Belton High School

Career and Educational Planning Guide



2025 - 2026

Guide to Course Offerings
Grades 9-12
2025 - 2026

Belton High School
(816) 489-7500

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A Note from the Principal...

Dear BHS Families…

It is the time when we straddle two school years and consider how our students and their parent(s)/guardian(s) are asked to carefully select courses for the 2022-23 school year. We acknowledge these to be important decisions. These are decisions which have an impact on future experiences. We hope everyone has established a time and place where discourse and processing can occur without distraction. However, this should not be an overwhelming exercise.

The collection of experiences during the four-year journey is what matters most, and much of what one will take follows a natural sequence. As you'll likely hear repeated time and again, we do encourage each of our students to challenge themselves with a rigorous curriculum. We encourage them to select coursework which allows them to explore. We urge them to heed the advice of their respective teachers and counselors.

We also insist everyone consider the importance of "balance" when making their selections. "Balance" as it relates to the collection of courses one takes at a particular time as well as finding "a balance" between the rigors of these courses and the activities one is involved either after school or away from school that produce their own set of challenges.

One of our favorite themes is "Life is Good." We sincerely believe it and encourage those in our community to decide to make this paradigm their habit. We celebrate a solid 2022-23 effort thus far, and we embrace the process to make for another one in 2023-24. Yes, "Life is Good."

With this communication, we also welcome all families with a connection to the members of the Classes of 2027. We look forward to you joining us at Belton High School next school year. In addition, we offer our encouragement to the members of the Classes of 2027 who will begin their high school journey in seven short months.

Our BHS mission is to graduate college and career ready students through engagement in personalized, relevant learning experiences. The process of guided enrollment represents an initial step toward this end. As a staff, we look forward to continuing on this journey together, making some memories and working diligently to strengthen the experience for all.

Sincerely,

Torrence Allen

Belton High School Graduation Requirements

	Belton High School
English Language Arts	4 units Must include 1 unit in a core English class for each grade 9-12.
Math	3 units (must be earned in grades 9-12) Recommended: 1 unit each of Algebra, Geometry and Algebra II
Science	3 units Must include 1 unit of Biology or Honors Biology. One unit of a physical science (such as Chemistry, Physics or Physical Science) is strongly recommended.
Social Studies	3 units Must include 1 unit each of American History and American Government or Political Science. One unit of social studies (such as World History, Psychology or General Psychology 1100, Sociology, Criminal Law, or Civil Law) Must pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.
Fine Arts	1 unit Options include Music, Theatre, Visual Arts courses.
Oral Communication	.5 unit Options include Speech & Debate and select Theatre courses.
Practical Arts	.5 unit Options include Business & Marketing, FACS, Computer Courses, etc.
Pers. Finance	.5 unit Online or in-person classes are available.
Phys. Ed. 1.0 Health 0.5	1.5 units 30 minutes of CPR & Heimlich maneuver or choking first aid is required.
Electives	9 units Self-select
Total	**26** Needed to graduate

Core Content Classes… 4 Year Progression

Students should refer to respective Academy progression charts beginning on page 17.

	Grade 9	Grade 10	Grade 11	Grade 12
Language Arts **4 credits**	English I Honors English I	English II Honors English II	English III Honors English III AP Lang & Comp	English IV Poetry & Creative Writing AP Lit & Comp College English 110/124
Math **3 credits***	Algebra I Adv Algebra II	Geometry Adv Algebra II Algebra III Pre Calculus	Geometry Algebra II Adv Algebra II Algebra III Math for Liberal Arts Pre Calculus Calculus	Algebra III Math for Liberal Arts Pre Calculus Calculus Statistics
Science **3 credits**	Physical Science Honors Biology	Honors Biology Biology Chemistry Physics	Chemistry Physics AP Biology AP Chemistry AP Physics AP Environ Science Anatomy & Physiology Forensic Science Botany & Zoology	Students planning to pursue a science-related career are highly recommended to complete a 4th science credit
Social Studies **3 credits**	American History Honors Amer History	World History AP World History AP Human Geography	American Government UMKC Political Sci 210	Students planning to pursue a social studies-related career are highly recommended to complete a 4th social studies credit.

***Students planning to attend college are highly encouraged to complete a 4th math credit.**

Admissions Requirements for Post High School Options

(It is recommended that admissions requirements for the college/university you are interested in attending be verified.)

Type of Credit	University of Missouri (MU) System	4 Year Colleges (e.g. UCM, MSU)	Technical College	Work Force	Apprenticeship
English Language Arts	4	4	High School Diploma, GED or Completion of a Home School Program.	High School Diploma	Most require a High School Diploma or a GED and must be at least 18 years of age.
Mathematics	4 Alg I and higher	3 required 4 recommended Alg I and higher			
Science	3 2 of 3 from Bio, Chem, Physics & Earth Science	3 No General Science; 1 must be a lab class			
Social Studies	3 Incl: .5 Amer Govt	3 Incl: .5 Amer Govt			
Fine Arts	1	1			
Practical Arts	0	0			
Phys Ed	0	0			
Electives	5	6			
Additional Electives	2 2 years of the same World Language	3 Selected from World Language and/or Core Classes			
Total Credits	22 Plus an appropriate ACT score and Core GPA on a sliding scale. A 23 ACT score and a Core GPA of 2.8 is a guaranteed admission. A 17 ACT score will require a Core GPA of 3.65.	23 Additional GPA and ACT score criteria are required for guaranteed admission. Students should check University websites for specific requirements.			

Cum Laude

Minimum qualifications for "Graduation with Honors" during four years /eight semesters of high school.

Summa cum laude

*Cumulative GPA**	*ACT or SAT*	*EOCs*	*AP Exam Score*	*27 + HS Credits*	*College prep req*	*Extra curricular*
4.0	*30 ACT 1390 SAT*	*All Prof*	*4 High School Credits of AP/DC with an A*	*x*	*x*	*4*

Magna cum laude

*Cumulative GPA**	*ACT or SAT*	*EOCs*	*AP Exam Score*	*27 + HS Credits*	*College prep req*	*Extra curricular*
3.8	*26 ACT 1240 SAT*	*All Prof*	*3 High School Credits of AP/DC with an A or B*	*x*	*x*	*3*

Cum laude

*Cumulative GPA**	*ACT or SAT*	*EOCs*	*AP Exam Score*	*27 + HS Credits*	*College prep req*	*Extra curricular*
3.5	*22 ACT 1100 SAT*	*All Prof*	*2 High School Credits of AP/DC with an A or B*	*x*	*x*	*2*

Academies of Belton

Belton School District is working within the Ford Next Generation Learning (Ford NGL) framework to transform Belton HIgh School. The Framework is composed of three distinct, but interconnected strands, which enable the community to design and carry out the plan. The Ford NGL framework outlines a process which involves all community stakeholders.

Ford NGL Three Strands



College, Career and interest-themed academies provide the model for transforming the secondary school experience. The academies provide a foundation for the mastery of academic, **21st century skills, and technical knowledge and skills to prepare students for high interest, high skill and high wage employment. Additionally, the high expectations and academic rigor of college preparatory academic programs are infused with real-world relevance and rigor of Career Technical Education.

Students choose a Career Pathway within an Academy that uses the power of workplace relevance and business relationships to excite young people about their education. An example would be the Human Services Academy. Within the academy, pathways include careers in Educational, Health and Public Services.

Three key characteristics are at the foundation of Career and Interest-Themed Academies:

- The career or thematic program of study supports an **area of personal interest and integrates it with core academic knowledge.** This program of study is supported by a small learning community.
- The academies are part of a district strategy to offer **a portfolio of approaches (multiple pathways)** so that every student has the opportunity to choose a program that fits a personal interest.
- The programs offer **extensive real-world contact with adults** currently working in the field or area of interest, and they enable students to earn dual enrollment and/or articulated college-level credits while still in high school.

As student engagement is enhanced, improvement in student achievement is expected. This, we believe, contributes to a stronger workforce and ultimately, strengthened economic development and community prosperity.

In the Fall of 2019 the Class of 2023 entered Belton High School as the first class to fully participate in the Academies as members of the first Freshman Academy. Each year, In preparation for their Sophomore year, students select a preferred Academy and utilize the Curriculum Pathways in this document as a guide for enrollment.

Additionally, in collaboration with the Kauffman Foundation Belton School District is a member of the Real World Initiative. Integrated into the academy model the goal is that each graduating senior will have acquired at least one Market Value Asset* during their high school career.

***MVA (Market Value Asset)** Market Value Assets are defined as industry-valued and recognized skills acquired in high school that create a more seamless transition from school to postsecondary education and/or the workplace. Included are Work Experience, College Credit, IRCs,and Entrepreneurial Experiences.

****21st Century Skills -** Collaboration, Communication, Critical Thinking, Creativity

Freshman Academy

All students will begin their high school experience as a part of the Freshman Academy. The academy is divided into heterogeneous freshman teams to which each student will be assigned. The teams are designed to support students within smaller learning communities to assist with their success in high school.

Freshman teams consist of a team of core content teachers and a Freshman Seminar teacher. Benefits to the students include:

- Participation in small learning communities with a core group of teachers and peers.
- Acquisition of essential skills in the acclimation of high school expectations and routines within a supportive and nurturing environment.
- Engaging in team-based activities to develop personal skills and to explore talents.
- Discovering personal interests and skills to prepare for the selection of and participation in an academy and pathway for the duration of their high school career, sophomore through senior years.

The Freshman student's course schedule includes the following:

English I or Honors English I
Physical Science or Honors Biology
American History or Honors American HIstory
Algebra I or Advanced Algebra II
Algebra I Plus* - or - Elective
Freshman Seminar (required elective)
Elective
Elective

***Algebra I Plus is a required course for all Freshman students enrolled in Algebra I. (This affords students the opportunity for Algebra instruction to be delivered daily, differentiated academic support across all core content areas, preparation for the ACT and EOC exams.) Students will earn an Elective credit for the Algebra I Plus course.

Assessments

EOC Students in Missouri are expected to complete End of Course (EOC) assessments in the following courses: English 2 (Sophomore English), Algebra 1, Algebra 2 (if Algebra 1 was taken prior to high school), Biology, and Government.

The following standardized tests are offered to Belton HIgh School students...

ACT (American College Testing Program)
The ACT is a battery of four examinations in English, math, reading, and science reasoning, each of which yield separate scores measuring developed abilities. The test is required by many colleges as part of the application process for admission.

Pre-ACT
The Pre-ACT is designed for sophomores. It simulates the ACT testing experience with an English, math, reading and science reasoning portion. It gives a prediction score for how students will perform on the ACT.

ACT WorkKeys
WorkKeys Assessments measure foundational skills required for success in the workplace and help measure the workplace skills that can affect job performance.

Advanced Placement (AP) Testing
Students enrolled in AP courses are encouraged to complete the AP examination for which the course has prepared them. Information is available from the teachers of the AP courses. Each college or university determines which of these examination scores it will accept. It is important for students to have accurate information from the school they plan to attend regarding the acceptance of AP credit.

ASVAB (The Armed Services Vocational Aptitude Battery)
The ASVAB measures students' strengths and potential for future success. The ASVAB also provides career information for various civilian and military occupations and is an indicator for success in future endeavors including college, vocational school, or a military career. All BHS students will take the ASVAB during their sophomore year.

IRC (Industry Recognized Credential) Industry Recognized Credentials allow students to demonstrate mastery of knowledge and/or skills. They can increase job prospects, marketability to employers and employability, as well as options for postsecondary education

PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)
The PSAT/NMSQT measures verbal and mathematical reasoning skills important for academic success in college. It serves three purposes: gives the student practice for the SAT I; is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs; gives the student the opportunity to participate in the Student Search Service. This test is taken in the junior year for NMSQT qualification. Sophomores may take the PSAT/NMSQT to practice for their junior year and to qualify for the Missouri Scholars Academy.

SAT I (Scholastic Aptitude Test)
SAT I is a test used to predict student performance in college. Required by some schools as part of the application process, this three-hour test has two main sections—verbal and math.

TSA (Technical Skill Attainment)
A TSA measures students' ability in a specific career path. The assessment is aligned with industry-recognized standards. The test is taken at the end of select programs which is usually the senior year.

Special Programs

A+ Schools Program

Students who take part in the A+ program must meet requirements for GPA (unweighted cumulative 2.5 points or higher on a 4-point scale), score proficient or advanced on a math EOC or qualifying score on the math section of the ACT, attendance (an overall rate of at least 95 percent for grades 9 through 12) and good citizenship at school and in the community and avoid the use of illegal drugs and/or alcohol (Suspensions involving drugs/alcohol/violence will result in the immediate removal from the A+ program). Students must also complete 50 hours of district-staff supervised unpaid mentoring or tutoring and meet any additional state requirements. Qualifying seniors may earn hours while enrolled in the A+ Seminar Course.*****

High school students who complete the state's A+ Schools Program ***may earn two years of paid tuition at a public community college or an eligible career or technical school in Missouri.*** Students will be eligible for A+ funding pending Missouri General Assembly appropriating funds.

*****On-site volunteer opportunities available include: Assisting ESL students; Assisting in LCCE classrooms; Lifeguard in swimming classes.

Dual Credit

Belton High School offers the following courses for dual credit. (The student receives high school and college credit.) **College fees are substantially reduced and tuition is paid directly to the college**. Cost is approximately $90 per credit hour for UMKC and UCM classes and $51.50 per credit hour for MCC classes. A limited number of partial scholarships are available through UMKC. College textbooks are provided. All instructors meet Higher Learning Commission qualifications. (Master's Degree and adjunct professor status at the respective college). Students will receive weighted credit for these courses. The Belton School District currently offers Dual Credit for the following courses through these colleges/universities:

College English 110/214 – UMKC
Elem Span I 110– UMKC
Elem Span II 120– UMKC
Second Yr Span I 211 - UMKC
College French III – UMKC
College French IV – UMKC
Political Science 210 – UMKC
American History 101 – UMKC
American History 102 – UMKC
Psychology 1100 - UCM*****
Mathematics for Liberal Arts – UMKC
Pre Calculus- UMKC
Calculus – UMKC
Elementary Statistics - UMKC
College Marketing – MCC
Early Childhood Professions II – UCM*****
Professions in Education - UCM*****
College Competitive Debate – MO State
Computer Concepts & Applications - MCC
Leadership in Research - UCM*****

*****UCM offers students who take a UCM dual credit course a $1000 a year (renewable) scholarship

Dual Enrollment

The Academies of Belton Business Institute- 11th and 12th grade students in the Business & Technology Academy with a minimum GPA of 3.0 are eligible to participate in the Academies of Belton Business Institute. Through the Business Institute students will earn 12 college credits per year while being taught by Metropolitan Community College instructors at the Technical & Training Center of Cass County.

Year 1 Courses

ACC 101: Accounting Principles I	3CR
ACC 102: Accounting Principles II	3CR
BUSN 130: Entrepreneurship	3CR
COMM 100: Fundamentals of Speech	3CR

Year 2 Courses
Available for the 2026-2027 School Year

The Academies of Belton Public Service Institute- 11th and 12th grade students in the Human Services Academy with a minimum GPA of 3.0 are eligible to participate in the Academies of Belton Public Service Institute. Through the Public Service Institute students will earn 12 college credits per year while being taught by Metropolitan Community College instructors at the Technical & Training Center of Cass County.

Year 1 Courses

SOCI 160: Sociology	3CR
CRJU 101: Intro to Criminal Justice	3CR
SOCI 163: Contemporary Social Issues	3CR
COMM 100: Fundamentals of Speech	3CR

Year 2 Courses
Available for the 2026-2027 School Year

The Academies of Belton Healthcare Institute- 11th and 12th grade students in the Human Services Academy with a minimum GPA of 3.0 are eligible to participate in the Academies of Belton Healthcare Institute. Through the Healthcare Institute students will earn 23 college credits over two years while being taught by Metropolitan Community College instructors at the Technical & Training Center of Cass County.

Year 1 Courses

SOCI 160: Sociology	3CR
COMM 100: Fundamentals of Speech	3CR
BIOL 132: Human Nutrition	3CR
BIOL 150: Medical Terminology	3CR

Year 2 Courses
Available for the 2026-2027 School Year

Launch Virtual Learning

Launch is a purpose-driven virtual course access program based in Springfield Public Schools. Belton School District partners with Launch to offer students access to middle school and high school virtual courses.

All Launch courses are built by Springfield Public Schools curriculum specialists, teachers, and digital developers and are directly aligned to Missouri Learning Standards. Each Launch course is taught by a highly qualified Missouri educator that lives in and works at a Launch partner district. For more detailed information please refer to the information here. https://www.beltonschools.org/additional-links-2

Off Campus Opportunities

Belton High School offers students the opportunity to apply to programs that are offered off-campus. All programs have limited enrollment; the most qualified students will be selected to attend where program openings are available. Courses are available at Cass Career Center in Harrisonville, MO. Students are required to utilize the bus transportation from Belton High School provided daily.

Online Courses

Technology is becoming increasingly available and the skills required to use technology are essential for college or career success. Belton High School is consistently adding to the online offerings. The online courses use Canvas, an online learning management system, to conduct and manage classes. Click the linked title for a detailed course list.

Project Lead the Way (PLTW)

PLTW offers dynamic high school programs providing students with real-world learning and hands-on experiences. Students interested in engineering, biomedical sciences, and computer science will discover PLTW is an exciting portal into these industries. The Capstone Course for each PLTW pathway receives a weighted grade and students may have the option to receive college credit.

Weighted Courses

All courses which have the potential of college credit receive an additional grade point. These courses are marked with an (*) asterisk.

WeMET Courses

The Belton School District is pleased to participate with the WeMET University of Central Missouri (UCM) consortium to offer our students dual credit with online classes. Some of the classes have a Prerequisite that must be met before enrollment into the course. Students who meet the Prerequisite should work with the Belton High School counseling office to register for UCM and enroll in the class. The session dates and deadlines for UCM WeMET may vary from Belton High School courses and semesters.

*College Intro to Criminal Justice
*College Personal Finance
*College Experiencing Music
*College Psychology
*College Sociology
*College Elementary Spanish I
*College Elementary Spanish II

Advanced Placement (AP) Courses

AP gives students the chance to tackle college-level work while they're still in high school and earn college credit and placement.

By taking an AP course and scoring successfully on the related AP Exam*, you can save on college expenses: most colleges and universities nationwide offer college credit, advanced placement, or both, for qualifying AP Exam scores. These credits can allow students to save college tuition, study abroad, or secure a second major. AP can transform what once seemed unattainable into something within reach.

Which students should enroll in AP courses?

Any student willing and ready to do the work should be considered for an AP course. The College Board actively endorses the principles set forth in the following Equity Policy Statement and encourages schools to support this policy. The College Board and the Advanced Placement Program encourage teachers, AP Coordinators, and school administrators to make equitable access a guiding principle for their AP programs. The College Board is committed to the principle that all students deserve an opportunity to participate in rigorous and academically challenging courses and programs.

All BHS students who are willing to accept the challenge of a rigorous academic curriculum are encouraged to enroll in AP courses. The following are AP courses offered during the 2023 - 2024 school year.

AP 2-D Art & Design
AP Drawing
AP 3-D Art & Design
AP Biology**
AP Chemistry
AP Computer Science Principles (CSP)
AP Computer Science A (CSA)
AP Environmental Science**
AP Physics
AP Microeconomics**
AP Macroeconomics**
AP English Language & Composition
AP English Literature & Composition
AP World History
AP Human Geography

*** Note**: There is a required registration and fee for all AP Exams. Counselors and teachers can provide details and deadlines.
** Offered every other year
Several **Honors** courses are also offered at BHS. Although neither an exam nor college credit is associated with a Honors course, the experience provides students with an understanding of the rigor associated with AP curriculum and assists with the preparation for enrollment in AP courses in the future. Honors courses offered during the 2023 - 2024 school year include:

Honors Biology
Honors American History
Honors English I
Honors English II

Career & Technical Student Organizations

Career and Technical Student Organizations (CTSOs) are recognized as integral to the career and technical education program. CTSOs provide a unique program of career and leadership development, motivation and recognition. Career and technical educators recognize the importance of providing students with job and career-related training that complements the job-specific skills needed for entry into a particular field. Students are able to compete in their organization.

Distributive Education Clubs of America (DECA) is an international organization, which prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges. DECA enhances the preparation for college and careers by providing programs that integrate into classroom instruction, applying learning in the context of business, connecting to business and the community and promoting competition. Student members are academically prepared, community oriented, professionally responsible, and experienced leaders. To be in DECA a student must be enrolled in a marketing cluster class. Courses for this organization begin on page 29 .

Future Business Leaders of America (FBLA) The mission is to bring business and education together through innovative leadership and career development programs. Activities include career exploration, civic service, economic education and technical skill advancement. FBLA-PBL also works to encourage and support entrepreneurship. Courses for this organization begin on page 29.

Family, Career and Community Leaders of America (FCCLA) is a dynamic and effective national student organization designed to help young men and women become leaders and address important personal, family, work and societal issues. FCCLA offers members the opportunity to expand their leadership potential and develop skills for life – planning, goal setting, problem solving, decision-making and interpersonal communication. Courses for this organization begin on page 41.

Future Farmers of America (FFA) is a national organization of students preparing for careers in food, fiber and natural resources systems. Activities, honors and awards programs provide students with incentives and practical experiences in the application of knowledge, acquired through class and laboratory instruction. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education. Courses for this organization begin on page 17.

HOSA: Future Health Professionals is a national student organization recognized by the U.S. Department of Education and the Health Science Education (HSE) Division of ACTE. HOSA's two-fold mission is to promote career opportunities in the healthcare industry and to enhance the delivery of quality healthcare to all people. HOSA's goal is to encourage all health science instructors and students to join and be actively involved in the HSE-HOSA Partnership. Courses for this organization begin on page 57 .

Technology Student Association (TSA) is the national organization for technology education students. The mission of the Technology Student Association is to prepare our membership for the challenges of a dynamic world by promoting technological literacy, leadership, and problem solving, resulting in personal growth and opportunity. TSA is the only student organization devoted exclusively to the needs of technology education students who are presently enrolled in, or have completed, technology education courses. Courses for this organization begin on page 34.

Educators Rising is a career and technical student organization (CTSO) with intra-curricular learning opportunities integrated into existing education and training programs. Educators Rising is a community-based movement that provides Grow Your Own programming through the Educators Rising Curriculum and supporting student activities. Students have the opportunities to compete in Education based competitions, attend professional development and conferences and apply for scholarships.

High School Athletic & Activity Eligibility

Missouri State High School Activities Association Eligibility (MSHSAA)

Knowing and following all MSHSAA standards will enable a student to protect his/her eligibility for MSHSAA interscholastic competition. Activity participation should be for all students making appropriate progress toward graduation and otherwise in good standing.

Grades 9-12 Requirements: A student in Grades 9-12 must meet the following requirements in order to be academically eligible to participate in interscholastic activities:

- Semester Prior to Participation: The student shall have earned, the preceding semester of attendance, a minimum of 3.0 units of credit or have earned credit in 80% of the maximum allowable classes in which a student can be enrolled in the semester, whichever is greater, or a student must have made standard progress for his or her level the preceding semester in a special education program for the handicapped approved by the Missouri State Department of Education which, though ungraded, enrolls pupils of equivalent age.
- Semester of Participation: The student shall currently be enrolled in and regularly attending courses that offer 3.0 units of credit or 80% of the maximum allowable credits which may be earned, whichever is greater; or a student must be enrolled in a full course at his or her level in a special education program for the handicapped approved by the Missouri State Department of Education which, though ungraded, enrolls pupils of equivalent age.
- 80% Credit Requirement: The calculation of the credit requirement described in a-1 and a-2 above for all enrolled students at the school shall be based on the maximum allowable classes in which a student can be enrolled at the member school during the normal school day due to the academic system that the member school has selected (7-hour day, block schedule, etc.) Credits earned in school-sponsored "extra" classes taken beyond the normal school day may be used toward academic eligibility. Internet classes offered by and at the member school and which are completed no later than the close of the semester with credit placed on the student's transcript can be counted toward academic eligibility. (See also By-Law 2.3.4 regarding other courses that may be utilized.) SECTION 2 MSHSAA OFFICIAL HANDBOOK Page 44.
- Entry into 9th Grade: A beginning 9th grade student shall have been promoted from 8th grade to 9th grade for first semester eligibility.
- A student must be making satisfactory progress towards graduation as determined by local school policies.

Taken from the MSHSAA Official Handbook

Dual Enrollment: Students planning to participate in dual enrollment classes should visit with their counselor or the Athletic/Activities Director to ensure they will be eligible to participate in MSHSAA-sanctioned activities. More information can be found on the MSHSAA website.

For information regarding Academic Requirements for Collegiate Athletics…
National Association of Intercollegiate Athletics (NAIA)
National Collegiate Athletic Association (NCAA)

Business
&
Technology
Pathway Coursework



Pathway Course Sequences
Core Content Enrollment Recommendations

A&F Account & Finance M&M Mktng & Mgmt IT Informational Tech Cul Culinary Des Design

Freshman	Sophomore		Junior			Senior		
English Lang Arts	*4 credits required for graduation*							
English I	*English II*	*Honors English II*	*English III*	*Honors English III*	**AP Lang & Composition*	*Poetry / Creative Writing*	*English IV*	**AP Lit & Composition*
Honors English I		*Honors English II*		*Honors English III*	**AP Lang & Composition*			**AP Lit & Composition*
*****Mathematics***	*3 credits required for graduation* *Students planning to attend college are strongly encouraged to enroll in four years of math.*							
Science	*3 credits required for graduation*							
Physical Sci	*Biology*	*Honors Biology*	*Chemistry*	*Physics*		Forensic Science Or Botany & Zoology	* AP Physics	
Honors Bio	*Chemistry*	*Physics*	**AP Biology*	*AP Chemistry		*AP Environ Science	*AP Chemistry	
Social Studies	*3 credits required for graduation*							
American History	*World History*	**AP World History*	*American Government*			**Political Science*		
Honors Amer Hist		**AP World History*	**Political Science*			**American History 101/102*		

College credit available

****Note… Math Enrollment Guidance (See sequence chart on page 75)***

Business & Technology
Accounting & Finance

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Introduction to Business	x	x				x			0.5
Accounting I		x	x			x			1.0
Accounting II			x	x		x			1.0
Digital Literacy		x	x	x		x			0.5
Business Capstone -or-				x		x			1 - 2
MCC Business Institute**			x	x		x			2-4

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Marketing I		x	x	x				x	1.0
Economics		x	x	x				SS	0.5
AP Microeconomics			x	x	Y	x			0.5
AP Macroeconomics			x	x	Y	x			0.5
CSIS 115: Comp Concepts & Apps		x	x	x	Y	x			0.5
Foreign Language (2 years recommended	x	x	x	x				x	2.0

*Pathway students are not obligated to take suggested pathway electives. Students are encouraged to explore elective coursework in all areas and enroll in elective courses they believe will best enhance their high school experience and prepare them for success in their chosen career pathway.

** Accounting & Finance Pathway students who participate in the MCC Business Institute are not required to take Accounting II or Business Capstone.

Communication *is a critical skill for students to master regardless of their career interest or pathway. A semester of Oral Communication is a graduation requirement for all BSD students. BHS students are encouraged to consider enrollment in more than one semester of courses which fall under the oral communication category during their high school career. Courses offered which meet this requirement may be found in the Speech & Debate and Theatre sections of this CEPG.*

Business & Technology
Marketing & Management

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Digital Literacy		x	x	x		x			0.5
Marketing I - or -		x				x			1.0
Sports & Entertainment Marketing		x				x			0.5
Marketing II			x	x		x			1.0
Accounting I		x	x	x		x			1.0
Pirate Store Intern -or-			x	x		x			1.0-2.0
Marketing Work Release -or-				x		x			1.0 - 2.0
MCC Business Institute**			x	x		x			2-4

Suggested Pathway Electives

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Economics								SS	0.5
AP Microeconomics			x	x	Y	x			0.5
AP Macroeconomics			x	x	Y	x			0.5
College Marketing				x	Y	x			1.0
Digital Art & Design		x	x	x			x		0.5
Web Design		x	x	x		x			0.5
Foreign Language(2 years recommended)	x	x	x	x				x	1.0

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**Marketing & Management Pathway students who participate in the MCC Business Institute are not required to take Accounting I, Pirate Store Intern, or Marketing Work Release.

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Business & Technology

Information Technology- Computer Science Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Computer Science Essentials (CSE)	x	x				x			1.0
AP Comp Science Principles (CSP)		x	x	x	Y	x			1.0
AP Comp Science A (CSA) - or -			x	x	Y	x			1.0
Cybersecurity (SEC)		x	x	x		x			1.0
Tech Problem Solving			x	x				x	0.5-1.0
IT Support Internship			x	x				x	0.5-1.0

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Digital Literacy		x	x	x		x			0.5
Web Design		x	x	x		x			0.5
Computer Hardware Systems		x	x	x		x			0.5
Computer Network Systems		x	x	x		x			0.5

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Business & Technology

Information Technology- Computer/Network Technician Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Computer Science Essentials (CSE)	x	x				x			1.0
Computer Hardware Systems		x	x	x		x			.5
Computer Network Systems		x	x	x		x			.5
Cybersecurity (SEC)		x	x	x		x			1.0
Tech Problem Solving			x	x				x	0.5-1.0
IT Support Internship			x	x				x	0.5-1.0

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Web Design		x	x	x		x			0.5
Digital Literacy		x	x	x		x			.5
AP Comp Science Principles (CSP)		x	x	x	Y	x			1.0
AP Comp Science A (CSA) - or -			x	x	Y	x			1.0
Cybersecurity (SEC)		x	x	x		x			1.0

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Business & Technology

Culinary

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Nutrition & Wellness	x	x	x	x		x			0.5
Culinary Fundamentals	x	x				x			0.5
ProStart I		x	x			x			1.0
ProStart II			x	x		x			1.0
ProStart Internship				x	Y	x			1.0

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Acting 1- Recommended for Culinary Pathway to fulfill Oral Language requirement.	x	x	x	x				Oral Comm	0.5
Intro to Ag Food & Natural Resources	x	x				x			1.0
Food & Science Safety			x	x		x			1.0
Baking & Pastry			x	x		x			0.5 -1.0
Digital Literacy		x	x	x		x			0.5
AP Environmental Science			x	x	Y			Sci	1.0
Foreign Language (2 years recommended)	x	x	x	x				x	1.0

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Business & Technology

Design- Fashion & Interior Design Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Fund of Fashion & Interior Design	x	x	x	x		x			0.5
Adv. Fashion Design & Construction (Formerly- Fashion Apparel & Textile Design)		x	x	x		x			0.5
Adv. Interior Design (Formerly- Housing Environ & Design)		x	x	x		x			0.5
Fashion/Interior Design & Merchandising (Formerly- Fashion & Interior Design Studio)			x	x		x			0.5
Apparel and Textile Marketing Management				x		x			0.5

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Art Foundations: Design & Sculpture	x	x	x	x			x		0.5
Art Foundations: Draw & Paint	x	x	x	x			x		0.5
Studio Art 2: AP Drawing			x	x				x	0.5
Digital Literacy		x	x	x		x			0.5
Career Photo		x	x	x			x		0.5
Digital Art & Design		x	x	x			x		0.5
Tech Theater	x	x	x	x		x			0.5
Foreign Language (2 years recommended)	x	x	x	x				x	1.0

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Business & Technology
Design- Graphic Design Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Art Foundations: Design & Sculpture	x	x	x	x			x		0.5
Digital Art & Design		x	x	x			x		0.5
Digital Communications & Journalism	x	x	x	x				x	1.0
Digital Marketing & Design			x	x			x		1.0-2

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Art Foundations: Draw & Paint	x	x	x	x			x		0.5
Studio Art 2: AP Drawing			x	x				x	0.5
Broadcast Journalism		x	x	x				x	1.0
Marketing I		x	x	x				x	1.0
Sports & Entertainment Marketing		x	x	x				x	0.5
Tech Theater	x	x	x	x		x			0.5
Foreign Language (2 years recommended)	x	x	x	x				x	1.0

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Human Services Pathway Coursework



Pathway Course Sequences
Core Content Enrollment Recommendations

Ed ***PK-12 Education*** ***HS*** ***Health Services*** ***PS*** ***Public Services***

Freshman	***Sophomore***	***Junior***	***Senior***

English Lang Arts	*4 credits required for graduation*							
English I	*English II*	*Honors English II*	*English III*	*Honors English III*	**AP Lang & Composition*	*Poetry / Creative Writing*	*English IV*	**AP Lit & Composition*
Honors English I		*Honors English II*		*Honors English III*	**AP Lang & Composition*			**AP Lit & Composition*
*****Mathematics***	*3 credits required for graduation* *Students planning to attend college are strongly encouraged to enroll in four years of math.*							
Science	*3 credits required for graduation*							
Physical Sci	*Biology*	*Honors Biology*	*Chemistry*	Anat & Phys (HS)	Forensic Science (HS & PS)	Forensic Science (HS)	Anat & Phys (HS)	**AP Environ Science*
Honors Bio	*Chemistry*	**AP Chemistry*		Anat & Phys (HS)		**AP Biology*	**AP Chemistry*	**AP Environ Science*
Social Studies	*3 credits required for graduation*							
American History	*World History*	**AP World History*	*American Government*	**General Psych 1100*		**Political Science*	**General Psych 1100*	
Honors Amer Hist		**AP World History*	**Political Science*	**General Psych 1100*		**American History 101/102*	**General Psych 1100*	

****College credit available***

*****Note… Math Enrollment Guidance (See sequence chart on page 75)***

Human Services
PK - 12 Education

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Human Development		x	x	x		x			0.5
Early Childhood Professions I			x	x		x			1.0
Early Childhood Professions II - and/ or				x	Y	x			1.0
Professions in Education			x	x	Y	x			1.0

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
FACS Internship Ed & Training			x	x		x			1.0
Psychology - or -	x	x	x	x				SS	0.5
General Psychology 1100			x	x	Y			SS	1.0
Sociology		x	x	x				SS	0.5
French (2 years recommended) -or-	x	x	x	x				x	1.0
Spanish (2 years recommended)	x	x	x	x				x	1.0
Courses associated with content interested in teaching. (Art, Music, PE, Science, etc.)	x	x	x	x					0.5-1.0

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Human Services

Health Services- Healthcare Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
*Principles of Bio Medicine	x	x						Sci	1.0
*Human Body Systems		x						Sci	1.0
Medical Interventions			x					Sci	1.0
BioMedical Innovations				x				Sci	1.0

Suggested Pathway Electives^

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Forensic Science			x	x				Sci	1.0
Anatomy & Physiology			x	x				Sci	1.0
Advanced Life Saving Skills		x	x	x				PE	0.5
Psychology - or -	x	x	x	x				SS	0.5
General Psychology 1100			x	x	Y			SS	1.0
Foreign Language (2 years recommended)	x	x	x	x				x	1.0
MCC Healthcare Institute			x	x	Y				2-4

+Freshmen who earn at least a B in Physical Science and are interested in the Collegiate Pathway could modify the sequence.

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Communication *is a critical skill for students to master regardless of their career interest or pathway. A semester of Oral Communication is a graduation requirement for all BSD students. BHS students are encouraged to consider enrollment in more than one semester of courses which fall under the oral communication category during their high school career. Courses offered which meet this requirement may be found in the Speech & Debate and Theatre sections of this CEPG.*

Human Services
Health Services- EMT/CNA Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Physical Science or Biology	x	x						Sci	1.0
*Principles of Biomedical Sciences	x	x						Sci	1.0
Emergency Medical Technology-Basic (EMT) - Cass Career Center* or			x	x	Y				3.0
Certified Nursing Assistant (CNA) - Cass Career Center*			x	x	y				3.0

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Human Body Systems (HBS)		x	x	x				Sci	1.0
Forensic Science			x	x				Sci	1.0
Anatomy & Physiology			x	x				Sci	1.0
Advanced Life Saving Skills		x	x	x				PE	0.5
Psychology - or -	x	x	x	x				SS	0.5
General Psychology 1100			x	x	Y			SS	1.0
Foreign Language (2 years recommended)	x	x	x	x					1.0

*It is strongly recommended that students who take Principles of Biomedical Sciences their freshman year take Human Body Systems their sophomore year.

All Cass Career Center programs have limited enrollment; the most qualified students will be selected to attend where program openings are available. Considerations for placement will include Academy/Pathway alignment with the requested program, GPA, attendance history and behavior history.

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Human Services
Public Services- Social Science Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership I		x	x	x		x			0.5
Sociology		x	x					SS	0.5
Psychology - or -	x	x	x	x				SS	0.5
General Psychology 1100			x	x	Y			SS	1.0
Human Communications	x	x	x	x		x		Oral Comm	0.5
Senior Capstone -or-				x					1.0
MCC Public Service Institute**			x	x	Y				2-4

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership II		x	x	x		x			0.5
Leadership in Research		x	x	x	Y				
Civil Law			x	x				SS	0.5
Criminal Law			x	x				SS	0.5
Foreign Language (2 years recommended)	x	x	x	x				x	1.0
Law & Order	x	x	x	x					

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**Social Science Track students who participate in the MCC Public Service Institute are not required to take Sociology or Human Communications

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Human Services
Public Services- Legal Studies Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership I		x	x	x		x			0.5
Civil Law			x	x				SS	0.5
Criminal Law			x	x				SS	0.5
Political Science 210			x	x	Y				1.0
Senior Capstone -or-				x					1.0
MCC Public Service Institute			x	x	Y				2-4

Suggested Pathway Electives*

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership II		x	x	x		x			0.5
Leadership in Research		x	x	x	Y				
Competitive Speech/ Debate (Career as an attorney)	x	x	x	x				Oral Comm	1.0
College Competitive Debate			x	x	Y			Oral Comm	1.0
Foreign Language (2 years recommended)	x	x	x	x				x	1.0
Law & Order	x	x	x	x					

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Human Services

Public Services- Public Safety Track

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership I		x	x	x		x			0.5
Sociology		x	x					SS	0.5
Psychology	x	x	x	x				SS	0.5
Criminal Law			x	x				SS	0.5
Criminal Justice- Cass Career Center*			x		Y				3.0
Criminal Justice- Cass Career Center*				x	Y				3.0

Suggested Pathway Electives*

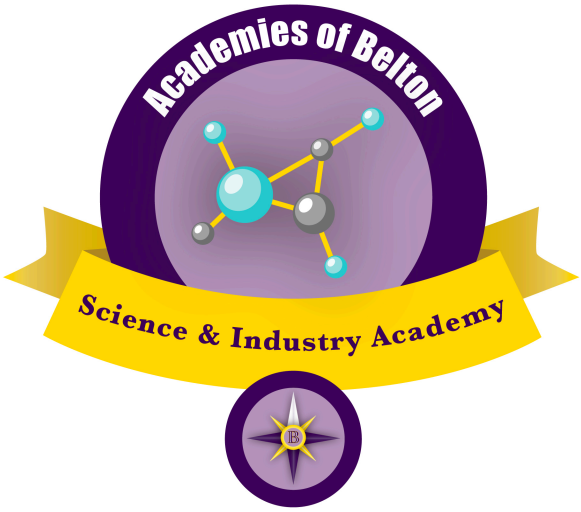
Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Civic Leadership II		x	x	x		x			0.5
Leadership in Research		x	x	x	Y				
Competitive Speech/ Debate (Career as an attorney)	x	x	x	x				Oral Comm	1.0
College Competitive Debate			x	x	Y			Oral Comm	1.0
Advanced Life Saving Skills		x	x	x				PE	0.5
Foreign Language (2 years recommended)	x	x	x	x				x	1.0

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Science
&
Industry
Pathway Coursework



Pathway Course Sequences
Core Content Enrollment Recommendations

AS Agriculture Science A&C Arch & Construction Eng Engineering Mfg Manufacturing

Freshman	***Sophomore***	***Junior***	***Senior***

English Lang Arts	*4 credits required for graduation*							
English I	*English II*	*Honors English II*	*English III*	*Honors English III*	**AP Lang & Composition*	*Poetry / Creative Writing*	*English IV*	**AP Lit & Composition*
Honors English I		*Honors English II*		*Honors English III*	**AP Lang & Composition*			**AP Lit & Composition*
*****Mathematics***	*3 credits required for graduation* *Students planning to attend college are strongly encouraged to enroll in four years of math.*							
Science	*3 credits required for graduation*							
Physical Sci	*Biology*	*Honors Biology*	*Chemistry*	*Physics (Eng)*		**AP Environ Science*	** AP Physics*	Botany & Zoology
Honors Bio	*Chemistry*	*Physics (Eng)*	**AP Biology*	**AP Chemistry*		**AP Environ Science*	**AP Chemistry*	
Social Studies	*3 credits required for graduation*							
American History	*World History*	**AP World History*	*American Government*			**Political Science*		
Honors Amer Hist		**AP World History*	**Political Science*			**American History 101/102*		

****College credit available***

****Note… Math Enrollment Guidance (See sequence chart on page 75)***

Science & Industry
Agricultural Science

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Intro to Ag Food & Nat Res (AFNR)	x	x				x			1.0
Principles of Ag Sci - Animal - or-		x	x	x		x			1.0
Principles of Ag Sci - Plant - or-		x	x	x		x			1.0
Natural Resources & Ecology		x	x	x		x			1.0
Food & Science Safety - or-			x	x		x			1.0
AP Environmental Science			x	x	Y			Sci	1.0
Veterinary Science			x	x		X			1.0
Ag Research & Development				x		x			1.0

Suggested Pathway Electives*

Culinary Fundamentals	x	x				x			0.5
Chemistry		x	x	x				Sci	1.0
Botany			x	x				Sci	0.5
Zoology			x	x				Sci	0.5

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Science & Industry
Architecture & Construction

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Intro to Architecture & Construction		x				x			2
Architecture & Construction Level 2			x			x			2
Architecture & Construction Level 3				x		x			2

Suggested Pathway Electives*

Tech Theater	x	x	x	x		x			0.5
Art Found: Drawing & Painting	x	x	x	x			x		0.5
Foreign Language (2 years recommended)	x	x	x	x				x	1.0
Career Photography		x	x	x			x		0.5
Digital Art & Design		x	x	x			x		0.5

Options to off board to Cass Career Center related fields after grade 10:
Application process is required.

Grade 11 - Welding Technology
Grade 12 - Advanced Welding Technology

*Pathway students are not obligated to take suggested pathway electives. Students are encouraged to explore elective coursework in all areas and enroll in elective courses they believe will best enhance their high school experience and prepare them for success in their chosen career pathway.

Communication *is a critical skill for students to master regardless of their career interest or pathway. A semester of Oral Communication is a graduation requirement for all BSD students. BHS students are encouraged to consider enrollment in more than one semester of courses which fall under the oral communication category during their high school career. Courses offered which meet this requirement may be found in the Speech & Debate and Theatre sections of this CEPG.*

Science & Industry
Engineering

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Intro to Engineering Design (IED)		x				x			1.0
Computer Integrated Mfg (CIM)		x	x	x		x			1.0
Principles of Engineering (POE)		x	x	x		x			1.0
Digital Electronics (DE)			x	x		x			1.0
Engineering Design & Develop (EDD)				x		x			1.0

Suggested Pathway Electives*

Engineering Essentials (EES)	x					x			1.0
Foreign Language (2 years recommended)	x	x	x	x				x	1.0
Tech Theater	x	x	x	x		x			0.5
Digital Literacy		x	x	x		x			0.5
PLTW Computer Science Course(s)						x			1.0

Options to off board to Cass Career Center related fields after grade 10:
Application process is required.

Automotive Electrical & Brakes
Grade 11 - 12

Automotive Steering & Engineering
Grade 11 -12

*Pathway students are not obligated to take suggested pathway electives. Students are encouraged to explore elective coursework in all areas and enroll in elective courses they believe will best enhance their high school experience and prepare them for success in their chosen career pathway.

Communication *is a critical skill for students to master regardless of their career interest or pathway. A semester of Oral Communication is a graduation requirement for all BSD students. BHS students are encouraged to consider enrollment in more than one semester of courses which fall under the oral communication category during their high school career. Courses offered which meet this requirement may be found in the Speech & Debate and Theatre sections of this CEPG.*

Science & Industry
Manufacturing (Logistics)

Required Pathway Courses

Course Title	Grade Level				College Credit Option	Graduation Requirement			
	9	10	11	12		Prac Arts	Fine Arts	Elec	Credit
Introduction to Business	x	x	x			x			0.5
Intro to Engineering Design (IED)		x	x	x		x			1.0
Marketing I		x	x	x		x			1.0
Computerized Integrated Mfg (CIM)			x	x		x			1.0

Suggested Pathway Electives*

Digital Literacy		x	x	x		x			0.5
AP Macroeconomics			x	x	Y	x			0.5
Psychology	x	x	x	x				SS	0.5

Options to off board to Cass Career Center related fields after grade 10:
Application process is required.

Automotive Electrical & Brakes
Grade 11 - 12

Automotive Steering & Engineering
Grade 11 -12

*Pathway students are not obligated to take suggested pathway electives. Students are encouraged to explore elective coursework in all areas and enroll in elective courses they believe will best enhance their high school experience and prepare them for success in their chosen career pathway.

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Course Descriptions

Academy Courses - Freshman

Freshman Seminar

Grade 9 **Type of Credit: 1 Elective**
Graduation requirement

This required full year course for all incoming freshmen offers skills and techniques to help students acclimate to high school. Topics to be covered during the course include Academic & Technical Skills, Career Development, Collaboration, Communication, Creativity, Critical Thinking, Digital Citizenship, Employability Skills, Ethics, HIgh School 101, Information Technology Application, Presentation Skills, Problem Solving, Teamwork, and the development of a 10 Year Life plan. The Freshman Seminar skills will assist in fully preparing students to make the appropriate college and career academy choice during the enrollment period scheduled for the second semester of their freshman year.

Algebra I Plus

Grade 9 **Type of Credit: 1 Elective**

Course Description: Freshman who are enrolled in Algebra I will also enroll in this course. Algebra instruction is spread across two blocks to deliver instruction daily. Additional focus for this course will be academic support and Preparation for the ACT exam.

Listed by Department

Agriculture Science (Curriculum for Agricultural Science Education - CASE)

Students who successfully complete three years of Agriculture Science courses may be exempt from one science graduation credit.

Enrollment in an Agriculture Science class is a requirement to be a member of the Belton Future Farmers of America (FFA) Chapter.

Note: Successful completion typically refers to a C or better, exceptions require teacher Recommendation.

Agriculture Science I -
Introduction to Agriculture, Food, and Natural Resources (AFNR)

Grades: 9-10 **Type of Credit: 1 Practical Art Credit**

Course Description: This course is intended to serve as the introductory course within the CASE Program of Study. The course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agricultural science and natural resources so that students may continue through a sequence of courses through high school. The knowledge and skills students develop will be used in future courses within the CASE program.

In addition, students will understand specific connections between their lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

AFNR introduces students to the range of agricultural opportunities and the pathways of study they may pursue.

Introduction Course for all CASE Program of Study Pathways.

Principles of Agriculture Science - Animal

Grades: 10-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Agriculture Science I (AFNR)

Course Description: This foundation level course engages students in hands-on laboratories and activities to explore the world of animal agriculture. During the course, students develop a comprehensive Producer's Management Guide for an animal of their choice.

Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.

Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

Foundation Course in the CASE Animal Science Pathway.

Principles of Agricultural Science - Plant

Grades: 10-12 **Type of Credit: 1 Practical Art**

Prerequisite: Agriculture Science I (AFNR)

Course Description: This foundation level course teaches students the form and function of plant systems. Students experience various plant science concepts through inquiry-based exercises filled with activities, projects, and problems utilizing laboratory and practical experiences. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting.

Students will learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students will discover the value of plant production and its impact on the individual, the local, and the global economy.

Lessons throughout the course will provide an overview of the field of agricultural science with a foundation in plant science. These lessons include working in teams and exploring hands-on projects. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers. Every lesson is aligned with national standards for agriculture, science, mathematics, and English language arts.

Opportunities for client-connected projects involving Floral Design integrated into this course are in the planning stages.

Foundation Course in the CASE Plant Science Pathway.

Natural Resources and Ecology

Grades: 10-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Agriculture Science I (AFNR)

Course Description: This foundation course provides students a variety of experiences that are in the fields of natural resources and ecology.

Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course. Students will select an ecosystem to study throughout the course and apply the principles of natural resources and ecology from each unit of study to that ecosystem

Foundation Course in the CASE Natural Resources Pathway.

Veterinary Science

Grades: 11-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Principles of Agricultural Science - Animal

Course Description: Student experiences involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Throughout the course, students consider the perceptions and preferences of individuals within local, regional, and world markets.

Based on enrollment requests, the Capstone Course - Agriculture Research and Development and additional Specialization Courses may be offered beginning with the 2023 - 2024 school year.

Architecture and Construction Trades

Introduction to Architecture and Construction Trades

Grade 10 **Type of Credit: 2 Practical Art Credit**

Course Description: This entry level course is designed to expose students to the various opportunities and trades within the fields of Architecture and Construction. In addition, students will become familiar with equipment, measurement, tools, and safety considerations. Ultimately, students will have opportunities to apply specific training to various projects. Resources for the course have been created by today's professionals for tomorrow's professionals.

Students will have the opportunity to earn the OSHA 10 industry recognized credential and the Level 1 TSA/IRC Certification through the International Carpenters Training Fund during the course.

Architecture and Construction - Level 2

Grade 11 **Type of Credit: 2 Practical Art Credits**

Prerequisite: Introduction to Architecture and Construction Trades and completion of OSHA 10 Certification.

Course Description: Level 2 is designed to let students practice an intermediate level of carpentry skills building useful objects. This course will review the safety practices and attitudes required to keep students and others from injury and the materials and tools from damage.

Level 2 reviews safety, tools, and materials information; contains projects that require intermediate skills..

Students will have the opportunity to earn the Level 2 TSA/IRC Certification through the International Carpenters Training Fund during the course.

Architecture and Construction - Level 3

Grade 12 **Type of Credit: 2 Practical Art Credits**

Prerequisite: Successful completion of Architecture and Construction Levels 1 and 2 and the associated IRCs**.**

Course Description: Level 3 is designed to provide students practice at an intermediate level of interior carpentry skills by working with flooring, drywall, interior ceiling systems and an introduction to commercial casework (cabinetry). This course will review the safety practices required to protect students and others from injury and the materials and tools from damage. Students wishing to be involved in internship opportunities will be granted the opportunity to work in the industry with approved companies that have partnered with the program. These opportunities will be limited and only approved for students who have demonstrated a high skill level in the Level 1 & 2 courses.

Students will have the opportunity to earn a Level 3 TSA/IRC Certification through the International Carpenters Training Fund during the course. This certification will allow them to enter the workforce above an entry level position.

The Arts

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Performing

Speech and Debate

Human Communications

Grades: 9-12 **Type of Credit: ½ Oral Communication**

Course Description: Students will be introduced to communication basics such as what communication is and how it impacts you and our society. Students will explore communication in context such as professional and personal relationships as well as public and interpersonal communication skills.

Contest Speech

Grades: 9-12 **Type of Credit: 1 Oral Communication Credit or 1 Fine Arts Communication Credit**
Course may be repeated

Course Requirement: Compete in interscholastic forensic tournaments during the semester which take place outside of the school day. (This amounts to approximately one competition each month.)

Course Description: Speak up, and learn to use your voice! This class is designed to offer direct instruction in competitive speech and/or acting events. Students with diverse interests and skills take contest speech because they enjoy performing and speaking. This course is devoted to competition preparation and structured according to events officially recognized by MSHSAA. Students engage in script analysis and team building activities while preparing for competition. Students are required to attend and participate in events held outside of school hours.

Competitive Debate

Grades: 9-12 **Type of Credit: 1 Oral Communication Credit**
Course may be repeated

Course Requirement: Compete in interscholastic debate tournaments during the semester, which take place outside of the standard school day. (This averages about one competition each month.)

Course Description: Do you like to follow current events and politics? Are you interested in learning how to get your point across successfully? Students will learn and develop argumentation skills including public speaking, research, and organization. Topics covered are based on current events and news around the United States and the world. Students will compete in interscholastic competition around the country. Students take this course who enjoy knowing about the world around them and keep up with the many events impacting us daily.

Law and Order

Grades: 9-12 **Type of Credit: ½ Oral Comm**

Course Description: Law & order is a mock trial exercise course where students, playing the roles of attorneys and witnesses for either the plaintiff/prosecution and defense, engage in a trial of a fictional civil or criminal case. To prepare for a mock trial, students will learn the techniques used to conduct trials, including opening statements, direct examinations, cross examinations, closing arguments, and objections. During the semester, the class will break up into two or more teams, and each team will prepare either the plaintiff's case or the defense's case. At the end of the semester, the teams will scrimmage against each other in a mock trial. **Students in this course will be eligible to compete in mock trial competitions.**

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*College Competitive Debate

Grades: 11-12 **Type of Credit: 1 Oral Communication Credit**
3 hours dual credit through Missouri State
Com 120 Intro to Mass Communications

Prerequisite: 2.5 GPA, Minimum 80% in Competitive Debate

Course Requirement: Compete at interscholastic debate and forensic tournaments during the semester which take place outside the school day. Students must be enrolled in Missouri State University (MSU), and fees are associated.

Course Description: Students will use Blackboard via Missouri State University to explore current topics as designated by the National Speech & Debate Association (NSDA). Students will learn advanced debate methods and practice along with deeper exploration into the debate topics.

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*Communication 100: Fundamentals of Speech

Grades: 11-12 **Type of Credit: .5 Oral Communication (3 College MCC)**

Prerequisite: 3.0 GPA (Unweighted) & acceptance into the Academies of Belton Business or Public Service Institute

Course Description: An introductory public speaking course including practical application of speaking and listening skills. The emphasis will be on the organization and delivery of subject matter. (MOTR COMM 110)

Music

Music Appreciation

Grades: 9-12 **Type of Credit: ½ Fine Art Credit**

Course Description: A non-performance project and research based class designed for students who have an interest in a comprehensive musical education. Areas studied will be music theory, history, and literature of many styles and periods. Musical analysis and comparisons will be taught, using both instrumental and choral music.

Men's Choir

Grades: 9-12 **Type of Credit: 1 Fine Art Credit**
Course may be repeated

Course Requirements: Performance-oriented class; concerts, rehearsals, and festivals outside the school day required.

Course Description: No audition is required to be in this choir. A choir for beginning and experienced singers that centers on the tenor and bass voice. A high energy choir that sings in many different styles including barbershop and contemporary a cappella and focuses on reading music as well.

Canticorum

Grades: 9-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Course Requirements: Performance-oriented class; concerts, rehearsals and festivals outside the school day required.

Course Description: No audition is required to be in this class. This is a choir for all soprano / alto singers who would like to get more confident in their voice. This choir will work to develop the individual singing voice and competency in reading three part music. Work includes singing exercises to build and strengthen the voice, singing in small ensembles, and sight-singing. Music selections will include many styles such as musical theater, contemporary, and multicultural.

Bella Voce

Grades: 10-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Prerequisite: Enrollment by audition only.

Course Requirements: Performance-oriented class; concerts, community events, and festivals outside the normal school day required.

Course Description: An advanced soprano/alto chamber ensemble of primarily 11th-12th grade students that has a strong emphasis on performance. Students will have a prior knowledge of proper vocal technique and music reading. Music selections will include many styles and time periods in a chamber choir setting.

Concert Choir

Grades: 10-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Prerequisite: Enrollment by audition only.

Course Requirements: Performance-oriented class; concerts, rehearsals, and festivals outside the school day required.

Course Description: An advanced mixed choral ensemble for the dedicated, serious musician made up of primarily 11th-12th grade students. Concert Choir is the largest choral ensemble at BHS. The choir performs music from many time periods and styles written for large choral ensembles. The choir also works on advanced vocal technique and music reading.

Belton Singers

Grades: 10-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Prerequisite: Enrollment by audition only. Students must be currently enrolled in Concert Choir.

Course Requirements: Performance-oriented class; concerts, community events, and festivals outside the normal school day required.

Course Description: An advanced mixed chamber ensemble of primarily 11th-12th grade students that has a strong emphasis on performance. This is the representative choir of BHS to the community. Students will have a prior knowledge of proper vocal technique and music reading. Music selections will be in many styles including Renaissance, contemporary a cappella, jazz, multicultural, and experimental in a chamber choir setting.

AP Music Theory

Grades: 10-12

Type of Credit: 1 Fine Art Credit

Prerequisite: Enrollment in Band or Choir or Approval of Instructor

Course Description: AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design.

Marching / Symphonic Band

Grades: 9-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Prerequisite: Middle School experience or instructor permission/audition ONLY.

Course Requirements: Performances are a major part of this course. Concerts, parades, contests, tours and other activities outside the normal school day will be required.

Course Description: This class is designed to further develop instrumental music skills in tone production, rhythm study, music notation, dynamics and articulation. A more in-depth study of musical style and expression will be explored. **Chair and band placement by audition.**

Marching Band/Performing Arts Team

Grades: 9-12

Type of Credit: .5 Fine Art Credit
Course may be repeated

Prerequisite: Placement only. Enrollment based on Dance Team and Color Guard audition.

Course Requirements: Performances are a major part of this course. Parades, contests, tours and other activities outside the normal school day will be required.

Course Description: This performance class is designed to incorporate dance and flag routines into the BHS Marching Band Program.

Jazz Band

Grades: 9-12

Type of Credit: 1 Fine Art Credit
Course may be repeated

Prerequisite: Enrollment in Marching Band required. Instructor permission required.

Course Requirements: Performance-oriented class: Concerts, contests, tours, and other activities outside the normal school day will be required.

Course Description: This instrumental jazz ensemble will rehearse and perform various styles of jazz music. Work includes listening to and studying jazz in style and theory.

Theatre

Theatre Appreciation

Grades: 9-12

Type of Credit: ½ Fine Art Credit

Course Description: This is a non-performance class that explores Theatre as an art form. Through reading & viewing plays, discussions, written assignments, and various activities and exercises students will gain an appreciation and understanding of the theatre production process and the history and development of theatre. Students will learn to be more educated and enthusiastic patrons of the theatre and be able to intelligently critique performances.

Acting I

Grades: 9-12

Type of Credit: ½ Fine Art Credit or
½ Oral Communication Credit

Course Description: This is a performance based class which includes units in movement, voice, improvisation, characterization, and acting technique. Most performances are done in collaborative groups and may include pantomime, puppet/reader's theatre/storytelling, improvisation, memorized monologue and duet scenes. Participation in various acting and warm-up games is required.

Advanced Acting

Grades: 9-12

Type of Credit: ½ Fine Art Credit or
½ Oral Communication Credit
Course may be repeated

Prerequisite: Successful completion of Acting I.

Course Description: This is an advanced performance class for those who wish to enhance acting and presentational skills. Possible performances include individual, duet, small group, and large group performances as well as neutral scenes. Emphasis is placed on acting technique and characterization.

Improvisation & Sketch Comedy

Grades 9-12

Type of Credit: ½ Fine Art Credit or
½ Oral Communication Credit
Course may be repeated

Prerequisite: Successful completion of Acting I or permission from instructor.

Course Description: Students will learn different styles of improvisational comedy and will use improv as a creative process for writing sketch comedy and exploring characters. All material, such as characters, dialogue, and the plot will be created and developed collaboratively by the students. Students will study "short form" improv including games, and "long form" improv which includes scenes and plays invented instantly by the performers.

Advanced Competitive Theater

Grades 10-12

***Spring Semester Only**
Type of Credit: ½ Fine Art Credit or ½ Oral Communication Credit
Course may be repeated

Prerequisite: Successful completion of Contest Speech/previous casting in a theatrical production or audition for the instructor.

Course Description: Competitive reader's theatre and one-act plays will be the focus of this class. Students enrolled in the class are expected to attend the Reader's Theatre and One-Act Competition. Additionally, students will study, in detail, performance techniques to enhance the overall quality of the Reader's Theatre and One-Act selections.

Company

Grades: 10-12

Type of Credit: 1 Fine Art Credit or 1 Oral Communication Credit
Course may be repeated

Prerequisite: Enrollment by audition or permission of instructor.

Course Description: An advanced performance class for those with creative, imaginative, and dramatic minds. Public performances include "Whose Line is It Anyway" style improvisation shows, an instructor directed play, playwriting showcase, student directed one-acts, and a touring children's show. Students will also read a variety of plays and prepare audition pieces, resumes, and portfolios. *****Advanced Theatrical Technicians are also invited to take this class. They will serve as designers and techies for each production. Techies must have prior experience and apply with the instructor.

Required: Evening performance participation.

Technical Theatre

Grades: 9-12

Type of Credit: ½ Practical Art Credit
Course may be repeated

Course Description: This course deals with the action "behind the scenes" in a theatrical production. The primary focus of the class will be the set construction of the current theatrical production. Power tool safety and usage will be a major part of the class. Other projects may include Technical Staff Duties Presentation, Sound Design Project, Set Design Drafting & 3D Model Making Project, Makeup Challenge, Costume Project, and Lighting Application Exercises. Emphasis is on practical application in an actual production.

Film Analysis and Production

Grades: 10-12

Type of Credit: ½ Fine Art Credit

Course Description: This course will expose students to the language of film, film production techniques, the history and development of film, film criticism techniques, and various film genres. Projects may include IMovie trailers and/or movies, Personal Movie Response video, Camera Shot Re-Creation Presentation, Storyboard Project, Film History Exam, Film Genre Project, and a Movie Preview Project. Students will act as film critics by watching

multiple movies from various genres, comparing and analyzing them and writing film reviews. Students will write multiple movie reviews throughout the semester.

Visual

The serious art student will be expected to develop their personal style and creative potential.
Students interested in any art related career should enroll in Art Foundations Design and Sculpture and Drawing and Painting early in their high school career to allow ample time to schedule the Advanced Placement Studio Art courses. Students will need to develop a quality portfolio for admissions evaluations at most colleges.

Art Foundations: Drawing & Painting

Grades: 9-12 **Type of Credit: ½ Fine Art Credit**

Course Description: This is a beginning level art course that focuses on an emphasis in drawing and color applications through the elements of art. Value, Form, Texture, Space, and Color Theory will be explored through various media. All work is done in class, while experimenting with media.

Art Foundations: Design and Sculpture

Grades: 9-12 **Type of Credit: ½ Fine Art Credit**

Course Description: The emphasis is on design using a variety of materials with realistic and abstract concepts. 3-D Assemblage will use design techniques in the assemblage process. (No ceramics/clay)

Life Drawing and Painting (replaced Art II 20-21)

Grades: 9-12 **Type of Credit: ½ Fine Art Credit**

Prerequisite: Successful completion of Art Foundations Drawing and Painting **or** approval from Art 2 Life Drawing and Painting Instructor through Portfolio, **or** Recommendation of 8th Grade Art Teacher and Approval from the Life Drawing and Painting Instructor through Portfolio.

Recommendation: Prior enrollment in Anatomy and Physiology will be helpful for those students who plan to go into related health and exercise fields.

Description:
The purpose of Life Drawing and Painting is to provide each student with specific drawing media experiences and to build basic perceptual skills in terms of observation.. The student will review the basic knowledge of the elements of art: line, value, shape/volume, texture and color to lead to their deliberate manipulation for different types of spatial illusion, compositions, and expressive meaning. The human body is marvelously complex and expressive. Excellent figure drawings may be either very involved or very simple and always convey a sense that the represented form is alive. This course is directed towards giving the students a structured approach to drawing the human figure and other living subjects (gesture and sketching for animation, fashion illustration, plants, animals, babies and children,

still life, criminal and courtroom portraiture) which will serve as a foundation for his or her personal interpretive approach.

Studio Art Courses

General Course Description:
The serious art student will be expected to develop their creative potential and personal style. Subject matter will include observation and art history. These courses will also assist in college portfolio development as well as scholarship application. Students will have the option of specializing in either: AP Art 2-D Art & Design, AP 3-D Art & Design, or AP Drawing or may opt to enroll in all three during their high school career.

Prerequisites: Successful completion of Art Foundations Drawing and Painting, Art Foundations Design and Sculpture ***and*** Life Drawing and Painting (formerly Art II) ***or portfolio approved by AP instructor.***

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*Studio Art I : AP 2-D Art & Design

Grades: 10-12

Type of Credit: ½ Fine Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Specific Course Description:
For the purpose of documenting the artistic process, students will develop concepts through sketches. Students will also photograph their work in various stages of the creation process, including editing and sharing the final product. Printmaking will be explored. Students will discover their artistic voice through group discussions and individual reflection. This includes review and discussion of historical and contemporary artwork, both through images shared in the classroom and through visiting local galleries and museums. Students will critique and score artwork using AP scoring guidelines to gain an understanding of how they approach the creation process. Upon completion of each concentration piece, students will write an evaluation of the work and participate in a class critique. Students will prepare for the AP 2-D Art & Design Exam.

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*Studio Art II : AP Drawing

Grades: 10-12

Type of Credit: ½ Fine Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Specific Course Description:
Students will create artwork focusing on the area of experimentation with media. They will also complete a series of drawings focusing on one item expressed in 4 or more works of art; each with a different media and composition. Fibers, Textiles/ Surface Design will be explored. Students will study art movements and create a work of art that is influenced by the characteristics of one of these movements. Students will review and discuss examples of art with an emphasis on plagiarism, copyright and appropriation. Students will create technically competent drawings from observation focusing on linear and atmospheric perspective, foreshortening, and unique mark making to develop student voice. Students will create technically competent artwork that exhibits the conscious and purposeful use of selected elements of art and principles of design. Upon completion of each concentration piece, students will write an evaluation of the work and participate in a class critique. Students will have at least one week to complete each of the 12 concentration pieces by the May exam date in preparation for the AP Drawing Exam.

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*Studio Art III: AP 3-D Art & Design

Grades: 10-12

Type of Credit: ½ Fine Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Specific Course Description:
Through idea development, visual research, and sketching, students choose a topic to investigate through the creation of 12 related works of art. 3D Sculpture will be explored. Through review of previous AP studio concentrations, art exhibits, and historical and contemporary works students understand the characteristics of a visually coherent investigation. Upon completion of each concentration piece, students will write an evaluation of the work and participate in a class critique. Students will have at least a week to complete each of the 12 concentration pieces by the May exam date in preparation for the AP Art 3-D Art & Design Exam. They will create an extensive list of ideas, sketches, and visual references to sustain the investigation. Students will write a concentration statement for AP exam submission, addressing the central idea of the concentration and explaining how the work demonstrates intent and idea exploration.

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*Studio Art IV

Grades: 11-12

Type of Credit: ½ Fine Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM
Course may be repeated

Specific Course Description:
Continuing and Completing the work started in Studio Art III. Students will take digital photographs of finished work and apply basic photo editing techniques to share using an online digital portfolio/website and to prepare for the AP exam and college application submission. Students will discuss their artwork verbally in group critiques in order to articulate their visual ideas to others. Students will complete written critiques of artwork and verbally participate in group critiques with questions and suggestions. Students will learn to professionally present individual works and a body of work through matting and display techniques to show in a location in the community/school and the senior display within the Belton School District. Students will work throughout on the proper display of school-wide student artwork in a gallery format at BHS. Students will research and complete college application requirements, such as a resume, portfolio of artwork, statement of purpose, and obtain letters of recommendation. **Students will prepare for any AP Art Exam not previously completed in the concentration of 2-D Art & Design, AP Drawing, or AP 3-D Art & Design.**

Introduction to Ceramics

Grades: 10-12

Type of Credit: ½ Fine Art Credit

Course Description: This course looks at methods of ceramic processes and vocabulary. Students will hand create projects, apply decorative glazing techniques and complete the firing process.

Advanced Ceramics

Grades: 10-12

Type of Credit: ½ Fine Art Credit

Prerequisite: Successful completion of Introduction to Ceramics

Course Description: Students will develop skills in 3-D sculptural hand building , explore the pottery wheel, apply advanced decorative glazing techniques, and the history of ceramics.

Visual Illustration

Grades: 10-12 **Type of Credit: ½ Fine Art Credit**

Course Description: This course will explore concepts and techniques in visual illustration with an emphasis in watercolor. Students will learn beginning techniques that include washes, textural effects, fashion and book illustration, landscape and deductive painting techniques. Examples of careers that utilize visual illustration are: animator, concept artist (architecture, interior, video game, and engineering design), book illustration, web design theatrical set design, courtroom illustration, forensic artist, film storyboarding, tattoo artist, creative director, UX designer, medical illustrator, patent illustrator, textile designer, instruction manual illustrator.

Career Photography

Grades: 10-12 **Type of Credit: ½ Fine Art Credit**

Recommendation: Prior enrollment in one of the following: Art Foundations Design & Sculpture or Art Foundations Drawing & Painting.

Course Requirements: Students must possess some type of device for taking photographs to enroll in this class. e.g. DSLR, Point and Shoot or a Phone with proper digital cards and cables for photo transfer to Macbook Air.

Course Description:
This course builds the foundation for visual literacy regarding both form and content of photographic images. The elements and principles of design as they relate to photographic composition are emphasized. Students learn framing within the viewfinder and explore various compositional principles. Students also learn to examine images critically through weekly critiques. Digital processing techniques are introduced using their MAC Air Photos Editor and various editing options on the phone. . Creative Photographic Expression is achieved through the use of Picture-to-People Online Photo and Text Editor. Famous Photographers will be explored. Students are expected to spend time outside of class on coursework. Exploration areas: Crime Scene Photography, Food Staging, Event Photography, Interior Design and Architecture, Travel, Street, Nighttime, Child and Ghost Photography for Children's Books.

Digital Art and Design

Grades: 10-12 **Type of Credit: ½ Fine Art Credit**

Prerequisite: Successful completion of Art Foundations Design and Sculpture **and/or** Career Photography (Basic Digital Photography)

Course Requirements: Students must have access at all times to some type of camera - DSLR, Point and Shoot or a Phone with proper digital cards and cables for photo transfer to Macbook Air.

Course Description: This course utilizes computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, graphic design, visual literacy, and the principles and elements of art in composition through Photoshop. Career opportunities in design, production, display and presentation of digital artwork will be explored. Students will respond to the artwork of others, and learn how to combine artistic elements to create finished pieces that effectively communicate their ideas. Art historical movements and careers in this field will also be studied as they relate to student projects. Some of the potential career areas that will be explored: Fashion Illustration, Book illustration, Magazine Designer, Packaging Designer, Food and Restaurant Graphics and Menu Design, Business Logo and Graphic Design.

Business & Marketing

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Membership in Future Business Leaders of America (FBLA) or Distributive Education Clubs of America (DECA) prepares students for careers in business and business-related fields. See the Career and Technical Student Organizations list on page 15 for more details.

Digital Literacy

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**

Course Description: Gain a basic knowledge of Microsoft Office applications: Word, Excel, and PowerPoint. Learn how to use software applications to assist in business documentation and daily tasks.

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*CSIS 115: Computer Concepts & Applications (replaced College Computer Applications 21-22)

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**
3 hours College Credit
MCC CSIS 115

Prerequisite: Successful completion of Digital LIteracy (Computer Applications). To receive dual credit students must have an overall 3.0 GPA.

Course Description: Strengthen skills in solving complex business problems through applications in word processing; database management; spreadsheet analysis; desktop publishing; and presentation/multimedia production.

Web Design

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**

Course Description: Using Notepad++, students will be introduced to HTML5 and CSS languages and create web pages suitable for coursework, professional purposes, and personal use.

Introduction to Business

Grade: 9 - 10 **Type of Credit: ½ Practical Art Credit**

Course Description: Discover the world of business by becoming aware of current business practices in everyday life. An introduction to basic accounting, entrepreneurship, management, marketing and ethical practices will be emphasized throughout the course. Projects will connect to real-world business situations. (Finance topics are covered in the Personal Finance course required for BHS graduation.)

Personal Finance

Grade: 11-12 **Type of Credit: ½ Personal Finance Credit**

Course Description: Personal Finance prepares students to make wise financial decisions. Topics such as personal budgeting, banking services, understanding credit, taxes, investment options, risk management, automobile purchases, and consumer rights and responsibilities will be investigated. Students will participate in a ten-week Budget Challenge simulation incorporating the introduced financial concepts in a real world situation.

This course is required for high school graduation. *Course is also available in an online format during the school year and summer School.*

Accounting I

Grades: 10-12 **Type of Credit: 1 Practical Art Credit**

Course Description:
Accounting I is a course that is of value to all students pursuing a future in business, marketing, and management. The course is designed to give students a foundation in accounting for a small business. Students will learn how to start an accounting system, analyze transactions into debit and credit parts, journalize and post business transactions, and prepare month end reports. Upon completion of this course students will possess adequate understanding of the necessary Accounting I to work towards QuickBooks Certification offered during the Accounting II course.

Accounting II

Grades: 11-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Successful completion of Accounting 1 (Accounting Principles).

Course Description: In Accounting II, basic Accounting I principles are applied to a business organized as a corporation. Students will perform accounting activities for a real world business using Quickbooks online during the second semester. Upon completion of the course, students will have the opportunity to take the QuickBooks Certification exam to gain credentials that can be used in whichever path they choose upon graduation. Students will also work in conjunction with the daily financial activities of the school store.

Economics

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**

Course Description: Economics sets out to illustrate the basic, microeconomic, and macroeconomic concepts, as well as international concepts necessary to understand the practices and dynamics of the American economic system. Emphasis will be placed on theory, as well as the practical application of economic principles that lead to informed economic decisions as members and future leaders of this economic system.

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*AP Microeconomics

Grades: 11-12

Type of Credit: ½ Practical Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Course Description: The purpose of this course is to provide students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

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*AP Macroeconomics

Grades: 11-12

Type of Credit: ½ Practical Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Course Description: The purpose of this course is to provide students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops the students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

Sports and Entertainment Marketing I

Grades 10-12

Type of Credit: ½ Practical Arts Credit

Course Description: What is it like to work in marketing for the NFL? How do you produce MLB or CLC merchandise or campaigns? How do you write a marketing plan for a large sporting or entertainment event? This course is designed to provide an understanding of marketing concepts and theories that apply to sports and entertainment events. Experience sports and entertainment marketing through the planning and coordination of events at BHS. Areas to be covered include: contracts, product and pricing decisions, marketing research, branding, licensing, campaigns and promotions, and careers.

Marketing I

Grades: 10-12

Type of Credit: 1 Practical Art Credit

Course Description: This is a foundational course for a career in the field of Marketing. Topics include, the marketing mix, marketing plans, target market identification and analysis, branding, packaging, pricing strategies, promotion, and advertising. Students will better understand marketing and advertising that they experience daily and learn how to create effective marketing campaigns. This course integrates DECA curriculum by connecting the classroom with career based experiences.

Marketing II

Grades: 11-12

Type of Credit: 1 Practical Art Credit

Prerequisite: Successful completion of Marketing I.

Course Description: This class explores marketing information management, strategy, market research, positioning, pricing, product/service management promotion, selling. Students will participate in hands-on projects, field study experiences, and compete in DECA competitions. Seniors may enroll in work release along with this course; see below for work release course numbers.
Membership in DECA or FBLA is required (approximate fee of $20).

Digital Marketing & Design

Grades: 11-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Digital Art & Design

Course Description: This Capstone level course for students interested in Graphic Design careers exposes students to industry-standard tools such as the Adobe Creative Suite. Students will work in Photoshop, Illustrator, Premiere Pro, and InDesign and have the opportunity to earn Adobe Creative Cloud Certifications. Students will also explore commercial photography and have the opportunity to participate in internships and client-connected projects.

*College Marketing

Grades: 12 **Type of Credit: 1 Practical Art Credit**
3 hours Dual Credit or Articulated Credit-
MCC BSAD 204

Prerequisite: Successful completion of Marketing I with a minimum of 80%. To receive dual credit through MCC a 3.0 GPA is required prior to enrolling for this course. This course may be taken without pursuing the Dual Credit option.

Students will apply marketing principles to current events and present business situations. This includes analyzing marketing decisions and strategies of company's today. Course projects include marketing research, strategy and rebranding campaigns, current marketing theories, new product development, positioning, how to create integrated marketing. This class also explores the multitude of careers in marketing through coursework, field trips, and DECA competitions.
Membership in DECA or FBLA is required (approximate fee of $20).

*Accounting 101: Accounting Principles I

Grades: 11-12 **Type of Credit: .5 Practical Art (3 College MCC)**

Prerequisite: 3.0 GPA (Unweighted) & acceptance into the Academies of Belton Business Institute

Course Description: This course covers the practice and application of accounting principles involved in the process of preparing financial statements in accordance with the Generally Accepted Accounting Principles (GAAP).

*Accounting 102: Accounting Principles II

Grades: 11-12 **Type of Credit: .5 Practical Art (3 College MCC)**

Prerequisite: Accounting 101 with a minimum grade of C & participation in the Academies of Belton Business Institute

Course Description: This course covers the practice and application of accounting principles involved in the process of preparing financial statements in accordance with the Generally Accepted Accounting Principles (GAAP).

*Business 130: Entrepreneurship

Grades: 11-12 **Type of Credit: .5 Practical Art (3 College)**

Prerequisite: Accounting 101 with a minimum grade of C & participation in the Academies of Belton Business Institute

Course Description: A combined practical, hands-on, and academic approach to entrepreneurship via the creative and innovative process of recognizing opportunity, gathering resources and creating a feasibility study around conceptualizing a business idea and business plan.

Pirate Store Intern

Grades: 11-12 **Type of Credit: 1-2 Practical Art Credits**

Prerequisite: Marketing I
Additional Business and/or courses such as graphic arts, accounting, entrepreneurship, and fashion merchandising desired.

Course Description: This course is for students interested in learning how to manage and run a business. The School Store is a student run business. Students will learn how to source and order merchandise at wholesale, daily operations, marketing, visual merchandising, sales, cash flow management, financial analysis, and management skills. Students manage and operate the store in conjunction with coursework to learn the various aspects of small business operations and management. Application required, visit the School Store during lunch periods for an application.

Marketing Work Release

Grade: 12 **Type of Credit: ½-2 Practical Art Credits**

Prerequisite: 2.0 GPA and 90% attendance. Frequency of tardies and number of discipline referrals will be considered in determining eligibility for the program. Enrolled in or successful completion of Marketing II or College Marketing **or** Sports & Entertainment Marketing II.

Course Description: Marketing Internship allows seniors to combine classroom instruction with work experience. Students are required to complete internship assignments and submit pay stubs. . Students are required to be in class periodically, including the first two weeks of each semester. Students who average a minimum of 10 hours each week may earn ½ credit per semester. Students who average a minimum of 20 hours each week may earn 1 credit per semester.

Course Expectations: Minimum of 90% attendance, minimal tardies, and adherence to BHS behavioral expectations. Students are responsible for obtaining their own job, providing their own transportation to work, submitting documentation for the number of hours worked, along with the completion of assignments and evaluations.

Business Capstone

Grade: 12 **Type of Credit: 1-2 Practical Art Credits**

Prerequisite: 2.0 GPA and 90% attendance. Frequency of tardies and number of discipline referrals will be considered in determining eligibility for the program. Successful completion of Accounting II.

Course Description: This course allows seniors to combine classroom instruction with work experience. Students will be required to complete internship assignments or client-connected projects and log their work schedules. Students who average a minimum of 10 hours each week may earn ½ credit per semester. Students who average a minimum of 20 hours each week may earn 1 credit per semester.

Course Expectations: Minimum of 90% attendance, minimal tardies, and adherence to BHS behavioral expectations. Students are responsible for obtaining their own job, providing their own transportation to work, and submitting documentation for the number of hours worked.

Cooperative Career Education (CCE)

Grade: 12 **Type of Credit:1-2 Practical Art Credit**

Prerequisite: Application for participation. 2.0 GPA and 90% attendance. Frequency of tardies and the student's discipline profile will be considered in determining eligibility for the program.

Course Description: CCE provides students the opportunity to gain knowledge and skills in the classroom and to apply and test that learning in the workplace. Students develop transferable employability skills and occupational competence which will serve them throughout their continuing education and career. Academic study is combined with paid supervised employment in a career area of interest. Credit is awarded for classroom participation and on-the-job experience in compliance with established policies. Students will be required to complete internship assignments and log their work schedules.
Students who average a minimum of 10 hours each week may earn ½ credit per semester. Students who average a minimum of 20 hours each week may earn 1 credit per semester.

Course Expectations: Minimum of 90% attendance, minimal tardies, and adherence to BHS behavioral expectations. Students are responsible for obtaining their own job, providing their own transportation to work, and submitting documentation for the number of hours worked, along with the completion of assignments and evaluations.

Computer Science

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Enrolling in Computer Science pathway courses allows membership opportunities in CTSOs including Technology Student Association (TSA) and Future Business Leaders of America (FBLA). See the Career and Technical Student Organizations list on page 6 for more details.

Computer Science Essentials (CSE)

Grades: 9-12 **Type of Credit: 1 Practical Art Credit**

Course Description: Move from being a passive consumer to an active creator through computational thinking and collaboration in this year-long course. This course, which provides an entry point, will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps, develop websites, and learn how to make computers work together to put their design into practice. This course helps students create a strong foundation to advance to AP Computer Science Principles, AP Computer Science A, and Cybersecurity.

*AP Computer Science Principles (AP CSP)

Grades: 10-12

Type of Credit: 1 Practical Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Computer Science Essentials (CSE) or demonstrate knowledge of basic programming to the CS teacher.

Course Description: Express your creativity through code. Analyze computing innovations and the impacts they have on our lives. Use abstract and algorithmic thinking to solve problems and create value for others. Develop, analyze, implement, and test programs developed for a purpose. Learn to uncover patterns in data, protect data, and explore how the internet connects the world in which we live. Whether seeking a career in the growing field of computer science or learning how computer science is transforming all careers, students in Computer Science Principles will learn the fundamentals of coding, data processing, data security, and automating tasks while learning to contribute to an inclusive, safe, and ethical computing culture.

*AP Computer Science A (AP CSA)

Grades: 11-12

Type of Credit: 1 Practical Art Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Computer Science Principles (CSP).

Course Description: The Computer Science A course includes hands-on, structured lab experiences to engage students in individual or group problem solving. Thus, it includes a substantial lab component in which students design solutions to problems, express their solutions precisely (e.g., in the Java programming language), test their solutions, identify and correct errors (when mistakes occur), and compare possible solutions. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Cybersecurity (SEC)

Grades: 10-12

Type of Credit: 1 Practical Art Credit

Prerequisite: Successful completion of Computer Science Essentials (CSE).

Course Description: Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

Computer Hardware Systems

Grades: 10-12

Type of Credit: .5 Practical Art Credit

Prerequisite: Successful completion of Computer Science Essentials (CSE).

Course Description: Students will study PC configuration, diagnostics and repair, safety and preventative maintenance, and network support. Students will connect computer components to make a working computer and then install operating systems to make the computers functional.

Computer Network Systems

Grades: 10-12 **Type of Credit: .5 Practical Art Credit**

Prerequisite: Successful completion of Computer Science Essentials (CSE) and Computer Hardware Systems.

Course Description: Through hands-on activities and lab simulations, students will enhance their PC knowledge through review and reinforcement on how to safely work on and assemble a computer. Students will learn to identify and manage a variety of operating system components, and storage devices. This course includes an introduction to Local Area Networking including wireless options, protocols and connectivity troubleshooting as well as an introduction to network security and system management.

Technology Problem Solving

Grade: 11-12 **Type of Credit: ½ to 1 Elective Credit**

Prerequisite: Three Computer Science Credits: select from Computer Science Essentials, Computer Science Principles and Computer Science A or Cybersecurity

Course Description: This self directed course introduces students to IT skills and support. The course will provide hands-on experience with computer repair, tablet repair, basic troubleshooting, small business networking, and security. It will emphasize creation, communication, collaboration, and critical thinking. Students will prepare to participate in assisting the district technology staff with technology initiative projects. Students will also have the opportunity to learn basic computer programming and create tutorials for both students and teachers. Students will help identify current technology needs for students and provide appropriate online training resources. Students are encouraged to enroll in IT Support Internship after the completion of this course. This course helps prepare students for the CompTIA IT Fundamentals+ and/or CompTIA A+ Certification exam(s) which validate the latest skills needed by today's computer support professionals.

Capstone Course for Informational Technology Pathway.

IT Support Internship

Grade: 11-12 **Type of credit: ½ - 1 Credit Per Semester**

Prerequisite: Successful completion of Technology Problem Solving.

Course Description: Students will work alongside district Technology Department technicians on projects and complete technology-related work orders. Students will gain hands-on experience working with technology tools and skills. Students will assist the school district's technology support team. Students will be required to work an average of 10 hours per week for half a credit per semester or a minimum of 20 hours per week for a full credit. Release time from school will be provided. This course builds upon certification preparation from the Technology Problem Solving course, encouraging students to pursue CompTIA IT Fundamentals+ and/or CompTIA A+ Certifications. **The internship must be approved by the teacher and Director of Academies.**

Engineering (PLTW)

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Students who successfully complete three years of Engineering courses may be exempt from one math graduation credit.

Enrolling in Engineering Career Pathway courses allows students to be members of the Technology Student Association (TSA).

The ideal pathway to completion is enrollment in an introductory course, either EES or IED; then specialization courses, CIM, POE and DE; and finally enrollment in the Capstone Course, EDD.

College credit is possible through cooperating post-secondary schools based upon standards set by the PLTW program.

Engineering Essentials (EES)

Grades: 9 Introductory Course **Type of Credit: 1 Practical Art**

Course Description: Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences, and solve engaging and challenging real-world problems through engineering essentials. Students will gain an understanding of engineering and career opportunities.

Introduction to Engineering Design (IED)

Grades: 10-12 Introductory Course **Type of Credit: 1 Practical Art**

Course Description: Students will use 3D design software to help create solutions to solve proposed problems. Students will learn how to document student work and communicate solutions to peers and members of the professional community. The major focus is to expose students to the design process, research and analysis, engineering standards, and technical documentation. A strong math foundation is recommended to be successful in this course.

Computer Integrated Manufacturing (CIM)

Grades: 10-12 Specialization Course **Type of Credit: 1 Practical Art**

Prerequisite: Introduction to Engineering Design (IED)

Course Description: Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation.

Principles of Engineering (POE)

Grades: 10-12 Specialization Course **Type of Credit: 1 Practical Art**

Prerequisite: Introduction to Engineering Design (IED)

Recommended: Successful completion of Algebra I and Algebra II with concurrent enrollment in Geometry .

Course Description: This course of engineering exposes students to some of the major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. Students also learn how to document their work and communicate their solutions in a professional learning community.

Digital Electronics (DE)

Grades: 11-12 Specialization Course **Type of Credit: 1 Practical Art Credit**

Prerequisite: Principles of Engineering (POE) (may also be taken concurrently with POE)

Course Description: Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, and high-definition televisions. The major focus of the course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation.

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*Engineering Design and Development (EDD)

Grade: 12 Capstone Course **Type of Credit: 1 Practical Art Credit**

Prerequisite: Successful completion of Introduction to Engineering Design (IED) and one other PLTW Engineering course.

Recommended: Plus an additional PLTW Engineering Course

Course Description: This is the Engineering Project Lead the Way (PLTW) Capstone Course. It is designed for in-depth study in engineering. Students will research, design, and construct a solution to an open-ended engineering problem. Students will also apply principles developed in preceding courses, present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the school year

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English

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

English I

Grade: 9 **Type of Credit: 1 English Credit**

Course Description: Students will learn the basics of writing and apply the information to a variety of assignments including a research paper. In addition, students will read an assortment of texts from a variety of genres and styles.

Honors English I

Grade: 9 **Type of Credit: 1 English Credit**

Prerequisite: Reading at or above grade level.
Recommended: Successful completion of 8th grade English **and/or** recommendation from 8th grade English teacher.

Course Description: This is an advanced level English course covering grammar, mechanics, writing, literature comprehension, literature interpretation, and vocabulary. Students who enroll in this course are expected to be self-motivated, have strong reading and writing skills, and be good at time management. Students are expected to maintain a C average or higher to secure their seat in the class for the second semester.

English II

Grade: 10 **Type of Credit: 1 English Credit**

Course Description: Students will be introduced to world literature and discuss a variety of texts, both fiction and non-fiction. Vocabulary development and reading skills are stressed throughout the course. Students will follow a writing process to produce clear and coherent writing. The goal of the course is to have students successfully complete the EOC exam at the end of the semester.
(EOC: End of Course assessment required.)

Honors English II

Grade: 10 **Type of Credit: 1 English Credit**

Prerequisite: Reading at or above grade level.

Course Description: This advanced level course is designed to teach strategies for reading and truly understanding specific kinds of complex texts in order to prepare for 11th grade AP courses. It will encompass all of the material covered in English II class in addition to several readings intended to build upon foundational English skills. Students who enroll in this course are expected to be self-motivated, have strong reading and writing skills, and practice effective time management. This rigorous course will include summer homework, outside reading schedules, and daily homework assignments.

Requirement: Completion of summer assignment.

English III

Grade: 11 **Type of Credit: 1 English Credit**

Course Description: In this course, students will develop an appreciation and understanding of American literature; learn to analyze and evaluate fiction, drama, nonfiction, and poetry; improve writing and research skills; and learn to navigate and perform successfully on standardized assessments.

Honors English III

Grade: 11 **Type of Credit: 1 English Credit**

Prerequisite: Successful completion of English II or Honors English II.

Course Description: This is an advanced level English course for students who plan to enroll in dual credit College English as a Senior. The foundation of this course is the English III curriculum, yet requires students to be independent learners while it teaches students strategies for reading and analyzing complex texts. Students will learn to develop and defend ideas from the text and write about them in different college-level formats.

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*AP English Language and Composition

Grade: 11

Type of Credit: 1 English Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of English II or Honors English II.

Course Description: This rigorous course is considered writing and reading intensive with a substantial and demanding workload. Students must be organized and disciplined and will be expected to manage in-class activities, outside readings, and long term assignments emphasizing expository, analytical, and argumentative writing.

Requirement: Completion of summer assignment.

English IV

Grade: 12

Type of Credit: 1 English Credit

Course Description: This reading and writing intensive class is designed to be a continuation of English studies; reading and literary analysis, a research paper, grammar, critical thinking, vocabulary, and resumes will be emphasized.

Poetry / Creative Writing

Grade: 12

Type of Credit: 1 English Credit

Course Description: This year-long course combines a semester of poetry instruction with a semester of creative college english prose writing. Poems of many types and from many time periods will be studied. Forms of poetry and terms pertaining to the understanding of poetry will be studied. Students will be required to read, discuss, analyze, and write poems; students will also complete an analysis of their chosen poet. Creative writing will focus on short stories, descriptions, genre writing, dialogue, and other topics, as well as the art of prewriting.

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*College English 110

Grade: 12

Type of Credit: ½ English Credit
3 Hours dual credit through UMKC
***English 110: Intro to Academic Prose**

Prerequisite: 3.0 GPA or 21 on the ACT if intending to enroll for college credit.

Course Description: This course, UMKC English 110, introduces students to college-level reading, writing, and discourse analysis that engages students in the analysis and creation of texts to reveal multiple perspectives about specific rhetorical situations and cultural issues. In addition, students will learn to edit their own work and use proper documentation.

*College English 214

Grade: 12

Type of Credit: ½ English Credit
3 Hours dual credit through UMKC
***English 214: Introduction to Fiction**

Prerequisite: 3.0 GPA and/or 21 on the ACT if intending to enroll for college credit. Additionally, to take the class for UMKC credit, students must have enrolled in College English 110 and/or scored a 4 or 5 on the AP Language & Composition test.

Course Description: This course is designed to complement College English 110. Students will be introduced to the study of fiction as a literary art form. Students will continue to develop their understanding of fiction-writing in preparation for more advanced courses in literature and creative writing. Coursework will focus on close reading of short and long forms of fiction selected from a range of literary periods and world literature. Students are expected to interpret and analyze various forms of fiction and write critically about the role of fiction as a form of cultural discourse.

*AP English Literature and Composition

Grade: 12

Type of Credit: 1 English Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of English III or AP Language & Composition or Honors English III.

Course Description: This Advanced Placement course for seniors is an intensive study of literature from the 16th Century to the 21st Century. Students will study, explain, and evaluate various genres of literature through careful reading and critical analysis. This course will also include a writing component that focuses on expository, analytical, and argumentative writing. In addition, it will prepare students for the Advanced Placement Literature and Composition Exam administered each May. **SUMMER WORK REQUIRED.**

Family & Consumer Sciences (FACS)

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Enrolling in FACS classes will assist students in being successful in Family, Career, and Community Leaders of America (FCCLA).

Nutrition and Wellness

Grade: 9-12

Type of Credit: ½ Practical Art Credit

Course Description: Nutrition analysis and healthy eating habits will be covered and is designed to help students understand how nutrition and activity helps improve the body. Students explore different tools to achieve a healthy lifestyle along with creating food labs. Sanitation, safety and comprehension of basic culinary skills. This course may be taken concurrently with ProStart I.

Culinary Fundamentals

Grades: 9-10 **Type of Credit: ½ Practical Art Credit**

Culinary Fundamentals teaches students the essential skills of the kitchen for personal and professional application, using a hands-on approach. Students will explore food preparation methods, techniques, skills and safety. Students will gain an understanding of the essential tools and equipment of the kitchen, and its use for planning and preparing meals at home or in a professional setting. Students will also explore the important elements of the professional kitchen.
This course is a prerequisite for ProStart I.

Foundations of Restaurant Management and Culinary Arts I (ProStart I)

Grades: 10-12 **Type of Credit: 1 Practical Art Credit**
Articulated Credit - JCCC

Prerequisite: Successful completion of Nutrition and Wellness and Culinary Fundamentals (Food Science)

Course Requirements: Purchase non-slip chef shoes (est. $25) and wear issued chef apparel while participating in labs .

Course Description: ProStart students are enrolled in a two-year, industry-backed culinary arts and restaurant management program designed for high school students. LEVEL 1 students receive an overview of the restaurant and food service industry, gain insights into the essentials of running a safe operation, receive an introduction to the commercial kitchen, explore culinary techniques, and delve into service and management. Students will have the opportunity to participate in client-connected projects and real-world learning experiences both during and after school hours. Students in good standing are eligible to participate in culinary competitions. Additionally, all students must successfully complete a National Exam at the conclusion of the course.

Foundations of Restaurant Management and Culinary Arts II (ProStart II)

Grades: 11-12 **Type of Credit: 1 Practical Art Credit**
Articulated Credit – JCCC

Prerequisite: Successful completion of ProStart I. Pass the National ProStart Exam Level 1 or teacher recommendation.

Course Requirements: Purchase non-slip chef shoes (est. $25) and wear issued chef apparel while participating in labs. Students must complete a National Exam at the conclusion of the course.

Course Description:. ProStart students are enrolled in a two-year, industry-backed culinary arts and restaurant management program designed for high school students. LEVEL 2 students receive comprehensive instruction in restaurant marketing, culinary exploration, cost management, current operational concerns, as well as specific topics such as meat, poultry, seafood, baking, and desserts. Students in good standing are eligible to compete in culinary competitions, and all students must successfully complete a National Exam at the conclusion of the course. Students will have the opportunity to participate in client-connected projects and real-world learning experiences both during and after school hours.

Baking & Pastry

Grades: 11-12 **Type of Credit: ½-1 Practical Art Credit**

Prerequisite: Successful completion of ProStart I or teacher recommendation. Recommended to be taken concurrently with ProStart II

Course Description: This hands-on course designed to teach baking and pastry skills, as well as business management skills needed to run a successful bakery. Students will learn about a variety of bakery items and proper baking techniques. Items include: pies, cakes, biscuits, breads- quick, yeast, and artisan, muffins, cookies, and more. Students will learn the business practices of start-up costs, marketing, and customer service.

ProStart Internship

Grades: 12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Successful completion or concurrent enrollment in ProStart 2. **Must have a job in the Culinary field**. Participation in FCCLA STAR Events (CSTO). Pass the National ProStart Exam Level 1.

Course Description: This is a mentored employment opportunity. Hours will be verified by paycheck stubs or volunteer forms when working on projects for catering. Employers will sign off on all reports. This course is designed to help students obtain the required 400 hours for the Certificate of Achievement (COA) through the National Restaurant Association. Students get hands-on experience in the culinary industry.

Fundamentals of Fashion and Interior Design

Grades: 9-12 **Type of Credit: ½ Practical Art Credit**

Level 1 course in the Visual Arts/Design Pathway

Course Description: This course is designed for all students interested in fashion, apparel/textile and interior design. Students will learn the basic principles and elements of design, fabric construction, selection of apparel and home fabrics, introductory sewing skills and design basics for interior design. Problem solving skills, math and technology will be incorporated into the course.

Advanced Fashion Design & Construction (Formerly- Fashion, Apparel and Textile Design Construction)

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**

Level 2 Course in the Visual Design Pathway

Prerequisite: Successful completion of Fundamentals of Fashion and Interior Design or Teacher Permission.

Course Description: This course is designed for the student with an interest in fashion, apparel, and interior design. A brief history of fashion and design will be provided through the curriculum. Students will be involved in the design and construction of advanced garments, pattern making and an expansion of applied textile knowledge. Several fashion garments will be constructed. Time management, design and sewing skills will be applied in the course work.

Enrollment in this course may occur more than once.

Advanced Interior Design (Formerly- Housing Environments and Design)

Grades 10-12 **Type of Credit: ½ Practical Art Credit**

Level 2 Course in the Visual Design Pathway

Prerequisite: Successful completion of Fundamentals of Fashion and Interior Design or Teacher Permission.

Course Description: This project-based learning course is designed to teach the aesthetics of architectural styles, analysis of housing selection, floor plans, home furnishings, and furniture arrangement. Elements and principles of design will be emphasized along with career opportunities in the field of study. Time management, planning, independent design and problem solving skills are crucial in this course. Art, communication, math, science and technology skills will be applied in the design project.

Fashion and Interior Design & Merchandising (Formerly- Fashion and Interior Design Studio)

Grades 11-12 **Type of Credit: ½ Practical Art Credit**

Level 3 Course in the Visual Design Pathway

Prerequisite: Successful completion of a level two course in the Visual Design Pathway.

Course Description: Students will learn the dynamics of the fashion/interior industry including trending textiles, designers, design process, construction of garments, drawing skills, visual design and merchandising. The students will develop patterns and garments; design a visual project; complete community projects in design along with internships and mentorships in various design related businesses. Students will participate in field trips, independent work, and group design projects in the school and community.

Apparel and Textile Marketing Management

Grades: 11-12 **Type of Credit: .5 Practical Art Credit**

Prerequisite: Completion of Level III Course

Course Description: The program focuses on fashion management and management as applied to the products and services of the apparel and textile industries. It includes instruction in applicable principles of textile and apparel design and manufacturing; sales and distribution systems; domestic and international market research; profitability, consumer research; and the design and implementation of marketing campaigns.

Human Development

Grades: 10-12 **Type of Credit: ½ Practical Art Credit**

Course Description: Human Development provides an overview of lifespan development for those preparing for careers in the Human Services Career Cluster. This course will include a scientific study of the way humans change, physically, social-emotionally and cognitively, over time. Childhood, adolescent, adult and elderly development will be the focus.

Early Childhood Professions I (CCP I)

Grades: 11-12 **Type of Credit: 1 Practical Art Credits**

Prerequisite: Successful completion of Human Development, attendance at or above 90%, excellent citizenship status.

Course Description: This is an opportunity to learn more about studying children through coursework and lab experiences. The focus is on providing safe, healthy learning for birth through age 8. Excellent attendance in the course is expected for success.

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*Early Childhood Professions II (CCP II)

Grades: 12

Type of Credit: 1 Practical Art Credit
5 hours of dual credit through UCM
***CFD 1220 Child Development and**
***CFD 1230 Observation**

Prerequisite: Successful completion of Child Care Professional I (Early Childhood Professions I), maintain 90% attendance and excellent citizenship. An overall 3.0 GPA or 21 on the ACT if intending to enroll for College Credit.

Course Description: This course is an opportunity to extend learning from Child Care Professionals I (Early Childhood Professions I) into planning and preparing lessons for use with studying children. The focus in this course is to be able to leave BHS with the skills needed for an entry level position in a childcare facility and with the knowledge needed to be successful in a college degree program focused on studying children. Excellent attendance in the course is expected for success.

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*Professions in Education (replaced Cadet Teaching and Training 20-21)

Grades: 11-12

Type of Credit: 1 Practical Art Credit
4 hours of dual credit through UCM
***EDFL 2100 Intro to the Teaching Profession**
***FLDX 2150 Intro to Field Experience**

Prerequisite: 2.5 GPA, 90% attendance, Successful completion of Human Development, excellent citizenship, and able to provide one's own transportation. 3.0 GPA or 21 on the ACT to earn College Credit

Course Description: This course is designed for students who are considering a career in education or working with children. In this course students will have the opportunity to explore a variety of careers in education. You will examine the historical, theoretical, psychological, and social foundations of education. This course will provide the framework for a career in education. Student teaching field experience is also required. Under the supervision of a cooperating teacher in another BSD school, students will gain valuable hands-on experience working in a classroom and with other education professionals.

FACS Internship Education & Training

Grades: 11-12

Type of Credit: 1 Practical Art Credit

Prerequisite: Students must maintain a minimum of 80% in Early Childhood Professions and Professions in Education.

Course Description: This course is for students who are enrolled in Early Childhood Professions and Profession in Education and need to earn additional hours in the field. Students are expected to have transportation to their internship site. Hours and performance will be verified with the cooperating agency.

Leadership in Family Consumer Science (FACS)

Grades: 10-12

Type of Credit: 1 Practical Art Credit

Prerequisite: Participation in FCCLA

Course Description: Students will use the FCCLA Regional, State & National Programs curriculum to plan and implement service learning projects in all career cluster areas of Family Consumer Sciences, analyze leadership skills and qualities necessary to be successful in the multiple roles of the family member and explore career opportunities in the fields of Family Consumer Sciences.

Journalism

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Digital Communications & Journalism

Grades: 9 - 12 **Type of Credit: 1 Elective Credit**

Course Description: This class will serve as a hybrid course and will cover skills that the 21st century communicator and journalist should understand to be an effective communicator in a digital society. The course will also teach students the principles of graphic design and desktop publishing, videography, photography, and design work.

Broadcast Journalism

Grades: 10-12 **Type of Credit: 1 Practical Art Credit**

Prerequisite: Enrollment by application only. Successful completion of Digital Communications & Journalism.

Course Requirements: Time outside of the normal school day or 2 or more hours weekly is required. Enrollment by application.

Course Description: Do you like being in the know? Covering fun, school events in the middle of the action? Then Broadcast Journalism is for you. This class focuses on the basics of video broadcast production and writing including videography and digital editing. Students will learn production of the weekly school news episode: Cutlass TV News, and will work to film events for the Belton School District and Belton High School.

Yearbook

Grades: 10 - 12 **Type of Credit: 1 Practical Art Credit**
Course may be repeated

Prerequisite: Enrollment by application only. Successful completion of Digital Communications & Journalism is also required.

Course Requirements: This is a work-intensive course and will require regular after school deadline completion.

Course Description: This class is responsible for the publication of *The Beltonian,* the high school yearbook. Students will be instructed in the areas of layout and design using current technologies, copywriting, photography, advertising sales, and production techniques used in publication.

Leadership

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Civic Leadership I

Grades: 10-12

Type of Credit: 1/2 Practical Art Credit
Course may be repeated

Course Requirements: This is a work/project based intensive course and may require participation in outside of the school day student driven leadership projects.

Course Description: This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. Students will be expected to use these skills working with peers, school administration, and Belton community members. These skills include communication skills, leadership, organizational and managerial skills, decision-making skills, group processes, and understanding the need for civic responsibility. This course is open to all students and recommended for Student Council members, club and organization officers, class officers, team captains, and others with leadership potential.

Civic Leadership II

Grades: 10-12

Type of Credit: 1/2 Practical Art Credit
Course may be repeated

Prerequisite: Successful completion of Civic Leadership I and pursuit of a leadership position.

Course Requirements: This is a work/project based intensive course and may require participation in outside of the school day student driven leadership projects.

Course Description:
This course provides an extended opportunity to study and practice individual leadership skills. Students will be expected to lead class discussions and encouraged to pursue some type of a leadership position at BHS or within the community. Students will further their studies in the types of leadership and organizational skills required to become a successful leader. Help with planning events and working in committees to complete project work throughout the semester will also be expected. Individual projects will be completed by the students to further their knowledge of leadership potential.

The course is highly recommended for all students serving in an elected and/or appointed Student Council position and any other leadership roles within the community.

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*Leadership in Research

Grades: 10-12
****Enrollment by application only**

Type of Credit: 1 Practical Art Credit
3 Hours of Dual Credit through UCM
(UCM Course to be determined)

Prerequisites: An overall 3.0 GPA or a 21 on the ACT is required to enroll for college credit. (Interested sophomores may apply to enroll. Sophomores must have an overall 3.0 GPA **and** a recommendation from their BHS counselor.)

****Course Requirements:** This is a work/project-driven course that may require some participation outside of the school day based on needs of the student's selected project. Applications available through your counselor or Ms. Michaela Parisi.

Course Description: Leadership in Research allows the student to self-select and explore a topic of interest under the close supervision of the teacher. The course includes self-reflection, directed readings, applied work, leadership studies, an independent research project with a mentor, and other activities deemed appropriate to facilitate research and topic exploration.

This course aims to introduce students to basic business concepts and begin to develop the analytical, communication, and research skills necessary for success as a leader. Students use entrepreneurial skills to find solutions to social, cultural or environmental problems. Regardless of the nature of the research, the work must culminate in a formal paper and presentation. The benefits include one-on-one attention, more focused exploration of a topic that interests you, and a great chance to explore modes of learning that might differ from school norms.

Mathematics

Note: Completion refers to a performance of 60% or better in both semesters.

Algebra I

Grade: 9 **Type of Credit: 1 Math Credit**

Course Description: This course is an in-depth study of the foundations of Algebra. Topics include solving and graphing linear and quadratic equations and inequalities, functions, algebraic manipulation, and problem solving. The class focuses on providing students with a balance between foundational knowledge and real world application. Students will provide and explain solutions, and provide conjectures to problems using mathematical concepts. Concurrent enrollment in Algebra 1 Plus is required

(EOC: End of Course exam required)

Algebra I Plus

Grade 9 **Type of Credit: 1 Elective Credit**

Course Description: Freshman enrolled in Algebra I will also enroll in this course. Algebra instruction will occur daily. Additional focus for this course will be academic support, preparation for the ACT exam and the state Algebra I EOC.

Algebra I Recovery

Grade: 10-12 **Type of Credit: 1 Math Credit**
Placement only

Course Description: This course is designed for students who have not fully met the content requirements for Algebra I. The course content will be personalized for individual students to address algebra skills not yet mastered. Computerized instruction may be a part of the credit recovery as an alternative to face to face instruction.

(EOC: End of Course exam required)

Algebra II

Grades: 9-12 **Type of Credit: 1 Math Credit**

Prerequisite: Completion of Algebra I and Geometry or Advanced Geometry.

Course Description: This course is designed to dive deeper into previously learned topics, including linear equations, quadratic functions, polynomial functions, exponential,logarithmic and rational functions .

Advanced Algebra II

Grades: 9-11 **Type of Credit: 1 Math Credit**

Prerequisite: Completion, with a minimum grade of 70% each semester, of Algebra 1 **or** teacher recommendation.

Course Description: This course is designed to prepare students for Pre Calculus. This class will include the following topics: linear equations, quadratic functions, polynomial functions, powers, roots, radicals, exponential and logarithmic equations, rational expressions, rational functions, inverse functions, composition of functions, and trigonometry.

(EOC: End of Course assessment required for freshmen enrolled in this course.)

Geometry

Grades: 9-12 **Type of Credit: 1 Math Credit**

Prerequisite: Completion of Algebra I.

Course Description: Geometry is the study of shapes and their properties. Students will explore the world of Euclidean Geometry by diving into the topics of: segments and angles, parallel and perpendicular lines, triangle relationships, quadrilaterals, similarity, polygons, surface area and volume, right triangles, trigonometry and circles.

Geometry in Construction

Grades: 9-12 **Type of Credit: 1 Math Credit**

Prerequisite: Current student in the Architecture and Construction Pathway and completion of Algebra I

Course Description: This hands-on course integrates geometric concepts with practical construction skills, providing students with a unique opportunity to apply math in real-world contexts. Students will explore topics such as measurement, properties of shapes, angles, area, volume, and trigonometry while collaborating with peers to design and build projects. The Geometry in Construction course satisfies the Belton High School requirement for a Geometry credit. Although students will engage in the content differently, this course covers all Missouri Geometry Standards covered in a traditional Geometry course.

Advanced Geometry

Grades: 10-12 **Type of Credit: 1 Math Credit**

Prerequisite: Completion, with a minimum of 70% in each semester, of Algebra I or **or** teacher recommendation.

Course Description: Geometry is the study of shapes and their properties. Students will explore the world of Euclidean Geometry by diving into the topics of: segments and angles, parallel and perpendicular lines, triangle relationships, quadrilaterals, similarity, polygons, surface area and volume, right triangles, trigonometry and circles. This course will include a more in depth study of proofs and trigonometry with spiral review of Algebra 2 topics to prepare students for PreCalculus.

Algebra III

Grades: 10-12 **Type of Credit: 1 Math Credit**

Prerequisite: Completion of Geometry and Algebra II.

Course Description: This course builds on and extends the Algebra II curriculum. Instruction emphasizes a more in-depth look at quadratic and polynomial functions with real and complex solutions, exponential and logarithmic functions, rational functions, and analysis of regression models using real-world data. Additional emphasis will be placed on trigonometry and statistics. The course provides preparation for a first year college math course.

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*Mathematics for Liberal Arts

Grades: 11-12

Type of Credit: 1 Math Credit
3 hours dual credit through UMKC
***Math 116: Mathematics for Liberal Arts**

Prerequisite: Completion of Geometry and Algebra II.
Students must have an overall 3.0 GPA or a 21 on their ACT to earn college credit.

Course Description: A survey of elementary mathematics covering such topics as: logic, sets, counting methods, introduction to probability theory, introductory statistics, plane and coordinate geometry. The course will emphasize mathematical concepts and does not require the level of computational skill of College Algebra. Topics from the history of mathematics will be presented as well as the influence of mathematics on a variety of disciplines. Recommended preparation: Three units of high school mathematics Algebra I and higher.

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*Pre Calculus

Grade: 10-12

Type of Credit: 1 Math Credit
5 hours of Dual Credit through UMKC
***Math 120: PreCalculus**

Prerequisite: Completion, with a minimum of 80% in each semester, of Advanced Algebra II and Geometry **or** a teacher recommendation.
Students must have an overall 3.0 GPA or a 21 on their ACT to earn college credit.

Note: Students who have successfully completed College Algebra ***should not*** enroll in Pre Calculus. Content for College Algebra is included in the Pre Calculus course.

Course Description: This course includes a review of elementary Algebra, solutions of equations, functions, inequalities, systems of linear equations, exponential & logarithmic functions, trigonometric functions,

trigonometric identities, triangles, equations of second degree and their graphs, binomial theorems, complex numbers, and polynomials. (Enrollment for college credit and fee payment occurs in September, but the culmination of successful work over one year merits college credit. Therefore, one who opts out at semester will not earn college credit and should not expect a refund of fees paid.) Pre Calculus satisfies College Algebra and Trigonometry requirements at most colleges.

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*Calculus

Grade: 11-12

Type of Credit: 1 Math Credit
4 hours of Dual Credit through UMKC
***MATH 210: Calculus I**

Prerequisite: Completion, with a minimum of 80% in each semester, of Pre Calculus **or** a teacher recommendation. Students must have an overall 3.0 GPA or a 21 on their ACT to earn college credit.

Course Description: This course is the foundation for future Calculus classes. Topics include limits, continuity, differentiation, integration, functions and the applications of these concepts, including related rates, maximization and minimization problems. (Enrollment for College credit occurs in September, but the culmination of successful work over one year merits college credit. Therefore, one who opts out at semester will not earn college credit and should not expect a refund of fees paid.

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*Statistical Reasoning

Grade: 11-12

Type of Credit: 1 Math Credit
3 hours of Dual Credit through UMKC
***Stat 115: Statistical Reasoning**

Prerequisite: Successful Completion of Algebra 1, Geometry, & Algebra II. Students must have an overall 3.0 GPA or a 21 on their ACT to earn college credit.

Course Description: The focus of the course will be on developing critical thinking abilities and decision making using data in everyday life. Emphasis will be on statistical reasoning underlying the methods of sampling, statistical inference in terms of evaluating the accuracy of an estimate in the context of uncertainty, drawing conclusions from data and studying relationships in data. Students will be trained to perform hands-on-analysis of real data sets using a computer package. No previous computing experience is required. (Enrollment for college credit and fee payment occurs in September, but the culmination of successful work over one year merits college credit. Therefore, one who opts out at semester will not earn College credit and should not expect a refund of fees paid.)

Typical Math Course Sequence (Ending with Class of 2026)

	Sequence ending Class of 2026		Sequence ending Class of 2026		Sequence last available to Class of 2025		
8th	8th Grade Math		Algebra I		Geometry		

9th	Algebra I/Algebra I Plus			Adv Alg II			Advanced Algebra II		
10th	Alg II or Adv Alg II (based on tchr rec)			Geometry or Advanced Geometry (based on tchr rec)			Alg III	Alg III	*Pre Calc
				Placement based on performance in Alg I, Alg II & Geometry courses.					
11th	Geometry or Advanced Geometry (based on teacher rec)			Alg III	*Math for Liberal Arts	*Pre Calc	*Math for Liberal Arts	*Pre Calc	*>Calc
	Placement based on performance in Alg I, Alg II & Geometry courses								
12th	Alg III	*Math for Liberal Arts	*Pre Calc	*Math for Libel Arts	* Stats	*>Calc or * Stats	* Stats	*>Calc	* Stats

* Option to enroll for college credit.
> UMKC has titled the course “Calculus I” and there is an option to enroll for college credit.
Note: Calculus and Elementary Statistics may be taken concurrently.
Alg II = Algebra II
Adv Algebra II = Advanced Algebra II
Alg III = Algebra III
Pre Calc = Pre Calculus
Calc = Calculus
Stats = Statistical Reasoning

Note: Content for College Algebra is included in the Pre Calculus course.

Typical Math Course Sequence (Begining with Class of 2027)

	Sequence beginning Class of 2027		Sequence beginning Class of 2027	
8th	8th Grade Math		Algebra I	

9th	Algebra I/Algebra I Plus				Advanced Geometry			
10th	Geometry or Advanced Geometry (based on teacher rec)				Advanced Algebra II			
					Placement based on performance in Alg I, Alg II & Geometry courses.			
11th	Alg II or Adv Alg II (based on teacher rec)				Alg III	*Math for Liberal Arts	*Pre Calc	
	Placement based on performance in Alg I, Alg II & Geometry courses							
12th	Alg III	*Math for Liberal Arts	*>Calc or *Stats		*Math for Libel Arts	*Stats	*>Calc or *Stats	

* Option to enroll for college credit.
> UMKC has titled the course “Calculus I” and there is an option to enroll for college credit.
Note: Calculus and Elementary Statistics may be taken concurrently.
Alg II = Algebra II
Adv Algebra II = Advanced Algebra II
Alg III = Algebra III
Pre Calc = Pre Calculus
Calc = Calculus
Stats = Statistical Reasoning

Note: Content for College Algebra is included in the Pre Calculus course.

Physical Education

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

There is a limit of one Physical Education class enrollment each semester.

Exception: Students may enroll in Advanced Physical Fitness (weights) daily in addition to one other physical education class.

Students may repeat any physical education class, ***except*** Lifetime Sports. Enrollment in that course may only occur once.

Advanced Physical Fitness

Grades: 9 - 12 **Type of Credit: ½ -2 Physical Education Credits**

Prerequisite: Students entering grades 10 - 12 must participate in 70% of summer workouts.
Incoming 9th grade students are encouraged to attend at least 10 of the 24 days of summer workouts offered to gain admission into class. This assures they have the foundation necessary to join this advanced course.

Note: *If one finds they are unable to satisfy the 70% requirement, he/she will be expected to discuss their status or circumstance (i.e , living with their other parent for summer, summer camps, transportation, etc.) with the instructor as soon as the concern is known and prior to the summer, to* ***develop an approved plan to go on written record.***

For those who end up between 50-70%, course instructors ***may*** *offer an "alternative" Personal Fitness requirement during the beginning of the semester.*

Non- or limited participation during summer workouts will result in a change of request to the Personal Fitness course.

Course Description: Consists of a graduated weight-training program of five different levels. The focus is to improve an athlete's power, strength, flexibility, muscular endurance, and agility by stressing technique and attention to detail. Class should be taken for consecutive semesters to obtain maximum benefits.

Note: *Due to the overall demand for access to the weightlifting program by individual students, the expectations for participation for the student-athlete by the various BHS athletic programs, the availability of "seats" per session, and the preservation of a safe weightlifting experience, the above-mentioned prerequisite has been instituted. (It is also to be noted… Upon review of an individual's circumstances and written record, the instructor and school officials will reserve the right to make exceptions in certain situations.)*

Aerobics

Grades: 9-12 **Type of Credit: ½ Physical Education Credit**
Course may be repeated.

Course Description: Have fun working out with various types of exercise: Step aerobics, HIIT training, Strong Woman, dancing, water aerobics, etc. You will acquire the tools to continue a workout program of your own. Students will be expected to provide their own swimsuit and towel. One piece suits for females is recommended.

Personal Fitness

Grades: 9-12

Type of Credit: ½ Physical Education Credit
Course may be repeated.

Course Description: The purpose of this course is to acquire knowledge of physical fitness concepts, understand the influences of lifestyle on health and fitness, and begin to develop an optimal level of fitness.
Pool related activities may be a part of the course curriculum. Students will be expected to provide their own swimsuit and towel. One piece suits for females is recommended.

Health

Grade: 10-12

Type of Credit: ½ Health Credit

Course Description: The focus of this class is taking personal responsibility for student health and making the choices to lead a healthy lifestyle. Topics include fitness, nutrition, Tobacco, Alcohol, and Drugs, communicable and noncommunicable diseases, and first aid. Also addressed in this course is a graduation requirement of 30 minutes of cardiopulmonary resuscitation (CPR) and proper Heimlich maneuver or other first aid for choking instruction.
Health is a requirement for graduation. *Also offered as an online class.*

Principles of Health (Dual Credit-MCC)

Grades: 11-12

Type of Credit: 1/2 Health Credit

Prerequisite: 3.0 GPA

Course Description: Principles of healthful living. Physical, emotional, and social health. Contemporary health problems. This course fulfills the Missouri High School graduation requirement for .5 Health credits.

General Physical Education

Grades: 9-12

Type of Credit: ½ Physical Education Credit
Course may be repeated.

This course offers some element of student choice. Units may include but are not limited to: individual, dual, and team sports, fitness based activities, rhythmic activities, and aquatics.
All PE classes incorporate daily fitness workouts and warm ups. Students will be expected to provide their own swimsuit and towel. A one piece swimsuit for females is recommended.

Introduction to Swimming

Grade: 9-12

Type of Credit: ½ Physical Education Credit

Course Description:
Open to non-swimmers and those with limited swimming skills. Students will be divided into beginning and intermediate groups for instruction.

This semester course is designed to improve your aquatic and basic water safety skills. Instruction will be provided in the following strokes: freestyle, back, breast, butterfly, as well as survival floating, treading water and competitive turns. Participation will enhance your overall fitness level.

Students will be expected to provide their own swimsuit and towel. A one piece swimsuit for females is recommended.

Teaching Assistant (TA) and Lifeguard opportunities are offered in this course. A+ hours may be earned and the experience may be added to a resume.

Lifetime Sports

Grade: 12 **Type of Credit: ½ Physical Education Credit**

Course Description: Consists of bowling, swimming, miniature golf, disc golf, beach volleyball, indoor volleyball, and racket sports. Emphasis is on activities that can be participated in throughout a lifetime. Students will be expected to provide their own swimsuit and towel. One piece suits for females is recommended. ***Class may not be repeated.***

Advanced Life Saving Skills

Grades: 10 - 12 **Type of Credit: ½ Physical Education Credits**

Prerequisite: Per American Red Cross Lifeguarding requirements students must be able to complete the following in order to qualify for participation in this course.

1. Swim 300 yards continuously demonstrating breath control and rhythmic breathing. Candidates may swim using the front crawl, breaststroke, or a combination of both but swimming on the back or side is not allowed. Swim goggles may be used.
2. Tread water for 2 minutes using only the legs. Candidates should place their hands under the armpits.
3. Complete the following events within 1 minute 40 seconds:
    a. Starting in the water, swim 20 yards. The face may be in or out of the water. Swim goggles are not allowed.
    b. Surface dive, feet-first or head-first, to a depth of 7-10 feet to retrieve a 10-pound object.
    c. Return to the surface and swim 20 yards on the back to return to the starting point with both hands holding the object and keeping the face at or near the surface so they are able to get a breath. Candidates should not swim the distance under water.
    d. Exit the water without using a ladder or steps.

Course Description: This course provides participants with the knowledge and skills to prevent, recognize, and respond to aquatic emergencies and to provide care for injured patrons. Participants must pass a pre-course swim test. This course certifies successful participants in American Red Cross Lifeguarding, CPR/AED for the Professional Rescuer, and First Aid.

Science

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Physical Science

Grades: 9 **Type of Credit: 1 Science Credit**

Course Description: The course is designed to provide a strong foundation in the basic concepts of physical science and to develop valuable skills for the classroom, laboratory, and life. The course provides manipulative experiences to develop essential inquiry skills and to cover matter, motion, energy, light, and sound. In each unit, every attempt is made to help students understand how science applies to the many aspects of their lives.

Honors Biology

Grades: 9-10 **Type of Credit: 1 Science Credit**

Course Recommendation: Successful completion of 8th grade science and a recommendation from 8th grade science teacher.

Course Description: This Honors course is designed to expose students to the challenges associated with an AP science course. This particular class will provide students an authentic experience to hypothesize and develop experiments. The course is rigorous and requires of the student: reading, writing, speaking, maintaining a comprehensive notebook, and technical lab skills.
(EOC: End of Course assessment required.)

Biology

Grades: 10-11 **Type of Credit: 1 Science Credit**

Course Description: This course introduces the study of living organisms. It is a prerequisite for all other biology electives. Students are required to pass Biology or Honors Biology in order to graduate from high school. This course includes all theories relevant to biology and will explore a variety of biological topics. Students will be asked to read, write, evaluate, research, and present about these topics. Biology will help establish a solid foundation in inquiry-based scientific exploration.

(EOC: End of Course assessment required.)

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*AP Biology

Grades: 11-12 **Type of Credit: 1 Science Credit**
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Biology or Honors Biology and Chemistry.
Concurrent enrollment in Anatomy & Physiology and/or Biomedical Science (Project Lead The Way) will contribute to a student's success in this course.

Course Description: This is a college level course that will focus on four big ideas: evolution, energetics, information storage and transfer, and systems interactions. Students who take AP Biology will use advanced inquiry

and reasoning skills. Students will be expected to devote time outside of the normal class period to work on this course. College credit can be earned by achieving an acceptable score on the AP exam.

Chemistry

Grades: 10-12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful completion of Algebra I, Biology or Honors Biology. Concurrent enrollment or successful completion of Geometry or Advanced Geometry.

Course Description: This course covers the various states and structures of matter, chemical bonding, chemical reactions, stoichiometry, and gas laws. This course also has a strong reliance on mathematical computations and basic algebra. Critical and logical thinking are emphasized using many practical and interesting examples. This course will utilize laboratory instruction and require a Lab Safety Contract.

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*AP Chemistry

Grades: 10-12 **Type of Credit: 1 Science Credit**
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Algebra II or Advanced Algebra II *and* Biology or Honors Biology

Note: Although not a prerequisite, prior enrollment in Chemistry may assist students in successfully navigating this course. Students who have not completed a general chemistry course should include a teacher recommendation from their Biology teacher.

Course Description: This course is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.
SUMMER WORK REQUIRED.

Physics

Grades: 10-12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful completion of Algebra I and Biology or Honors Biology and successful completion or concurrent enrollment in Geometry.

Course Description: This course includes a study of basic physics concepts, the inter-relationships and conservation laws of motion and energy, including linear and projectile motion, momentum, energy and machines. This course has a strong reliance on mathematical computations and basic algebra.

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*AP Physics I

Grades: 10-12 **Type of Credit: 1 Science Credit**
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Algebra II or Adv Algebra II, Geometry or Advanced Geometry and Biology or Honors Biology.
Concurrent enrollment in Precalculus will contribute to a student's success in this course.

Course Description: Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six Big

Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. **SUMMER WORK MAY BE REQUIRED.**

Forensic Science

Grades: 11-12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful completion of Biology or Honors Biology and 1 additional science course.

Course Description: This is a laboratory-based course in which students explore topics in biology, chemistry, and physics as they pertain to the criminal justice system through inquiry and active investigations. Students will be immersed into current, relevant topics through hands-on experiences. Students will work in a laboratory environment and utilize the scientific method along with modern forensic techniques to address various legal situations.

Anatomy & Physiology

Grades: 11-12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful completion of Biology or Honors Biology.

Course Description: This course is designed for students who want to have a career in health-related occupations: medicine, nursing, physical therapy, pharmacy, veterinary medicine, etc. This course covers the structure and function of the human body from the cellular level through each of the body's organ systems. Students will complete a lab or dissection for each unit.

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*AP Environmental Science

Grades: 11-12 **Type of Credit: 1 Science Credit**
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of Algebra I, and Biology or Honors Biology

Course Description: The AP Environmental Science course is a full-year course designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, to examine alternative solutions for resolving and/or preventing them, and to develop and focus their own political perspective. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

Botany

Grades: 11-12 **Type of Credit: ½ Science Credit**

Prerequisite: Successful completion of Biology or Honors Biology and 1 additional science course.

Course Description: Botany is the scientific study of plants and their relationship with the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and outdoor experiences complement classroom activities.

Zoology

Grades: 11-12 **Type of Credit: ½ Science Credit**

Prerequisite: Successful completion of Biology or Honors Biology and 1 additional science course.

Course Description: This course provides an introduction to the wide world of animals by studying the different invertebrate phyla and vertebrate classes in-depth. Students will be responsible for learning the main characteristics of each and be able to identify them based on specimens. Students will be expected to handle real specimens and participate in virtual dissections.

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*Human Nutrition

Grades: 11-12 **Type of Credit: .5 Science Credit (3 College)**

Prerequisite: 3.0 GPA (Unweighted) & participation in the Academies of Belton Healthcare Institute

Course Description: This course introduces students to nutrient requirements, their functions and food sources throughout the life cycle. Students will evaluate food and nutrient intake using peer-reviewed dietary guidelines.

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*Medical Terminology

Grades: 11-12 **Type of Credit: .5 Science Credit (2 College)**

Prerequisite: 3.0 GPA (Unweighted) & participation in the Academies of Belton Healthcare Institute

Course Description: This course introduces students to basic vocabulary of medical terms stressing prefixes, suffixes, and roots, with application to each system of the body.

Biomedical Science (Project Lead The Way)

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Students who successfully complete three years of Biomedical Science courses may be exempt from one science graduation credit.

Enrolling in biomedical cluster classes will assist students in being successful in HOSA: Future Health Professionals.

Principles of Biomedical Sciences (PBS)

Grade: 9 - 12 **Type of Credit: 1 Science Credit**
(priority will be given to 9th & 10th grade students)

Recommendation: Minimum successful completion of 8th grade Science and/or PLTW Gateway with recommendation.

Course Description: Students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems. Recommended for students interested in health science careers.

Human Body Systems (HBS)

Grade: 10 - 12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful Completion of Principles of Biomedical Science (PBS)

Course Description: Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Medical Interventions (MI)

Grades: 11-12 **Type of Credit: 1 Science Credit**

Prerequisite: Successful completion of Human Body Systems (HBS).

Course Description: Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are
exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

*Biomedical Innovation (BI)

Grade: 12 **Type of Credit: 1 Science Credit**
Capstone Course

Prerequisite: Successful completion of Medical Interventions (MI).

Course Description: This is the PLTW Biomedical Science Capstone Course. Students will build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

Social Studies

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

American History

Grades: 9 **Type of Credit: 1 Social Studies Credit**

Course Description: The course will explore American History from Western Expansion to modern times. Major units in the first term will include reconstruction, western expansion, industrialization, The Gilded Age, progressivism, WWI, and the 1920s. Major units in the second term will cover social, political, and economic issues from 1920, with emphasis on the Great Depression, WWII, the Cold War, and cybersecurity, civil rights movement, the 1950s, the Korean Conflict, the 1960s, Watergate, and all modern presidents.

Honors American History

Grade 9 **Type of Credit: 1 Social Studies Credit**

Course Description: This Honors course is designed to expose students to the challenges associated with an AP course. The course will explore American History from Western Expansion to modern time. Major units in the first term will include reconstruction, western expansion, industrialization, The Gilded Age, progressivism, WWI, and the 1920s. Major units in the second term will cover social, political, and economic issues from 1920, with emphasis on the Great Depression, WWII, the Cold War, and the civil rights movement, the 1950s, the Korean Conflict, the 1960s, Watergate, and all modern presidents.

American History

Grades: 10 - 12 **Type of Credit: 1 Social Studies Credit**

This course is designed for students new to BHS who have not met the American History Graduation Requirement.

Course Description: This course will explore American History from Western Expansion to modern times. Major units in the first term will include reconstruction, western expansion, industrialization, The Gilded Age, progressivism, WWI, and the 1920s. Major units in the second term will cover social, political, and economic issues from 1920 to the election of 1992, with emphasis on the Great Depression, WWII, the Cold War, the civil rights movement, the 1950s, the Korean Conflict, the 1960s, Watergate, and all modern presidents.

*American History 101

Grades: 11-12

***Semester 1**
Type of Credit: ½ Social Studies Credit
3 hours Dual Credit through UMKC
***History 101**

Prerequisite: An overall 3.0 GPA or a 21 on the ACT is required to earn college credit.

Course Description: This course covers United States history through 1877. The course content will focus on the discovery of North America, exploration, colonization, American Revolution, birth of the United States, slavery, Civil War, and Reconstruction. Course grades are primarily based upon quizzes, a midterm exam, a final exam and projects.

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*American History 102

Grades: 11-12

***Semester 2**
Type of Credit: ½ Social Studies Credit
3 hours Dual Credit through UMKC
***History 102**

Prerequisite: An overall 3.0 GPA or a 21 on the ACT is required to enroll for college credit.

Course Description: This course covers the post-Civil War era to the present. This survey course encompasses the constitutional, political, social and economic development of the United States since 1877. Topics include; WWI, 1920s, 1930s, WWII, Cold War, and Civil Rights. Course grades are primarily based upon quizzes, a midterm exam, a final exam and projects.

World History

Grade: 10

Type of Credit: 1 Social Studies Credit

Course Description: This course will deal with some of the most important events and developments in the story of our past. World History will trace the past from different parts of the world in the areas of government, society, science, technology, art, literature, religion, and philosophy. As a class, we will identify ways these elements connect the diverse peoples of the world, past and present.

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*AP World History: Modern

Grade: 10-12

Type of Credit: 1 Social Studies Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of English I and 1 Social Studies course.

Course Description: This course will examine the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. This is a highly rigorous and writing intensive course. Students should expect 1-2 hours of homework on a nightly basis. SUMMER WORK REQUIRED.

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*AP Human Geography

Grade: 10-12

Type of Credit: 1 Social Studies Credit
COLLEGE CREDIT POSSIBLE - AP EXAM

Prerequisite: Successful completion of English I and 1 Social Studies course.

Course Description: This course explores how humans have understood, used, and changed the surface of Earth. Students will use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use. The following skills will be taught: how to connect geographic concepts and processes to real-life scenarios, how to interpret information shown in maps, tables, charts, graphs, infographics, images, and landscapes, how to find patterns and trends in data and visual sources such as maps and drawing and then formulate conclusions, and the understanding of spatial relationships using geographic scales.

Content will be connected to and taught through the lens of all three college and career academies.

American Government

Grade: 11

Type of Credit: 1 Social Studies Credit

This graduation requirement and EOC may also be satisfied through enrollment in Political Science 210.

Course Description: This course is a study of the origins, development, structure, and functions of American government. Topics include the constitutional framework, the three branches of government, civil rights and civil liberties, state and local government, political participation and citizenship. Upon completion, students should be able to demonstrate an understanding of the basic concepts and participatory processes of the American political system, basic concepts of state and local government and their relationships with the federal government.

To meet a state graduation requirement students will be required to take and pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.

(EOC: End of Course assessment required.)

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*Political Science 210

Grades: 11-12

Type of Credit: 1 Social Studies Credit
3 hours Dual Credit through UMKC
***POL-SCI 210**

Successful completion of this course qualifies to fulfill the Government requirement for graduation and required completion of the EOC (end of course assessment) for American Government.

Prerequisite: An overall 3.0 GPA or a 21 on the ACT is required to earn college credit.

Course Description: This course introduces key concepts and ideas of American government and politics. Topics covered include the structure and functions of the three branches of government, the Constitution, federalism, civil liberties, civil rights, political attitudes, interest groups, political parties, elections, campaigns, media, voting behavior, and bureaucracy. Students will examine the challenges that accompany democratic governance and evaluate their own role in a democratic society. This course is primarily project, inquiry, and discussion based.

To meet a state graduation requirement students will be required to take and pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.

Psychology

Grades: 9-12 **Type of Credit: ½ Social Studies Credit**

Course Description: This course is a thorough survey of the major areas and approaches to psychology. As a discipline, psychology examines how humans and other organisms develop.

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*General Psychology 1100

Grades: 11-12 **Type of Credit: 1 Social Studies Credit**
3 hours Dual Credit through UCM
***General Psychology 1100**

Prior completion of a Psychology course is not required for enrollment in this course.

Prerequisite: An overall 3.0 GPA or a 21 on the ACT is required to enroll for college credit. (Interested sophomores may apply to enroll. Sophomores must have an overall 3.0 GPA and a letter of recommendation from their BHS counselor.)

Course Description: This course will provide you with a general introduction to the scientific study of behavior and mental processes through the exploration of major theories, concepts, methods, and research findings in the field of psychology. Topics include brain and neuroscience, behavioral genetics, cognitive and social development, perception, learning, memory, decision-making, language, consciousness, emotions, motivation, psychological disorders, social identity, interpersonal interactions and group and cultural processes.

Sociology

Grades: 10-12 **Type of Credit: ½ Social Studies Credit**

Course Description: Humans are social creatures. Sociology seeks to explain social patterns and their changes over time and in different settings. This course will cover the basics of culture, socialization, and why groups of people act the way they do. Sociology is about group dynamics so be prepared to work in groups, have class discussions, and even debates. This is a very social and interactive class.

Criminal Law

Grades: 11-12 **Type of Credit: ½ Social Studies Credit**

Course Description: Students will learn how the law affects their personal life. Emphasis in this course is placed on helping students become aware of their legal duties, obligations, and rights. This course uses case law to enhance comprehension of constitutional criminal law.

Civil Law

Grades: 11-12 **Type of Credit: ½ Social Studies Credit**

Course Description: Civil (tort) law concerns individuals suing other individuals or entities. Emphasis in this course is placed on helping students understand their rights in relation to civil law. This course uses case studies to help understand the scope of constitutional civil law.

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*Sociology 160: Sociology

Grades: 11-12 **Type of Credit: .5 Social Studies (3 College MCC)**

Prerequisite: 3.0 GPA (Unweighted) & acceptance into the Academies of Belton Public Service Institute

Course Description: Introduction to sociological principles, practices, and concepts with emphasis on groups, culture, personality, society, communication, cities, and social institutions. Family, religion, government, social change, social control, and social progress. (MOTR SOCI 101)

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*Criminal Justice 101: Intro to Criminal Justice

Grades: 11-12 **Type of Credit: .5 Social Studies (3 College MCC)**

Prerequisite: 3.0 GPA (Unweighted) & acceptance into the Academies of Belton Public Service Institute

Course Description: Philosophical and historical background of law enforcement, courts, and corrections. Organization, purpose, and functions of criminal justice agencies on the local, state, and federal levels. The respective roles of personnel in justice agencies in the United States. Career requirements and opportunities in these fields. (MOTR CRJS 101)

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*Sociology 163: Contemporary Social Issues

Grades: 11-12 **Type of Credit: .5 Social Studies (3 College MCC)**

Prerequisite: 3.0 GPA (Unweighted) & acceptance into the Academies of Belton Public Service Institute

Course Description: Introductory survey of the interdisciplinary scientific study of current social problems in the United States and their impact on individuals and society. Problems related to inequality, economics and poverty, class, age, race, ethnicity, gender, religion, crime, violence, education, health care, mental health care, substance abuse, political power, globalization, and the environment are most frequently examined. (MOTR SOCI 201)

Special Education

Co-taught Courses

Enrollment by placement only.

Co-taught classes are designed to provide students the opportunity for instruction from a general education teacher who is highly qualified in the content area and a special education teacher who is knowledgeable of the student's varied learning styles.

Resource Classes

Enrollment by placement only.

Classes are designed for students who receive special education services. The resource room is a separate classroom in the school where students receive direct and/or specialized instruction.

LCCE Classes

Enrollment by placement only.

Classes are designed for students who receive special education services. LCCE classes provide direct and/or specialized instruction to identified students.

English

Co-taught English 1

Grade 9 **Type of Credit: 1 English Credit**

Enrollment by placement only.

In this course a Co-teacher will support students and a general education teacher in English I. Students will learn the basics of writing and apply the information to a variety of assignments including a research paper. In addition, students will read an assortment of texts from a variety of genres and styles.

Co-taught English 2

Grade 10 **Type of Credit: 1 English Credit**

Enrollment by placement only.

Prerequisite: Successful completion of English 1.

In this course a Co-teacher will support students and a general education teacher in English 2. Students will be introduced to world literature and discuss a variety of books. Vocabulary development is stressed throughout the course. Students will go more in depth into how to communicate effectively their ideas in writing.

(EOC: End of Course assessment required.)

Co-taught English 3

Grade 11 **Type of Credit: 1 English Credit**

Enrollment by placement only.

Prerequisite: Successful completion of English II.

In this course a Co-teacher will support students and a general education teacher in English 3. Students will develop an appreciation and understanding of American literature; learn to analyze and evaluate fiction, drama, nonfiction, and poetry; improve writing and research skills; and learn to navigate and be successful on the ACT.

Co-taught English 4

Grade 12 **Type of Credit: 1 English Credit**

Enrollment by placement only.

Prerequisite: Successful completion of English III.

In this course a Co-teacher will support students and general education teacher in English 4. This reading and writing intensive class is designed to be a continuation of English studies; reading and literary analysis, a research paper, grammar, critical thinking, vocabulary, and resumes will be emphasized.

Resource English 1
Grade 9
Enrollment by placement only.

This course of study supports students with learning disabilities to develop competence in reading and writing. In this class, students follow the general education English curriculum with modified assignments at a more individualized pace. Smaller class sizes provide for more step-by-step instruction, in-class reading, development of concreted reading skills and some independent reading. Students will practice organization and study skills and break longer assignments into manageable pieces. Students are placed in this course based on IEP team decisions.

Resource English 2
Grade 10
Type of Credit: 1 English Credit

Enrollment by placement only.

Prerequisite: Successful completion of English 1.

This course of study supports students with disabilities to develop competence in reading and writing. In this class, students follow the general education English curriculum with modified assignments at a more individualized pace. These smaller classes provide more step-by-step instruction, in-class reading, development of concreted reading skills and some independent reading. Vocabulary development and independent learning are stressed throughout the course. Students will be introduced to a variety of literature. For example, short fictional stories, novels, poetry, and non-fiction information. Students will go more in depth into how to communicate their ideas in writing effectively. Students are placed in this course based on IEP team decisions.

(EOC: End of Course assessment required)

Resource English 3
Grade 11
Type of Credit: 1 English Credit

Enrollment by placement only.

Prerequisite: Successful completion of English 2.

This course is designed to support students with disabilities. Students will develop an appreciation and understanding of American literature; learn to analyze and evaluate fiction, drama, nonfiction, and poetry; improve writing and research skills. Students are placed in this course based on IEP team decisions.

Resource English 4
Grade 12
Type of Credit: 1 English Credit

Enrollment by placement only.

Prerequisite: Successful completion of English 3.

This course is designed to support students with disabilities. This reading and writing intensive class is designed to be a continuation of English studies; reading and literary analysis, a research paper, grammar, critical thinking, vocabulary, and resumes will be emphasized. Students are placed in this course based on IEP team decisions.

Reading 9
Reading 10
Reading 11
Reading 12

Type of Credit: ½ - 1 Elective Credit
Course may be repeated.

Enrollment by placement only.

Course Description: This is a reading class designed to meet the needs of students whose reading achievement is below the proficient level at their respective grade level. The class directly addresses individual needs through direct instruction, small group, and individualized reading time in reading skills, non-fiction, and high-interest literature. Additionally, students are afforded an opportunity to pre-read content text or passages from their current core curriculum. This course is for students with reading disabilities with placement by the IEP team.
Reading 10 will also address skills assessed on the required EOC English II assessment.

Mathematics

Co-taught Algebra 1
Grade 9

Type of Credit: 1 Math Credit

Enrollment by placement only.

In this course a Co-teacher will support students and general education teacher in Algebra I. This course is an in-depth study of the foundations of Algebra. Topics include solving and graphing linear and quadratic equations and inequalities, functions, algebraic manipulation, problem-solving,. The class focuses on providing students with a balance between foundational knowledge and real world application. Students will provide and explain solutions, and provide conjectures to problems using mathematical concepts.

(EOC: End of Course assessment required.)

Study Skills Geometry
Grade 10 - 12

Type of Credit: 1 Math Credit

Enrollment by placement only.

Prerequisite: Successful completion of Algebra I.

This class complements the general education Geometry course. Similar to a co-taught class, special education staff coordinate with general education teachers in order to pre teach and/or review concepts taught in the Geometry class.

Geometry is the study of shapes and their properties. Students will explore the world of Euclidean Geometry by diving into the topics of segments and angles, parallel and perpendicular lines, triangle relationships, quadrilaterals, similarity, polygons, surface area and volume, right triangles, trigonometry and circles.

Study Skills Algebra II

Grade 10 - 12 **Type of Credit: 1 Math Credit**

Enrollment by placement only.

Prerequisite: Successful completion of Algebra I.

This class complements the general education Algebra II course. Similar to a co-taught class, special education staff coordinate with general education teachers in order to pre teach and/or review concepts taught in the Algebra II class.

This course is designed to dive deeper into previously learned topics, including linear equations and inequalities, quadratic functions, polynomial functions, exponential and logarithmic functions, and statistical analysis and probability.

Math 1 (Resource Math)

Grade 9 **Type of Credit: 1 Math Credit**

Enrollment by placement only.

Grade 9 Resource Math is an introduction to basic algebra concepts and a review of arithmetic algorithms. The course emphasizes the concepts necessary to be successful in Algebra IA.

Algebra 1A

Type of Credit: 1 Math Credit

Grade 10-12

Enrollment by placement only.

Algebra 1A is designed to encourage and promote students to develop basic and intermediate algebra skills. The pace of this course will be directly related to the individual student needs and abilities along with implementing skills from semester 1 of Algebra 1. Upon the completion of this course, the students will typically take Algebra 1B in preparation for the Algebra 1 EOC.

Algebra 1B

Grade 10-12 **Type of Credit: 1 Math Credit**

Enrollment by placement only.

Algebra 1B is designed to encourage and promote students to develop basic and intermediate algebra skills. The pace of this course will be directly related to the individual student needs and abilities along with implementing skills from semester 2 of Algebra 1. Upon completion, the student will have the opportunity to take the Algebra 1 EOC.

Science

Co-taught Physical Science

Grade 9

Type of Credit: 1 Science Credit

Enrollment by placement only.

In this course a Co-teacher will support students and general education teacher in Physical Science.
The course is designed to provide a strong foundation in the basic concepts of physical science and to develop valuable skills for the classroom, laboratory, and life. The course provides manipulative experiences to develop essential inquiry skills and to cover matter, motion, energy, light, and sound. In each unit, every attempt is made to help students understand how science applies to the many aspects of their lives.

Co-taught Biology

Grades 10-12

Type of Credit: 1 Science Credit

Enrollment by placement only.

In this course a Co-teacher will support students and the general education teacher in Biology. This course introduces the study of living organisms. It is a prerequisite for all other biology electives. This course includes all theories relevant to biology and will explore a variety of biological topics. Students will be asked to read, write, evaluate, research and present about these topics. Biology will help establish a solid foundation in inquiry-based scientific exploration. A science notebook will be used in conjunction with the class website to document all aspects of this course.

(EOC: End of Course assessment required.)

Co-taught Botany/Zoology

Grades 11-12

Type of credit: 1 Science Credit

Enrollment by placement only.

This full year course will cover curriculum from both Botany and Zoology courses.

Botany is the scientific study of plants and their relationship with the environment. In this course students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Laboratory and outdoor experiences complement classroom activities.

Zoology provides an introduction to the wide world of animals by studying the different invertebrate phyla and vertebrate classes in-depth. Students will be responsible for learning the main characteristics of each and be able to identify them based on specimens. Students will be expected to handle real specimens and participate in virtual dissections.

Co-taught Forensic Science

Grade 11 - 12

Type of credit: 1 Science Credit

Enrollment by placement only.

This full year course will cover the curriculum from Forensic Science.

Forensics is a laboratory-based course in which students explore topics in biology, chemistry, and physics as they pertain to the criminal justice system through inquiry and active investigations. Students will be immersed into current, relevant topics through hands-on experiences. Students will work in a laboratory environment and utilize the scientific method along with modern forensic techniques to address various legal situations.

Social Studies

Co-taught Government

Grade 11

Type of Credit: 1 Social Studies Credit

Enrollment by placement only.

In this course a Co-teacher will support students and general education teacher in Government. This course is a study of the origins, development, structure, and functions of American national government. Topics include the constitutional framework, the three branches of government, civil rights and civil liberties, state and local government, political participation and citizenship. Upon completion, students should be able to demonstrate an understanding of the basic concepts and participatory processes of the American political system, basic concepts of state and local government and their relationships with the federal government.

To meet a state graduation requirement students will be required to take and pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.

(EOC: End of Course assessment required)

LCCE Math

Grade 9 - 10

Type of Credit: 1 Math Credit

Enrollment by placement only.

This course is pre-algebra and designed for students who need opportunities to engage with pre-algebra content prior to taking Algebra 1A and 1B. This course builds on and strengthens students' math skils while giving them opportunities to engage with vocabulary and skills they will need when they take the Algebra 1 EOC after completing LCCE Algebra 1A and 1B.

LCCE Science

Grade 9 - 10

Enrollment by placement only.

This course is designed for students who need opportunities to engage with life science and biology content prior to taking LCCE Biology. This course builds on and strengthens students' science understanding and skills while giving opportunities to engage with vocabulary and topics they will see when they take LCCE Biology and the Biology EOC.

LCCE Social Studies

Grade 9 - 10

Enrollment by placement only.

This course is designed for students who need opportunities to engage with social studies content prior to taking LCCE Government. This course builds on and strengthens students' social studies understanding and skills while giving opportunities to engage with vocabulary and topics they will see when they take the Government EOC .

To meet a state graduation requirement students will be required to take and pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.

LCCE English

Grade 9 - 12
Enrollment by placement only.

This course is designed for students who need opportunities to engage with English content prior to taking the English I EOC. This course builds on and strengthens students' reading comprehension, reading fluency, and basic reading understanding and skills while giving opportunities to engage with vocabulary and topics they will see when they take the English I EOC.

LCCE Algebra 1A
Grade 11 - 12
Enrollment by placement only.

This course is semester one of Algebra and a course designed for students who need opportunities to engage with Algebra content prior to taking the Algebra I EOC. This course builds on and strengthens students' math skills while giving opportunities to engage with vocabulary and skills they will see when they take the Algebra I EOC.

LCCE Algebra 1B
Grade 11 - 12
Enrollment by placement only.

This course is semester two of Algebra and a course designed for students who need opportunities to engage with Algebra content prior to taking the Algebra I EOC. This course builds on and strengthens students' math skills while giving opportunities to engage with vocabulary and skills they will see when they take the Algebra I EOC.

LCCE Biology
Grade 11 - 12
Enrollment by placement only.

This course is designed for students who need opportunities to engage with Biology content prior to taking the Biology EOC. This course builds on and strengthens students' science understanding and skills while giving opportunities to engage with vocabulary and topics they will see when they take the Biology EOC.

LCCE Government
Grade 11 - 12
Enrollment by placement only.

This course is designed for students who need opportunities to engage with Government content prior to taking the Government EOC. This course builds on and strengthens students' social studies understanding and skills while giving opportunities to engage with vocabulary and topics they will see when they take the Government EOC.

To meet a state graduation requirement students will be required to take and pass an exam which covers the US & MO Constitutions and the provisions and principles of American Civics.

Direct Communication Skills
Grades 9 - 12

Type of Credit: .5 or 1 Elective Credit

Enrollment by placement only. **.5 Oral Communications Credit**

This course is designed to provide specialized instruction in which students with disabilities learn and apply direct communications and academic skills and strategies. This class will increase the students ability to understand and demonstrate social activities, social skills, and the benefits of social interaction in the school and post-secondary setting.

Study Skills
Grades 9-12 **Type of Credit: .5 or 1 Elective Credit**
Enrollment by placement only.

Students will focus on academic strategies in the areas of reading, math and writing that can be applied across all contents. The students will have the opportunity to work on recovering credits. In addition, students will be given time to work on homework from other classes. **This is not a study hall.**

Independent Living Skills
Grades 9-12 **Type of Credit: 1 Elective Credit**
Enrollment by placement only.

This course is designed to provide specialized instruction in which students with disabilities build independent living skills that will assist with postsecondary success. Instruction will focus on cooking, laundry, budgeting, functional reading/writing/ math, and adaptive job skills. Skills taught in LCCE Core Classes are applied in this course to support student success in life.

Transition: Employability Skills
Grades 9-12 **Type of Credit: .5 or 1 Elective Credit**
Enrollment by placement only.

Students will develop employment, independent living, job exploration, and self advocacy skills. Resume writing/work communication/managing workplace relationships will all be addressed. Students may also devote part of their time to credit recovery when necessary.

Work Experience
Grades 9-12 **Type of Credit: 1 Elective Credit**
Enrollment by placement only.

This course is designed to provide specialized instruction by which students with disabilities learn how to explore occupational possibilities, selecting and planning occupational choices, exhibiting appropriate work habits and behavior, seeking, securing and maintaining employment, exhibiting sufficient physical-manual skills and obtaining specific occupational Skills, by participating in class enterprises, Job Olympics, and Community Based Instruction and Job Exploration.

Skills taught in LCCE Core Classes are applied in this course to support student success in the workplace.

Life Academy
Enrollment by placement only.

The 18-21 Program serves students, 18 to 21 years old, with disabilities who have met all high school graduation requirements. Students typically receive the majority of their instruction off campus in community settings. The goal is to provide students with the skills and resources necessary to live and work as successfully and independently as possible within their community. Students may attend on a part-time or full-time basis as determined by the student's IEP team.

World Language

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

French I

Grades: 9-12 **Type of Credit: 1 Elective Credit**

Course Description: This course is designed primarily to teach students to speak, read, write and understand simple French and to acquaint them with French culture. Topics include: greetings, clothing, numbers, time, activities, interests, food, family members, descriptions and geography.

French II

Grades: 9-12 **Type of Credit: 1 Elective Credit**

Prerequisite: Successful completion of French I

Course Description: Listening and speaking exercises are still fundamental with more emphasis on grammar and syntax. Reading and writing will continue to be developed. Topics include sports, food, clothing, daily activities, routines, shopping, and travel.

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*College French III

Grades: 10-12 **Type of Credit: 1 Elective Credit**
3 hours Dual Credit through UMKC
***French 110**

Prerequisite: Successful completion of French II, An overall 3.0 GPA or 21 on the ACT ito receive UMKC credit

Course Description: Students will increase their vocabulary and will use more complex sentence structure and grammar skills in oral and written work. Literature and other authentic resources will be used.

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*College French IV

Grade: 11-12 **Type of Credit: 1 Elective Credit**

3 hours Dual Credit through UMKC
***French 120**

Prerequisite: Successful completion of *College French III, An overall 3.0 GPA or 21 on the ACT required to earn college credit.

Course Description: This course is designed to integrate all skills-reading, writing, listening, and speaking in a variety of tasks and situations. Culture, literature and authentic resources will be used.

French V

Grade: 12 **Type of Credit: 1 Elective Credit**

Prerequisite: Successful completion of *College French IV.

Course Description: This is an advanced study of the French language and francophone cultures. Students will communicate primarily in the target language. This communication is evidenced in all four language skills - listening, speaking, reading and writing.

Spanish I

Grades: 9-12 **Type of Credit: 1 Elective Credit**

Course Description: This course is designed primarily to teach students to speak, read, write, and understand basic Spanish and to acquaint students with Hispanic culture. Topics include greetings, clothing, numbers, time, activities, interests, food, family members, descriptions, and geography.

Note: This course is not appropriate for Native Spanish Speakers.

Spanish II

Grades: 9-12 **Type of Credit: 1 Elective Credit**

Prerequisite: Successful completion of Spanish I
Note: Native Spanish Speakers interested in enrolling in this course should check with their BHS Counselor.

Course Description: Listening and speaking exercises are still fundamental with more emphasis on grammar and syntax. Reading and writing will continue to be developed. Topics include sports, food, clothing, daily activities, routines, shopping, and travel.

Spanish III

Grade: 10-12 **Type of Credit: 1 Elective Credit**
Course may be repeated

Prerequisite: Successful completion of Spanish II

Course Description: Students will increase their vocabulary and will use more complex sentence structure and grammar skills in oral and written work. Literature and other authentic resources will be used.

AP Spanish Language & Culture

Grades: 11-12 **Type of Credit: 1 Elective Credit**

Prerequisite: Successful completion of Spanish III

Course Description: Students will cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges."
Prerequisites: Spanish 3 or 4 (second year of college Spanish) or a Native Speaker who has taken Spanish for Native Speakers.

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*Elementary Spanish I 110 (College Spanish III 22-23)

Grades: 10-12 **Type of Credit: 1 Elective Credit**
3 hours Dual Credit through UMKC
***Elementary Spanish I 110**

Prerequisite:

Grade 10: Successful completion of at least one year of Spanish. An overall 3.0 GPA and a recommendation from their BHS counselor.
Grades 11 - 12: No prior Spanish is required. An overall 3.0 GPA or a 21 on the ACT is required to earn college credit.

Course Description: The goals of this course are an ability to speak and to understand simple (spoken) Spanish as well as to read and write simple prose.

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*Elementary Spanish II 120 (College Spanish IV 22-23)
*Second Year Spanish I 211

Grades: 11-12 **Type of Credit: 1 Elective Credit**
6 hours Dual Credit through UMKC
***Elementary Spanish II 120**
***Second Year Spanish I 211**

Prerequisite: Successful completion of *Elementary Spanish I 110. An overall 3.0 GPA or 21 on the ACT is required to earn college credit.

Course Description: Spanish 120 is a continuation of Spanish 110.
Spanish 211 provides further development of comprehension and communicative skills in the language. Readings of moderate difficulty and grammar review. Practice in writing. The goal is attainment of intermediate proficiency in the language.

Spanish for Native Speakers

Grade: 9 - 12 **Type of Credit: 1 Elective Credit**

Prerequisite: Enrollment by placement only, must be a native Spanish speaker. Course may be repeated with teacher approval.

Course Description: The course is designed to expand students' bilingual range by developing and challenging their ability in speaking, writing, reading, and development of cultural awareness of Spanish speaking world. Through strengthening their native language, students will enhance their future academic and career opportunities. All instruction will be delivered in Spanish.

Online Courses

If a student is enrolled in an online course and has less than a 2.5 GPA, the student is required to enroll in online course support. If a student has a 2.5 GPA or higher, he/she may take online course support. The student may also take the online class in addition to the normal schedule.

Only one online course may be taken per semester. If a student fails a course, the option to take it online will be removed.

Online Course Support

Grade: 10-12 **Type of Credit: No Credit**

Course Description: This non-credit course is designed for students who are concurrently enrolled in a BHS online course. It is to give students time during the school day to work on their online course.

Online ACT Prep

Grade: 11-12 **Type of Credit: ½ Elective Credit**

Course Description: Online ACT Prep is an online class designed for BHS seniors who want to improve their composite ACT score. Enrolled students will learn test-taking strategies, practice skills in English, math, reading, and science, and take multiple practice tests with immediate feedback. Certified BHS teachers will monitor student progress, grade assignments, and communicate with students online. Students who successfully complete the course will take the ACT toward the end of the semester, free of charge.

Online Health

Grade: 10-12 **Type of Credit: ½ Health Credit**

Course Description: The focus of this class is taking personal responsibility for students' health and making the choices to lead a healthy lifestyle. Topics include fitness, nutrition, TAOD (Tobacco, Alcohol, and Other Drugs), communicable and non-communicable diseases, and first aid.

Online Personal Finance

Grade: 11-12 **Type of Credit: ½ Personal Finance Credit**

Course Description: Make wise financial decisions after learning about personal budgeting, banking services, credit, taxes, investment options, risk management, and consumer rights and responsibilities.

Enrollment is only available during the school year.

UCM WeMET Online College Courses

Below are the courses offered through UCM WeMET that are available online. Some of the classes have a prerequisite that must be met before enrollment into the course. Students who meet the Prerequisite should work with the Belton High School counseling office to register for UCM and enroll in the class. The session dates and deadlines for UCM WeMET may differ from Belton High School courses and semesters.

Prerequisite for All UCM WeMet Online Courses: *Cumulative* 3.0 GPA

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*College Intro to Criminal Justice

Grades: 11-12

Type of Credit: ½ Social Studies
UCM 3 Credit Hours
3 Credit Hours CJ 1000

Course Description: The course covers the history, nature, and function of the criminal justice system in America. Special attention is given to the philosophical basis underlying this system in and to the problems associated with crime control in a democratic society. At each stage of the process, major issues confronting the system are examined. Most colleges will accept this course as an elective credit.

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*College Personal Finance

Grades: 11-12

Type of Credit: ½ Personal Finance or PA
UCM 3 Credit Hours
3 Credit Hours FN 1820

Course Description: For the student who desires information on managing his/her personal income.

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*College Experiencing Music

Grade: 11-12

Type of Credit: ½ Fine Art
UCM 3 Credit Hours MUS 1210

Course Description: An introduction to important musical masterpieces with emphasis on the knowledge and skills involved in perceptive listening.

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*College Psychology

Grade: 11-12

Type of Credit: ½ Social Studies
UCM 3 Credit Hours PSY 1100

Course Description: This course is a general introduction to the science of behavior, surveying the broad field of psychology and the methods of investigation.

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*College Sociology

Grade: 11-12

Type of Credit: ½ Social Studies
UCM 3 Credit Hours SOC 1800

Course Description: This course explores the relationships of individuals, groups, and society in the context of changing social institutions. Addresses basic concepts and subfields in sociology.

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*College Elementary Spanish I

Grade: 11-12

Type of Credit: ½ Foreign Language
UCM 3 Credit Hours SPAN 1601

Prerequisite: B or higher in BHS Spanish II

Course Description: Fundamentals of Spanish pronunciation, the building of basic vocabulary and patterns, oral work, studies in structure, and reading selections. Not open to native speakers or students who have had three years of high school Spanish without permission of the department chair. ***Students need access to a webcam and microphone.***

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*College Elementary Spanish II

Grade: 11-12

Type of Credit: ½ Foreign Language
UCM 3 Credit Hours SPAN 1602

Prerequisite: College Elementary Spanish I or B or higher in BHS Spanish III

Course Description: A continuation of College Elementary Spanish I, with increased attention to grammar. Not open to native speakers or students who have had four years of high school Spanish without permission of the department chair. ***Students need access to a webcam and microphone.***

Other Courses

Note: Successful completion typically refers to a C or better, exceptions require teacher recommendation.

Freshman Seminar

Grade 9 **Type of Credit: 1 Elective**

This required full year course for all incoming freshmen offers skills and techniques to help students acclimate to high school. Topics to be covered during the course include Academic & Technical Skills, Career Development, Collaboration, Communication, Creativity, Critical Thinking, Digital Citizenship, Employability Skills, Ethics, HIgh School 101, Information Technology Application, Presentation Skills, Problem Solving, Teamwork, and the development of a 10 Year Live plan. The Freshman Seminar skills will assist in fully preparing students to make the appropriate college and career academy choice during the enrollment period second semester of their freshman year .

A+ Seminar

Grade: 12 **Type of Credit: ½ or 1.0 Elective Credit**

Prerequisite: Enrolled in the A+ Program, 95% accumulated attendance, 2.5 GPA, maintain citizenship standards. Student agrees to complete all steps necessary for A+ certification.

Course Description: This course will help students fulfill the required 50 hours of unpaid tutoring/mentoring. Students will be placed with a supervisory teacher at a school in the district. **Students must provide their own transportation to their assigned field school.** Grades will be based on attendance, completed hours of tutoring/mentoring and evaluations by the supervising teacher and A+ coordinator.

*On-site volunteer opportunities: Assisting ESL students; Assisting in LCCE classrooms; Lifeguard in swimming classes.

Students who take part in the A+ program must meet requirements for GPA (unweighted cumulative 2.5 points or higher on a 4-point scale), score proficient or advanced on a math EOC or qualifying score on the math section of the ACT, attendance (an overall rate of at least 95 percent for grades 9 through 12) and good citizenship (standards are set by schools and so vary). Students must also spend 50 hours doing district-supervised unpaid mentoring or tutoring and meet any additional state requirements. High school students who complete the state's A+ Schools Program may earn two years of paid tuition at a public community college or an eligible career or technical school in Missouri. Students will be eligible for A+ funding pending Missouri General Assembly appropriating funds.

AP/College Studies

Grade: 10-12 **Type of Credit: ¼ Elective Credit per semester**

Prerequisite: Enrolled in at least two AP and/or College level classes.

Course Description: Opportunity to work on upper level coursework during the school day.

Front Office Aide

Grade: 11-12 **Type of Credit: ¼ Elective Credit per semester**

Course requirement: Minimum 2.0 GPA, 90% attendance, current on credits.

Course Description: This program is designed to give students the opportunity to work in the main office to provide service to the school. As a general rule, students are limited to one aide assignment per semester.

Counseling Office Aide

Grade: 11-12 **Type of Credit: ¼ Elective Credit per semester**

Course requirement: Minimum 2.0 GPA, 90% attendance, current on credits.

Course Description: This program is designed to give students the opportunity to work in the Counseling Center office to provide service to the school. As a general rule, students are limited to one aide assignment per semester.

Freshman Office Aide

Grade: 11-12 **Type of Credit: ¼ Elective Credit per semester**

Course requirement: Minimum 2.0 GPA, 90% attendance, current on credits.

Course Description: This program is designed to give students the opportunity to work in the Freshman Academy office to provide service to the school. As a general rule, students are limited to one aide assignment per semester.

Teacher Aide

Grade: 11-12 **Type of Credit: ¼ Elective Credit per semester**

Prerequisite: Minimum 2.0 GPA, 90% attendance.

Course Description: This program is designed to give students the opportunity to work alongside a teacher to provide service to the school. As a general rule, students are limited to one aide assignment per semester.

*Related opportunities: Assisting ESL students; Assisting in LCCE classrooms; Lifeguard in swimming classes.

Library Aide

Grade: 11-12 **Type of Credit: ¼ Elective Credit per semester**

ESL

Prerequisite: Minimum 2.0 GPA, 90% attendance.

Course Description: This program is designed to give students the opportunity to work alongside the Library Media Specialist to provide service to the school. As a general rule, students are limited to one aide assignment per semester.

Dual Enrollment

Grade: 12 **Type of Credit: Dependent on hours taken**

Course Description: This course allows a high school student to enroll in coursework at an accredited college or university while simultaneously enrolled in high school coursework. Students will receive high school and college credit. Please schedule an appointment with your counselor to complete the dual enrollment agreement.

Course Requirements: Athletes and those students competing in speech, debate, music, or any other MSHSAA activity should make certain participation in this program does not damage their eligibility. See requirements here. Students must pass 3.5 credits the previous semester and be currently enrolled in 3.5 credits to be eligible for **MSHSAA ACTIVITIES**.

Placement Only

ESL Foundations

Grades: 9-12

Type of Credit: 1 Elective Credit
Course may be repeated

Prerequisite: Placement Only

Course Description: This course introduces students to basic structures and vocabulary of the English language through the skills of reading, writing, speaking, and listening. Students learn strategies in order to advance their reading, listening, and pronunciation skills. They expand oral comprehensibility and write complete sentences, a standard paragraph, and short content-based essays. They utilize level-appropriate conventions of grammar and punctuation with a minimum of errors.

ESL 9
ESL 10
ESL 11/12

Grades: 9-12

Type of Credit: 1 Elective Credit

Prerequisite: Placement Only

Course Description: This course teaches English as a second language by making use of instructional materials and learning tasks from academic content areas as the vehicle for developing language, content, cognitive and study skills.

Reading Advancement

Grades 9-12

Type of Credit: ½ or 1 Elective Credit
Course may be repeated

Prerequisite: Placement Only

Consistent with research conducted by the National Assessment of Adult Literacy,a number of our students who, according to their performance on reading assessments, are performing below proficient levels.
A reading program has been identified to address the deficits of these students. Students whose performance falls within these levels will be enrolled in the Reading Advancement course for either a semester of the full year based on current performance levels.

Freshman Advancement

Grades: 9 **Type of Credit: .5 Elective Credit**

Prerequisite: Placement Only.

Course Description: Students will focus on academic strategies that can be applied across all contents to assist them in being more successful in the classroom. Students will work with the instructor to better habits and study skills. They will perform frequent grade checks and students will be provided interventions to meet their specific needs. Freshman students will be placed in this course based on their academic performance in the previous semester.

Guided Studies

Grade: 10-12 **Type of Credit: ¼ Elective Credit**

Prerequisite: Placement only.

Course Description: Opportunity for select students who, for various reasons, could benefit from having a block built into their schedule to receive some additional academic support. This "guided" support will be designed to help the student organize their material and study habits.

Belton Alternative Program

Grade: 10-12 **Type of Credit: No Credit**

Prerequisite: Placement only.

Course Description: The Belton Alternative Academy provides select students with an opportunity to address credit accumulation and credit recovery through the use of computer-driven curriculum. Case by case review will determine whether a student will be enrolled in the Academy during an AM, PM or Full day session.

Computer Driven Curriculum (CDC)

Grade: 10-12 **Type of Credit: No Credit**

Prerequisite: Placement only.

Course Description: Opportunity for select students who, for various reasons, could benefit from having a block built into their schedule to recover some credit via computer-driven curriculum. Students will be provided some timeline expectations and utilize the time allotted to address the requirements of their respective CDC course.

Missouri Options

Grade: 12 **Type of Credit: No Credit**

Prerequisite: Placement only.

Course Description: The Missouri Option Program permits full-time, public school enrolled students who are at least 17 years of age, and at risk of dropping out or not graduating with their cohort group, the opportunity to earn a standard high school diploma.

OFF CAMPUS OPPORTUNITY

Cass Career Center
Harrisonville, MO

Application Programs. Transportation provided by Belton School District. Once accepted and enrolled, due to the financial commitment by the school district, students should expect to remain in the program the entire school year.

Note: Although certain programs do include a "math credit" collected over a two year program, this will not satisfy the third math credit requirement which is expected of all Belton High School students. (The "minimum" target course upon graduation is Geometry, and students should plan on taking a full year of math during their junior year.)

All programs have limited enrollment; the most qualified students will be selected to attend where program openings are available. Considerations for placement will include Academy/Pathway alignment with the requested program, GPA, attendance history and behavior history.
Learn more about Cass Career Center programming here.

Automotive Electrical and Brakes **Type of Credit: 3 Practical Arts**
Grade: 11-12

Prerequisite: Application and interview with instructor.

Articulation Credit: Metropolitan Community College, Linn State & North Central Missouri College.

Course Description: This program includes an introduction to automobile and chassis design, automotive electricity, brakes, and testing electrical systems. In addition, students will be trained and tested in shop and equipment safety. Students will explore career opportunities offered in the Distribution, Transportation, and Logistics career clusters. All students must visit with an instructor prior to enrolling in class. The visit will include a short test of math, language and mechanical ability. Students will be eligible to sit for the NATEF/ASE student exam upon successful completion of the program. **This class is one year of a two year program.**

Automotive Steering & Engine **Type of Credit: 3 Practical Arts**
Grades: 11-12

Prerequisite: Application & interview with instructor.

Articulation Credit: Metropolitan Community College, Linn State & North Central Missouri College.

Course Description: This program includes an introduction to automobile and chassis design, fuel systems, wheel suspension systems, tune-up procedures, and emissions systems. In addition, students will be trained and tested in shop and equipment safety. Students will explore career opportunities offered in the Distribution, Transportation, and Logistics career clusters. All students must visit with an instructor prior to enrolling in class. The visit will include a short test of math, language and mechanical ability. Students will be eligible to sit for the NATEF/ASE student exam upon successful completion of the program. This class is one year of a 2-year program.
Program Associated Student Certification: National Automotive Technicians Education Foundation (NATEF)

Criminal Justice / Crime Scene Investigation

Grades: 11 and 12

Type of Credit: 3 Practical Art credits
6 college credit hours SFCC

Prerequisite: Application and interview with instructor.
Dual Credit: State Fair Community College (CJ 101: Introduction to Criminal Justice and CJ 102: Introduction to Law Enforcement) may be earned for a total of 6 credit hours.

Course Description: This 2 year program is a general introduction to the American criminal justice system with emphasis on law enforcement. Students will investigate US constitutional law and the Missouri criminal code as well as many aspects of law enforcement such as professional ethics, evidence procedure, crime scene and accident investigation, and types of law enforcement equipment used in industry today. There will be a strong connection to industry and students should be prepared for dealing with real world scenarios in a mature and professional manner**. A class uniform will be required.** This course is both a physical and knowledge demanding course and students will participate in active physical training.

Emergency Medical Technology - Basic (EMT)

Grades: 11-12

Type of Credit: 3 Practical Art credits

Prerequisite: Minimum of a 2.5 GPA; 90% attendance record at home high school; good reading, writing, and math skills. An interview with the instructor prior to enrollment in the class is mandatory for EMT and Firefighter I & II.

Articulated Credit: Metropolitan Community College; may be earned for 8 college credit hours.

Course Description: Basic life support and emergency care skills taught. The student receives instruction for the skills necessary to detect signs, symptoms, and procedures of field management for emergency medical situations. Students will also receive training for certification in the National Incident Management System (NIMS 100, 200, & 700). Clinical observations on local ambulance services occur after class time, and students will need to provide their own transportation to these locations. A class uniform will be required. This course is both a physical and knowledge demanding course and students will participate in active physical training. **Successful completion of all requirements allows the student to be eligible to take the National Registry of EMT practical and written examinations.**

Program Associated Student Certification: Emergency Medical Technician-Basic Training

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Firefighter I & II

Grades: 11-12

Type of Credit: 3 Practical Art credits

Prerequisite: Minimum of a 2.5 GPA; 90% attendance record; good reading, writing, & math skills. An interview with the instructor prior to enrollment in class is mandatory for EMT and Firefighter I & II.

Articulated Credit: Metropolitan Community College; may be earned for 13 college credit hours.

Note: Upon successful completion of this course the student will have received training for certification as a Firefighter I & II, Hazardous Materials Awareness & Operations and National Incident Management System (NIMS 100, 200, & 700). **A class uniform will be required**.

Course Description: This course is both a physical and knowledge demanding course and students will participate in active physical training. Successful completion of all required courses allows the student to be eligible for testing as a firefighter through the Missouri Division of Fire Safety. **Students must be 17-years-old by October 31st during the Firefighter training year to be eligible for state certification examinations.** The requirement by the Missouri Division of Fire Safety and the IFSAC requires this in order to take any certification exam for this course.

Suggested Requirements: Students have completed at their home school an appropriate standardized test battery (General Aptitude Test Battery (GATB), Differential Aptitude Test Battery, and Apticom) and a standardized test of reading achievement. Aptitude batteries assess capacities and abilities necessary to competently perform the responsibilities of the Firefighter/EMT such as learning ability, verbal, numerical and spatial ability, form & clerical perception, motor coordination, finger and manual dexterity, eye-hand-foot coordination, color discrimination. Students are encouraged to participate in the SkillsUSA student organization. **There is a fee associated with membership for dues.** Participation in a fundraiser or optional buyout will be required to help cover charges associated with competitions.

Program Associated Student Certification: Fire I and II FireFighter Training

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Health Sciences

Grade: 12

Type of Credit: 3 Practical Art credits
4 college credit hours UC

Prerequisite: Application and interview with instructor; Minimum of a 2.5 GPA, 90% attendance; good reading, writing, math & communications skills.

Course Description: Students enrolling in this program will have the opportunity to learn basic health care skills to prepare them to directly enter the healthcare field or to continue their education in the healthcare field. Students will learn basic health assistant skills, medical terminology, anatomy and physiology, and research various health care careers. Students will work hands-on in a long term health care facility and have the opportunity to participate in job shadowing in various departments in the hospital setting such as emergency room, laboratory, radiology, PT/OT, nursing, and medication order entry. In addition, students will have shadowing opportunities in fields such as chiropractic, veterinary, daycare, and dental. Students may complete the requirements to obtain their CNA certification in this class. **ALL students must submit a valid Social Security card and successfully pass a background check in order to meet the requirements of this program.**

Program Associated Student Certification: Certified Nurse Assistant (CNA)

Welding 1
Welding 2

Type of Credit: 1.5 Practical Arts each semester

Grade: 11

Advanced Welding 3
Advanced Welding 4

Type of Credit: 1.5 Practical Arts each semester

Grade: 12

Prerequisite: Application & interview with instructor.

Articulated Credit: North Central Missouri College; may be earned for up to 6 credit hours and a reduction in apprenticeship hours with the ironworkers union available upon successful completion of this class.

Course Description: Students learn basic welding skills and safety measures essential in the field of welding. Course content includes oxyacetylene welding, shielded metal arc welding, gas metal arc welding and brief exposure to gas tungsten arc welding. Also covered is math for welders, blueprint reading, welding symbols, and welding safety. Students must have general math skills and to be able to read a tape measure. **The student must provide** their own personal protective equipment.

Program Associated Student Certifications: Occupational Health and Safety Administration (OSHA 10-Hour); American Welding Society

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English 4

Grades: 11 - 12

Type of Credit: 1 English Credit
***Must complete both years of the program**
3 hours dual credit through Crowder College
CTE 3060

Prerequisite: Enrolled in a 3-Hour Block Class at the Cass Career Center

Dual Credit: Crowder College; may be earned for 3 college credit hours in ENG 203: Technical Report Writing

Course Description: This course covers instruction in methods of technical writing, work readiness, job-related vocabulary development, and effective written and oral communications. Students will compose a variety of essays, including expository (informative) and persuasive forms; students will complete formal and informal presentations; and students will complete a course portfolio and senior capstone. Students may earn a maximum of 1.0 credit over a two-year period to fulfill the Language Arts graduation requirement. This course is available to students enrolled in a 3 hour block program at CCC, and these block students are **automatically enrolled**.

Students enrolled in Cass Career Center their junior year must also take a full year of English at BHS.

Math 4

Grades: 11 - 12

Type of Credit: 1 Math Credit
***Must complete both years of program**

Prerequisite: Enrolled in a 3-Hour Block Class at the Cass Career Center

Course Description: This course presents informational methods of contextual mathematical instruction directly related to the corresponding 3-Hour Block Class. Students will review pre-existing concepts and learn new concepts specific to the chosen trade to prepare students for higher education or enter directly into that trade. Students will complete various assignments including but not limited to team projects, periodic problem solving, lab participation, and job site applications. This course is available to students enrolled in a 3 hour block program at CCC, and these block students are **automatically enrolled**.

Students enrolled in Cass Career Center their junior year must also take a full year of math at BHS.