local Course Code: BUS032/BUS033

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.

Business Law

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: None State Course

Code: 12054

Local Course Code: NEW

Business Law identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all the competencies are met.

Career Options

Abstractor

Accountant

Actuary

Bill & Account
Collector

Commodities
Representative

Controller

Credit Analyst

Debt Counselor

Economist

Foreign Exchange
Manager

Fundraiser

Insurance Broker

Internal Auditor

Loan Officer

Non-Profit Manager

Tax Examiner

Title Researcher and
Examiner

Treasurer

Trust Officer

BUSINESS FINANCE PATHWAY

Application Level Courses

Banking & Finance ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Semester

Prerequisite: Technical level course

State Course Code: 12101

Local Course Code: BUS050

Banking and Finance courses provide students with an overview of the American monetary and banking system, as well as types of financial institutions and the services and products that they offer. Course content may include government regulations; checking, savings, and money market accounts; loans; investments; and negotiable instruments.

Investing ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Semester

Prerequisite: Technical level course

State Course Code: 12107

Local Course Code: BUS026

Investing courses emphasize the formulation of business and individual investment decisions by comparing and contrasting the investment qualities of cash, stock, bonds, and mutual funds. Students typically review annual reports, predict growth rates, and analyze trends. Stock market simulations are often incorporated into investing courses.

Articulation Agreement

Students who complete the Business Finance pathway may qualify for corresponding entry level course credit at Kansas City Kansas Community College, Emporia State University, and Washburn University.

CONSTRUCTION AND DESIGN PATHWAY

The construction pathway is a classroom and hands-on instruction including courses in designing, planning, managing, building, and maintaining the built environment.

Introductory Level Courses	Career Options
<p>Intro to Industrial Technology BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 38001 Local Course Code: TEC199 An introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.</p>	Architect Carpenter Civil Engineer Construction
<p style="text-align: center;">Technical Level Courses</p>	Foreman/Manager
<p style="text-align: center;"><u>Construction Focus</u></p>	Contractor Demolition Engineer
<p>Woodworking Principles ♦ BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: None State Course Code: 17007 Local Course Code: TEC105/TEC106 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.</p>	Drafter Drywall Installer Electrician Technician
<p>Carpentry I ♦</p>	Equipment/ Material Manager
<p>BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: None State Course Code: 17002 Local Course Code: TEC115/TEC116 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.</p>	General Contractor/Builder Mechanic
<p style="text-align: center;"><u>Design Focus</u></p>	Interior Designer
<p>CAD Drafting (Engineering I) ♦ BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 21107 Local Course Code: TEC401/TEC402 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>	Painter Plumber
<p style="text-align: center;"><u>Design Focus</u></p>	Project Estimator
<p>CAD Drafting (Engineering I) ♦ BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 21107 Local Course Code: TEC401/TEC402 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>	Roofer

CONSTRUCTION AND DESIGN PATHWAY

Architecture Design ♦

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Year

Prerequisite: None

State Course Code: 21103

Local Course Code: TEC420/421

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.

Interior Design I

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Essentials of FAID

State Course Code: 19263

Local Course Code: FAC040

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

Term: Semester

Prerequisite: Interior Design I

State Course Code: 22212

Local Course Code: FAC042

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

Construction Focus

Furniture and Cabinetry Fabrication ♦

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Woodworking Principles

State Course Code: 38007

Local Course Code: TEC113/TEC114

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

Carpentry II ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Carpentry I

State Course Code: 38002

Local Course Code: TEC117/TEC118

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

Design Focus

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

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Architecture Design

State Course Code: 21109

Local Course Code: NEW!

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

Articulation Agreement

Students who complete the Construction and Design pathway may qualify for corresponding entry level course credit at Kansas City Kansas Community College, Washburn Institute of Technology, and Pittsburg State University.

CORRECTIONS, SECURITY, LAW, AND LAW ENFORCEMENT SERVICES PATHWAY

The corrections, security, law, & law enforcement pathway consists of planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support services.

Introductory Level Courses

Intro to Law, Public Safety, and Security (LPSS)

BSHS Credit: Social Science Elective

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 44001

Local Course Code: LPS100

An introductory course designed to provide students with knowledge of occupations available in the Law, Public Safety and Security fields and introduce them to the legal system, professional conduct, safety, and types of crime.

Career Options

Correctional
Treatment Specialists

EMT

Firefighter
Lawyer/Attorney

Paralegal

Paramedic

Police Officer

Probation Officer

Technical Level Courses

Law Enforcement I

BSHS Credit: Social Science Elective

Grade Levels: 9-12

Term: Year

Prerequisite: None

State Course Code: 44200

Local Course Code: LPS101/LPS102

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.

Business Law

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: None State Course

Code: 12054

Local Course Code: NEW

Business Law identifies and promotes the skills needed in law and law associated professions. Topics include the origins, ethics, structures, and institutions of law. It concentrates on several types of law including criminal, civil, consumer, contract, property, agency, employment, family and environmental law. The intent of the class is to allow areas of concentration once all the competencies are met.

Application Level Courses

Forensic Science

BSHS Credit: Science

Grade Levels: 11-12

Term: Year

Prerequisite: Biology

State Course Code: 44225

Local Course Code: LPS105/LPS106

An application level course that follows a comprehensive background in biology and chemistry and provides students with an in-depth knowledge and skills needed to pursue postsecondary training in LPSS careers requiring Forensic Science.

Law Enforcement II ♦

BSHS Credit: Social Science

Grade Levels: 10-12

Term: Year

Prerequisite: Law Enforcement I

State Course Code: 44201

Local Course Code: LPS103/LPS104

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.

Law, Public Safety, and Security Internship ♦

BSHS Credit: Social Science

Grade Levels: 11-12

Term: Semester

Prerequisite: Teacher

State Course Code: 44298

Local Course Code: LPS107

Approval

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.

Articulation Agreement

Students who complete the Corrections, Security, Law, and Law Enforcement Services pathway may qualify for corresponding entry level course credit at Washburn University.

DIGITAL MEDIA PATHWAY

Digital Media consists of designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Introductory Level Courses	Career Options
<p>Business Essentials BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 12050 Local Course Code: BUS022</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>Computer Applications BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Year Prerequisite: None State Course Code: 10004 Local Course Code: BUS015/BUS017</p> <p>In computer applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.</p>	<p>Actor</p> <p>AV Designer</p> <p>AV Engineer</p> <p>Broadcast Technician</p> <p>Commercial Artist</p> <p>Computer Animator</p> <p>Curator/Gallery Manager</p> <p>Director/Coach</p> <p>Fashion Designer</p> <p>Journalist</p> <p>Lithographer</p> <p>Musician</p> <p>Printing Equipment Operator</p> <p>Videographer</p> <p>Web Page Designer</p>
<p style="text-align: center;">Technical Level Courses</p> <p>21st Century Journalism (Intro to Journalism) BSHS Credit: Tech/Fine Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 30100 Local Course Code: TEC300</p> <p>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.</p> <p>Audio/Video Production Fundamentals (Intro to Video Production) BSHS Credit: Tech/Fine Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 30103 Local Course Code: TEC301</p> <p>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.</p> <p>Photo Imaging (Digital Photography) BSHS Graduation Credit: Tech/Fine Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 30105 Local Course Code: TEC313</p> <p>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.</p>	

DIGITAL MEDIA PATHWAY

Graphic Design Fundamentals (Yearbook Year 1) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 30102/11151

Prerequisite: Teacher approval

Local Course Code: TEC306/307

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 Year 1) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 30104/11151

Prerequisite: Teacher approval

Local Course Code: TEC302/303

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.

Application Level Courses

Digital Media Design & Production B (Yearbook Year 2) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12

Term: Year

State Course Code: 30151

**Prerequisite: Graphic Design Fundamentals
and teacher approval**

Local Course Code: TEC

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 Design & Production A (Newspaper Year 2) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12

Term: Year

State Course Code: 30104/11151

**Prerequisite: Digital Media Design & Prod. A
and teacher approval**

Local Course Code: TEC309/310

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.

Digital Media Design & Production C (Sports Journalism) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 30151

Prerequisite: Teacher approval

Local Course Code: TEC

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.

Project Management & Resources Scheduling (Newspaper/Yearbook Year 3) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 11-12 **Term: Year**

State Course Code: 21205

**Prerequisite: Digital Media Design &
Production B and teacher approval**

Local Course Code: TEC317/TEC318

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 PATHWAY

Video Production ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 30150

Prerequisite: Audio/Video Production

Fundamentals and teacher approval

Local Course Code: TEC315/TEC316

Broadcasting Technology courses provide students with the knowledge and skills to produce television broadcast programs. 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.

TeePee Talk ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 43115/11151

Prerequisite: Video Production or Computer

Graphics and teacher approval

Local Course Code: TEC304/TEC305

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

Digital Media Design & Production A (TeePee Talk Year 2) ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12 **Term: Year**

State Course Code: 30151/11153

Prerequisite: TeePee Talk and teacher app.

Local Course Code: TEC309/TEC310

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

ENGINEERING AND APPLIED MATHEMATICS PATHWAY

To promote STEM education through the teaching of Engineering Skills that prepare students to enter the workforce & participate as leaders, innovators, & managers in a global economy.

Introductory Level Courses	Career Options
<p>Production Blueprint Reading BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 21108 Local Course Code: TEC400</p> <p>Blueprint Reading courses provide students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints. They generally emphasize interpreting, not producing, blueprints, although the courses may provide both types of experiences. Blueprint Reading courses typically use examples from a wide variety of industrial and technological applications.</p> <p>Computer Applications BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 10004 Local Course Code: BUS015/BUS017</p> <p>In computer applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail & desktop publishing.</p>	<p style="text-align: right;">Aeronautical Engineer</p> <p style="text-align: right;">Aerospace Engineer</p> <p style="text-align: right;">Application Engineer</p> <p style="text-align: right;">Applied Mathematician</p> <p style="text-align: right;">Architectural Engineer</p> <p style="text-align: right;">Civil Engineer</p> <p style="text-align: right;">Construction Engineer</p> <p style="text-align: right;">Electrical Engineer</p>
Technical Level Courses	
<p>Robotics I ♦ BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 21009 Local Course Code: TEC600/TEC601</p> <p>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.</p>	<p style="text-align: right;">Electronics Technician</p> <p style="text-align: right;">Energy Transmission Engineer</p> <p style="text-align: right;">Industrial Engineer</p> <p style="text-align: right;">Materials Analyst</p>
Application Level Courses	
<p>Project Management and Resource Scheduling ♦ BSHS Credit: Technical Arts Grade Levels: 11-12 Term: Year Prerequisite: Technical level State Course Code: 21205 Local Course Code: TEC317/TEC318 & teach app</p> <p>Project Management courses provide students with the information and skills necessary for success in managing projects and operating logistical ventures in technology, business, and industry. This course covers scheduling of resources (including personnel, budget, timelines, and equipment), utilization of Gantt charts, economic principles within the workplace, and risk management. Other possible topics include developing a business plan, finance, business law, marketing and promotion strategies, insurance employee/employer relations, problem-solving and decision-making, and building leadership skills. These courses may also incorporate a survey of the careers within technology and engineering industries.</p>	<p style="text-align: right;">Materials Engineer</p> <p style="text-align: right;">Materials Lab & Supply Technician</p> <p style="text-align: right;">Mechanical Engineer</p> <p style="text-align: right;">Metallurgic Engineer</p> <p style="text-align: right;">Plastics Engineer</p> <p style="text-align: right;">Project Manager</p> <p style="text-align: right;">Scientific Visualization</p>

ENGINEERING AND APPLIED MATHEMATICS PATHWAY

Computer Integrated Manufacturing (Robotics II) ♦

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Robotics I

State Course Code: 21010

Local Course Code: TEC602

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.

Articulation Agreement

Due to the recent addition of the Engineering & Applied Mathematics Pathway, we are currently working on developing our Articulation Agreement.

FAMILY, COMMUNITY, AND CONSUMER SERVICES PATHWAY

The *Family and Community Services pathway* focuses on careers relating to meeting the essential needs of people, especially occupations which focus on relationships between and among family members including family counseling, marriage therapy, non-profit management and others related to helping others. This pathway is unique in that the entire human condition is reviewed.

Introductory Level Courses	Career Options
<p>Career & Life Planning BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 22207 Local Course Code: FAC002 Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.</p>	Social and Human Service Assistant Residential Advisor Customer Service Fitness Instructor Personal Care Aide Social Worker Grief Counselor Marriage/Family Therapist Activities Counselor Family and Consumer Science Teacher Clinical Counseling School Psychologist Vocational Counselor School Counselor
<p style="text-align: center;">Technical Level Courses</p> <p>Human Growth & Development BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 45004 Local Course Code: ED102 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.</p>	
<p>Family Studies BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 22208 Local Course Code: ED110 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.</p>	
<p>Nutrition and Wellness BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code:22250 Local Course Code: FAC700 Nutrition and Wellness courses focus as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, disease prevention, and first aid). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.</p>	

FAMILY, COMMUNITY, AND CONSUMER SERVICES PATHWAY

Leadership Class

Grade Levels: 10-12

Prerequisite: Student Council Member

State Course Code: 22101

Term: Year

BSHS Credit: General Elective

Local Course Code: MC400A/B

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.

Application Level Courses

Career & Community Connections ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Teacher Approval

State Course Code: 22250

Local Course Code: FAC007/FAC008

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 complete the Family, Community, & Consumer Service pathway may qualify for corresponding entry level course credit at Pittsburg State University, Washburn Institute of Technology, and Washburn University.

FASHION, APPAREL, AND INTERIOR DESIGN (FAID) PATHWAY

The Fashion, Apparel and Interior Design Pathway is part of Human Services as this multi-million dollar industry crosses many clusters, but is very strongly linked with the needs of humans as well as an extension of their sense of self and financial status. Careers are based on the emerging needs of the Kansas City resident designer movement as well as the entrepreneurial endeavors across the state.

Introductory Level Courses	Career Options
<p>Career & Life Planning BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 22207 Local Course Code: FAC002 Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.</p>	<p>Costume Designer</p> <p>Dress Maker</p> <p>Fashion Buyer</p> <p>Fashion Designer</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Essentials of FAID BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 30110 Local Course Code: FAC027 Essentials is the first class in the Technical Level for FAID. This class will give the students an understanding in the role of design elements and principles in good design. Evaluate principals of design used in interior, textiles and apparel applications. Compare principals and elements between fashion and interior design worlds. A basic understanding of fibers, yarns weaves and knit fabrics in both fashion and interior and their use for wearability, usability and sustainability. Learn and apply basic color schemes and color theory to develop effects and themes as well as illustrating those principals. Students will learn appropriate terminology and use equipment and technology related to the FAID industry. Compare and contrast the cost of doing business across different price points in all facets of the Fashion and Interior Design world.</p> <p>Fashion Trends BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: Essentials of FAID State Course Code: 30111 Local Course Code: FAC030 Fashion Trends in the in the Technical Level of the FAID pathway and the first class designated directly in the Fashion and Apparel Design strand. Students will learn how to analyze fashion, apparel, textiles, finishes and trims over history and relate to modern day design, as well as historical costuming. Explore form versus function in the FAID industry. Learn to select fibers for an application determined by customer needs, trend, form and function. Generate designs that will take into consideration environmental, technical and different price points. Analyze the relationship of the trend setter, mass production, manufacturing and selling of apparel products.</p> <p>Interior Design I BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: Essentials of FAID State Course Code: 19263 Local Course Code: FAC040 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.</p>	<p>Fashion Show and Event Manager</p> <p>Industrial and Product Design</p> <p>Interior Designer</p> <p>Pattern Maker</p> <p>Retail Manager</p> <p>Stylist</p> <p>Tailor</p> <p>Technical Designer</p> <p>Visual Display Designer</p> <p>Wedding Planner</p>

FASHION, APPAREL, AND INTERIOR DESIGN (FAID) PATHWAY

Interior Design II

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Interior Design I

State Course Code: 22212

Local Course Code: FAC042

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.

Apparel Production I

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Essentials of FAID

State Course Code: 19201

Local Course Code: FAC035

Clothing and Textiles courses introduce students to and expand upon the various aspects of apparel, garment construction, and the textile industry, conveying the commercial application of design principles, production processes, and maintenance techniques. These courses usually address the selection, characteristics, care, and repair of various textiles; operation and care of commercial sewing machines; design, construction, and production of fabrics and/or garments; and career opportunities in the garment or textile industry.

Apparel Production II

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Apparel Prod. I

State Course Code: 19203

Local Course Code: FAC037

Apparel Construction courses provide students with the knowledge and skill to construct, alter, and repair clothing and textile products. Course topics typically include taking measurements, creating and preparing patterns, and various sewing techniques; topics may also include customer service, fashion design principles, and business management. These courses may also offer specialized knowledge in a particular type of garment.

Application Level Courses

Career & Community Connections ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Teacher Approval

State Course Code: 22250

Local Course Code: FAC007/FAC008

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

Due to the recent addition of the FAID Pathway, we are currently developing our Articulation Agreement.

HEALTH SCIENCE PATHWAY

The Health Science pathway prepares students for successful careers and a lifetime of informed choices in the health care industry through collaboration among education, the healthcare industry, policy makers and professional organizations.

Introductory Level Courses	Career Options
<p>Biology BSHS Credit: Science Grade Levels: 9-10 Term: Year Prerequisite: Gen. Science State Course Code: 03051 Local Course Code: SC005A/SC005B 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</p> <p>Chemistry BSHS Credit: Science Grade Levels: 10-12 Term: Year Prerequisite: Algebra I or State Course Code: 03101 Local Course Code: SC010A/SC010B teach app 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.</p>	<p>Certified Medical Assistant</p> <p>Dental Assistant</p> <p>Licensed Practical Nurse</p> <p>Pharmacy Technician</p> <p>Surgical Technologist</p> <p>Dental Hygienist</p> <p>Paramedic</p> <p>Physical Therapist</p>
Technical Level Courses	
<p>Anatomy and Physiology BSHS Credit: Science Grade Levels: 11-12 Term: Year Prerequisite: Biology/Chem State Course Code: 03053 Local Course Code: SC017A/SC017B 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.</p> <p>Forensic Science BSHS Credit: Science Grade Levels: 10-12 Term: Year Prerequisite: Biology State Course Code: 44225 Local Course Code: LPS105/LPS106 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>Radiologist</p> <p>Nutritionist</p> <p>Physician Assistant</p> <p>Audiologist</p> <p>Pharmacist</p> <p>Physician</p> <p>Surgeon</p>

HEALTH SCIENCE PATHWAY

Application Level Courses

Certified Nursing Assistant ♦

BSHS Credit: General Elective

Grade Levels: 11-12

Term: Semester

Prerequisite: Application through Counselor

State Course Code: 14997

Local Course Code: SC200/SC201

Health Care Sciences—Independent Study courses, often conducted with instructors as mentors, enable students to explore health-related topics of interest. Independent Study courses may provide students with an opportunity to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills. This class is only available for college credit and students will be responsible for all fees associated with enrollment of the course for college credit.

Articulation Agreement

Students who complete the Health Science pathway may qualify for corresponding entry level course credit at Barton County Community College, Cloud County Community College, Flint Hills Technical College, and Washburn University.

INFORMATION SUPPORT AND SERVICES PATHWAY

The Information Support and Services Pathways is designed to build linkages to Information Technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, communication, and systems integration services

Introductory Level Courses	Career Options
<p>Computer Applications BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 10004 Local Course Code: BUS015/BUS017</p> <p>In computer applications courses, students acquire knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including (but not limited to) word-processing, spreadsheet, graphics, and database programs, and they may also cover the use of electronic mail and desktop publishing.</p>	<p>Computer Support Specialist</p> <p>Desktop Publisher</p> <p>Marketing Manager</p> <p>Database Administrator</p>
<p style="text-align: center;">Technical Level Courses</p> <p>IT Essentials: PC Hardware & Software BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: Computer Apps State Course Code: 10254 Local Course Code: TEC560/TEC561</p> <p>This course covers the fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional. Students who complete this course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software.</p>	<p>Systems Administrator</p> <p>Operations Research Analyst</p> <p>Computer Security Specialist</p> <p>Computer Software Engineer</p>
<p style="text-align: center;">Application Level Courses</p> <p>Project Management and Resource Scheduling ♦ BSHS Credit: Technical Arts Grade Levels: 11-12 Term: Year Prerequisite: Technical level course State Course Code: 21205 Local Course Code: TEC317/TEC318 & teach approval</p> <p>Project Management courses provide students with the information and skills necessary for success in managing projects and operating logistical ventures in technology, business, and industry. This course covers scheduling of resources (including personnel, budget, timelines, and equipment), utilization of Gantt charts, economic principles within the workplace, and risk management. Other possible topics include developing a business plan, finance, business law, marketing and promotion strategies, insurance employee/employer relations, problem-solving and decision-making, and building leadership skills. These courses may also incorporate a survey of the careers within technology and engineering industries</p>	<p>Network Systems and Data Communications Analyst</p> <p>Editor</p> <p>Computer and Information Systems Manager</p> <p>Technical Writer</p> <p>Computer Systems Analyst</p>
<p>Articulation Agreement</p> <p><i>Students who complete the Information Support and Services pathway may qualify for corresponding entry level course credit at North Central Kansas Technical College.</i></p>	

MANUFACTURING PATHWAY

Production consists of planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing process engineering.

Introductory Level Courses	Career Options
<p>Intro to Industrial Technology BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 38001 Local Course Code: TEC199 An introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.</p> <p>Production Blueprint Reading BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 21108 Local Course Code: TEC400 Blueprint Reading courses provide students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints. They generally emphasize interpreting, not producing, blueprints, although the courses may provide both types of experiences. Blueprint Reading courses typically use examples from a wide variety of industrial and technological applications.</p>	Assembler Boilermaker Design Engineer Environmental Engineer Foundry Worker Freight, Stock, and Material Mover Health and Safety Representative
<p style="text-align: center;">Technical Level Courses</p> <p>CAD Drafting (Engineering I) ♦ BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 21107 Local Course Code: TEC401/TEC402 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> <p>Production Welding Processes I ♦ BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: None State Course Code: 39207 Local Course Code: TEC120/TEC121 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.</p>	Industrial Machinery Mechanic Inspector Labor Relations Manager Manufacturing Technician Pattern and Model Maker Production Manager Quality Control Technician Safety Engineer Welder
<p style="text-align: center;">Application Level Courses</p> <p>Advanced Drafting/CAD (Engineering II) ♦ BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: Drafting/CAD (Engin. I) State Course Code: 21150 Local Course Code: NEW! An advanced, application level course designed to build on and apply the skills learned in Drafting/CAD.</p>	

MANUFACTURING PATHWAY

Production Welding Processes II ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Production Welding I

State Course Code: 39208

Local Course Code: TEC122/TEC123

An application level course designed to instruct students in the knowledge and skills needed for solving fabrication problems, to weld joints in the V & OH positions, and perform Plasma cutting.

Articulation Agreement

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

MARKETING PATHWAY

Marketing Cluster is designed to prepare learners for careers and/or continuing education opportunities in planning, managing and performing marketing activities to reach organizational objectives. Students will learn skills in planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.

Introductory Level Courses	Career Options
<p>Business Essentials BSHS Credit: Technical Arts Grade Levels: 9-11 Term: Semester Prerequisite: None State Course Code: 12050 Local Course Code: BUS022</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>Advertising</p> <p>Brand Manager</p> <p>Content Marketer</p> <p>Digital Marketer</p> <p>Event Marketer</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Marketing BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Year Prerequisite: None State Course Code: 12164 Local Course Code: BUS062/BUS063</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>Business Management BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12052 Local Course Code: BUS024</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>Business Economics BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12105 Local Course Code: BUS023</p> <p>This course integrates economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law and risk).</p>	<p>Market Researcher</p> <p>Media Buyer</p> <p>Public Relations</p> <p>Search Engine Marketer</p> <p>Social Media Manager</p>

MARKETING PATHWAY

Business Communications

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: None

State Course Code: 12009

Local Course Code: BUS300

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

Term: Semester

Prerequisite: None

State Course Code: 12163

Local Course Code: NEW!

Sports and 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 and equipment.

Computer Graphics ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 10202

Local Course Code: TEC650/TEC651

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.

Web Page Design ♦

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Computer Apps

State Course Code: 10201

Local Course Code: TEC550/TEC551

This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website.

Accounting

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 12104

Local Course Code: BUS032/BUS033

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.

MARKETING PATHWAY

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: NEW!

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.

Articulation Agreement

Due to the recent addition of the Marketing Pathway, we are currently developing our Articulation Agreement.

MOBILE EQUIPMENT MAINTENANCE PATHWAY

The Mobile Equipment Maintenance pathway is designed to prepare students with the knowledge and skills necessary for continued education and, ultimately, a successful career in Facility & Mobile Equipment Maintenance occupations.

Introductory Level Courses	Career Options
<p>Intro to Industrial Technology BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 38001 Local Course Code: TEC199 An introductory level course designed to instruct students in the basic skills necessary to all occupations in the Construction, Manufacturing & Transportation areas.</p> <p>Business Essentials BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Semester Prerequisite: None State Course Code: 12050 Local Course Code: BUS022 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>Rail Car Repairer</p> <p>Electrical and Electronic Engineering Technician</p> <p>Signal and Track Switch Repairer</p> <p>Aircraft Mechanic</p> <p>Aircraft Service Technician</p> <p>Power Plant Mechanic</p> <p>Aircraft Engine Specialist</p>
<p style="text-align: center;">Technical Level Courses</p> <p>Entrepreneurship BSHS Credit: Technical Arts Grade Levels: 10-12 Term: Semester Prerequisite: None State Course Code: 12053 Local Course Code: BUS055 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>Small Gas Engines and Powertrains ♦ BSHS Credit: Technical Arts Grade Levels: 9-12 Term: Year Prerequisite: None State Course Code: 40212 Local Course Code: TEC042/TEC043 An application level course designed to provide students with advanced machining skills and further opportunities to apply those skills.</p>	<p>Industrial Electrician</p> <p>Avionics Technician</p> <p>Industrial Machinery Mechanic</p> <p>Bus and Truck Mechanic</p> <p>Diesel Engine Specialist</p> <p>Automotive/Truck Mechanic</p> <p>Motorcycle Mechanic</p>
<p style="text-align: center;">Application Level Courses</p> <p>Research and Emerging Trends in Transportation ♦ BSHS Credit: Technical Arts Grade Levels: 11-12 Term: Year Prerequisite: Teacher Approval State Course Code: 40251 Local Course Code: TR100/TR101 An advanced research and application course covering specific topics in transportation. Should include opportunities for IHT, OJT and/ or Internships.</p>	
<p style="text-align: center;">Articulation Agreement</p> <p style="text-align: center;"><i>Students who complete the Mobile Equipment Maintenance pathway may qualify for corresponding entry level course credit at Barton County Community College.</i></p>	

RESTAURANT AND EVENT MANAGEMENT PATHWAY

Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

Introductory Level Courses

Business Essentials

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 12050

Local Course Code: BUS022

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 & Life Planning

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 22207

Local Course Code: FAC002

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

Technical Level Courses

Culinary Essentials

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 16052

Local Course Code: FAC004

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.

Culinary Arts I

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Culinary Essentials

State Course Code: 34056

Local Course Code: FAC010/FAC011

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.

Career Options

Baker

Casino Manager

Caterer

Concierge

Convention Services
Manager

Director of
Operations – Lodging

Director of Tourism

Event Planner

Executive Chef

Facilities Manager

Museum Director

Reservations
Manager

Owner/Manager

Sports Promoter

Theme Park Manager

Tour and Travel
Guide

Travel Agent

RESTAURANT AND EVENT MANAGEMENT PATHWAY

Baking & Pastry I

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Culinary Essentials

State Course Code: 34057

Local Course Code: FAC014

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: 34059

Local Course Code: FAC020

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

Culinary Applications ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Teacher Approval

State Course Code: 34198

Local Course Code: FAC025/FAC026

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

Career and Community Connections ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Teacher Approval

State Course Code: 45250

Local Course Code: FAC007/FAC008

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: BUS034/BUS35

Students will practice skills of planning, organizing and controlling functions of operating a business while assuming the responsibilities and risk involved. Students will develop skills and in enterprise development, market analysis and financial preparation. This course 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.

Articulation Agreement

Students who complete the Restaurant and Event Management pathway may qualify for corresponding entry level course credit at Kansas City Kansas Community College and Flint Hills Technical College.

TEACHING AND TRAINING PATHWAY

The Teaching & Training career pathway consists of planning, managing, and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

Introductory Level Courses

Career & Life Planning

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 22207

Local Course Code: FAC002

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

Technical Level Courses

Teaching as a Career

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 19151

Local Course Code: ED100/ED101

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

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: None

State Course Code: 45004

Local Course Code: ED102

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: 22208

Local Course Code: ED110

Early Childhood Education courses address child development, care, and education issues, so that students can guide the development of young children in an educational setting. Study typically includes planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements for teaching young children.

Educational Leadership and Training A

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Pre-requisite: Teacher Approval

State Course Code: 19154

Local Course Code: NEW!

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

TEACHING AND TRAINING PATHWAY

Application Level Courses

Educational Leadership and Training B ♦

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Semester

Prerequisite: Ed. Leadership A

State Course Code: 19198

Local Course Code: NEW!

Course provides students with work experience in fields related to education. 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.

Teaching Internship ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Teacher Approval

State Course Code: 19152

Local Course Code: ED105/ED106

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 complete the Teaching & Training pathway may qualify for corresponding entry level course credit at Emporia State University, Pittsburg State University, and Washburn University.

WEB AND DIGITAL COMMUNICATIONS PATHWAY

The Web and Digital Communications pathway is designed to build linkages to Information Technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, communication, and systems integration services.

Introductory Level Courses

Computer Applications

BSHS Credit: Technical Arts

Grade Levels: 9-12

Term: Year

Prerequisite: None

State Course Code: 10004 Local Course Code: BUS015/BUS017

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

Technical Level Courses

Web Page Design ♦

BSHS Credit: Technical Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Computer Apps

State Course Code: 10201 Local Course Code: TEC550/TEC551

This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website.

Computer Graphics ♦

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12

Term: Year

Prerequisite: None

State Course Code: 10202 Local Course Code: TEC650/TEC651

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.

Digital Media Design & Production C (Sports Journalism)

BSHS Credit: Tech/Fine Arts

Grade Levels: 10-12

Term: Year

Prerequisite: Teacher approval

State Course Code: 30151 Local Course Code: TEC

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.

Career Options

Computer Support Specialist

Web Developer

Information Security Analyst

Network and Computer Systems Administrator

Software Developer

Technical Support Engineer

Computer Systems Analyst

Database Administrator

WEB AND DIGITAL COMMUNICATIONS PATHWAY

Gaming Concepts (Interactive Media) ♦

BSHS Credit: Tech Arts

Grade Levels: 9-12

Term: Semester

Prerequisite: none

State Course Code: 10203

Local Course Code: NEW!

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

Project Management and Resource Scheduling ♦

BSHS Credit: Technical Arts

Grade Levels: 11-12

Term: Year

Prerequisite: Technical level & teach approval

State Course Code: 21205

Local Course Code: TEC317/TEC318

Project Management courses provide students with the information and skills necessary for success in managing projects and operating logistical ventures in technology, business, and industry. This course covers scheduling of resources (including personnel, budget, timelines, and equipment), utilization of Gantt charts, economic principles within the workplace, and risk management. Other possible topics include developing a business plan, finance, business law, marketing and promotion strategies, insurance employee/employer relations, problem-solving and decision-making, and building leadership skills. These courses may also incorporate a survey of the careers within technology and engineering industries.

Articulation Agreement

Students who complete the Web and Digital Communications pathway may qualify for corresponding entry level course credit at North Central Kansas Technical College and Washburn University.