Mehlville School District

Individually Focused. Committed to All.

High School Course Description Guide

2026 - 2027

Updated January, 2026

Mehlville School District
2900 Lemay Ferry Road
St. Louis, MO 63125
314-467-5000

Superintendent
Dr. Jeff Haug

Assistant Superintendent of Secondary Schools
Dr. Jason Landherr

Assistant Superintendent of Academics
Dr. Brian Smith

Mission Statement

The Mehlville School District mission is to build a high-performing school system rooted in the community's desire to build a culture of improvement for staff and students. Mehlville School District believes that all of our graduates should be creative and critical thinkers, self-aware, persistent, communicators, and ethical and global. We call this our Portrait of a Graduate.

Non-Discrimination Notice

The Mehlville School District R-9 Board of Education is committed to maintaining a workplace and educational environment that is free from discrimination and harassment in admission or access to, or treatment or employment in, its programs, services, activities and facilities. In accordance with law, the district strictly prohibits discrimination and harassment against employees, students or others on the basis of race, color, religion, sex, national origin, ancestry, disability, age, genetic information or any other characteristic protected by law. The Mehlville School District R-9 is an equal opportunity employer.

Student Related Inquiries, Including Title IX:

Dr. Brian Smith
Assistant Superintendent of Academics and Title IX Coordinator
Mehlville School District
2900 Lemay Ferry Road
St. Louis, MO 63125
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Students and Parents/Guardians,

The faculty and staff at Mehlville High School and Oakville High School are dedicated to the students in our community. This High School Course Description Guide has been prepared to guide students through a graduation plan which will address their current educational needs and prepare them for post-secondary opportunities. Counselors, teachers, and administrators are knowledgeable and prepared to work with students and parents/guardians in making the best academic decisions possible for our students. This planning guide gives all of us the knowledge of course offerings necessary to make these decisions.

During the registration process, students should work closely with their families, counselors, teachers, and grade level principals in determining what is appropriate for their individual career & academic plan. It is important for all students to understand which courses are available and which courses are required for graduation. As you know, the courses that students initially select become the groundwork for our staffing and the creation of our master schedule. We encourage you to put much thought into this process to ensure that the schedule created for you is most appropriate.

Mehlville High School and Oakville High School are rich with wonderful courses and teachers. Our expectations for all students can be summed up in one sentence: *never give anything less than your very best in everything you do*. Regarding your high school career, that process starts right here with the building of your individual career & academic plan.

Please review this planning guide carefully. Mehlville High School and Oakville High School students will meet with and receive specific instructions and guidance from counselors in plotting out their schedules for next year; however, the ultimate responsibility for deciding which courses best fit your needs in relation to your ability and future goals rests with students and families.

For specific information related to the district high school curriculum, please go to the following:
https://www.mehlvilleschooldistrict.com/departments/curriculum/high-school-curriculum

Sincerely,

The administration and staff of Mehlville High School and Oakville High School

Mehlville High School
3200 Lemay Road
St. Louis, MO 63125

Oakville HIgh School
5557 Milburn Road
St. Louis, MO 63129

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How to Use the High School Course Description Guide

This planning guide contains course descriptions developed by faculty to help the student and their families choose classes to provide an appropriate high school education. Since choosing the right courses may require making difficult decisions, it is suggested that you use the information listed below. We hope this information will be helpful to you in the decision-making process.

- Talk with counselors concerning your abilities, interests, and future goals,
- Check graduation diploma requirements (page 4),
- Read and study this planning guide,
- Talk with each of your present teachers concerning courses for next year,
- Request help from your parents or guardians,
- Read and study the Scheduling Procedures (page 16),
- Talk with your friends about the courses, and
- Utilize your ICAP (Individual Career & Academic Plan).

***Special Note**: Please be aware when selecting courses that high school graduation requirements are not the same as the requirements for college admissions, college athletic agencies, scholarships, or career internships. It is the responsibility of each student to research any of these potential additional requirements in preparation of post-secondary plans. (Examples: Some colleges will not count Journalism II as a fourth English credit. Some colleges require four math credits at the Algebra I level or higher).*

Graduation Requirements - 25 Units of Credit Required for Graduation

More information regarding graduation requirements in the state of Missouri can be found at: https://dese.mo.gov/high-school-graduation-requirements or can be found as part of Mehlville School District Policy IKF

Diploma Requirements	Units of Credit
English Language Arts	4.0
Fine Arts	1.0
Health and Family Education	0.5
Mathematics	3.0
Personal Finance	0.5
Physical Education	1.0
Practical Arts	1.0
Science	3.0
Social Studies	3.0
Total Required Units	**17.0**
Electives (chosen from any area)	**8.0**
Total Graduation Units	**25.0**

Graduating with honors: As part of Board Policy IKC, students who achieve the following will graduate with honors. Honors categories and descriptions can be found below:

Summa Cum Laude – (Gold Honors Cord)

- Minimum GPA of **4.00** and Complete **at least three** college credit-bearing courses (AP/Dual Credit/Dual Enrollment) while in high school

Magna Cum Laude — (Silver Honors Cord)

- Minimum GPA of **3.75** and Complete **at least two** college credit-bearing courses (AP/Dual Credit/Dual Enrollment) while in high school

Cum Laude — (Bronze Honors Cord)

- Minimum GPA of **3.50** and Complete **at least one** college credit-bearing course (AP/Dual Credit/Dual Enrollment) while in high school

Note: All students will complete college and scholarship applications with the following: Rank of 0; Total # in Class of 0. A written letter of class rank will be provided to students or their legal guardian upon written requests to the Central Office (Office of Supervision).

Earning Credit and Grading System
The superintendent or designee is directed to assign credit values for courses offered by or through the school district and to develop formulas and procedures for awarding credit to the transfer student who transfers from a district that uses a different standard for awarding credit. Mehlville School District R-9 recognizes units of credit obtained through accredited schools and school districts, including credits earned through independent study, correspondence courses, or courses delivered primarily through electronic media, such as satellite video, cable video, or computer-driven or online courses. For the purposes of this policy, an "accredited school" is the Missouri Course Access Program (MOCAP); a private agency where students with disabilities are placed by a public school; or any school or school district accredited by the Missouri Department of Elementary and Secondary Education (DESE), the North Central Association of Colleges and Schools (NCA), the Independent Schools Association of the Central States (ISACS), or the University of Missouri Committee on Accredited Schools Non-Public (CAS). If a school or school district is located in another state or country, that school or school district must be accredited by that state's or country's department of education, NCA, ISACS or the equivalent agencies. The student may earn advanced-standing credit by successfully completing high-school level courses prior to entering the ninth grade. Advanced-standing credit may count toward meeting all graduation requirements, including state minimum requirements. The district may waive one unit of academic credit in communication arts, math, science, or social studies, whichever is most appropriate, for the student who successfully completes an eligible three-unit career/technical program. The student may earn credit for a subject that has been embedded into another subject-area course in accordance with guidelines established by DESE. Students may earn credit upon demonstration of mastery of the competencies for a particular course for up to 2.0 high school credits with no more than 1.0 units of credit in any one curricular area. Students interested in earning competency-based credit must submit an application to their grade-level principal. If the student demonstrates mastery as determined by the district committee, the credit will appear on the transcript as the course title, "Pass," and "Competency-Based Credit (CBC)." Applications for competency credit may be obtained in the school's counseling office.

CLEP Exams
The College Level Examination Program (CLEP) is designed by The College Board to evaluate college-level learning, no matter how or where the learning took place. Students meeting a minimum passing score, as published by St. Louis Community College, shall earn the credit as part of attainment of initial credit as well as credit recovery. A "Pass" and "Competency-Based Credit" (CBC) would be entered onto a student's transcript. Students are responsible for the cost of the CLEP examinations. Students interested in taking a CLEP exam for attainment of initial credit or for credit recovery shall meet with their counselor for more information.

The student may earn credit by other means as approved by the Board and in accordance with law.

Grading System
Both Mehlville High School and Oakville High School students are graded in terms of the traditional marks shown below:

A (90-100%), B (89-80%), C (79-70%), D (60-69%), and F (59% and below)

Additional special marks may include I (Incomplete), NC (no credit) and P (Pass)

Diplomas (Child of Active Military, Foster Care or as a Ward of the State)

A student in the household of an active duty member of the military, including some veterans who are deceased or injured as defined by law, who transfers to Mehlville School District R-9 from another state at the beginning of or during his or her senior year who will not meet the graduation requirements of the district by the end of the senior year will receive a diploma from the sending school district if the student is able to meet the graduation requirements of the sending district. Representatives from Mehlville School District R-9 and the sending district will work with the student to facilitate this alternative. If the sending district refuses to cooperate, Mehlville School District will use best efforts to allow the student to graduate by the end of the senior year.

Foster care students will be awarded a diploma in accordance with law and Board policy.

The student who completes the district's graduation requirements while under the jurisdiction of the juvenile court will be awarded a high school diploma, even if the student completes the requirements in a different school district.

Personalized Programs

Mehlville FLEX - MHS only
Mehlville FLEX is a personalized learning program for students seeking a unique, student-centered experience at Mehlville High School. FLEX is a competency-based program that allows students to demonstrate their learning in multiple ways within a flexible schedule. In FLEX, students learn the same content as traditional courses, in non-traditional ways, in a flexible environment through connections between courses and collaborative projects.

FLEX students are in a mix of traditional, non-FLEX courses, along with FLEX courses that are taught in collaboration with one another, through shared projects offering students the opportunity to get additional graduation credits by earning 4 credits in 3 classes for FLEX9 and 3 credits in 2 classes for FLEX10.

FLEX 9
Freshmen can gain additional credits within this program creating opportunities for students to maximize their options in high school to participate in programs such as My Path, Project Lead the Way, CAPS, Early College, other CTE programs and electives. Course offerings may vary based on staffing and natural connections within content areas. Students who successfully complete the program will earn five credits within four blocks while still utilizing the TAP Program for academic support in all classes.

Current FLEX 9 offerings:
- US History*
- English I*
- Algebra I/Geometry*/Geometry in Construction

- Engineering Essentials

**Honors level can be achieved in the course.*

Sample schedule for Freshmen enrolled in FLEX 9:

A Day	B Day
1 FLEX **2 FLEX** **3 Band or other elective** **4 Science**	**5 FLEX** **6 FLEX Panther Prep** **7 World Language or other elective** **8 PE/Health**

FLEX 10 World Studies

FLEX 10 is open to all MHS Sophomore students, including those who participated in FLEX 9 and those who will be brand new to the program. FLEX 10 will continue to utilize a flexible bell schedule and offer personalized learning opportunities that highlight the connections between courses in the program. The flexibility of the program will allow all students to prepare for participation in programs such as MyPath, Project Lead the Way, other CTE programs and electives.

Current FLEX 10 offerings:

- World History*
- English II*^
- Probability & Statistics

**Honors level can be achieved in the course*

^Potential for additional ELA credits due to embedded competency credit

Sample schedule for Sophomores enrolled in FLEX 10:

A Day	B Day
1 FLEX **2 FLEX** **3 Band or other elective** **4 PLTW Course or other elective**	**5 FLEX** **6 FLEX Panther Prep** **7 Science** **8 AP Course or other elective**

Seal of Biliteracy

The Missouri Seal of Biliteracy (SoBL) and Distinguished Missouri Seal of Biliteracy is awarded to graduating high school students in districts with a DESE-approved program, who have demonstrated achievement in English, a Language Other Than English (LOTE) and sociocultural competence. All Missouri students studying any of the world's languages are potential Seal candidates. Students wishing to earn the Seal of Biliteracy must submit an application – applications may be obtained in the school's counseling office. Additional information may be found at the following site:
https://dese.mo.gov/college-career-readiness/curriculum/missouri-seal-biliteracy

Guidelines and Procedures for Students with Disabilities

Each LEA must provide a free appropriate public education for students with disabilities until they graduate with a regular diploma or attain the age of 21 years.

According to IDEA, local school boards must establish policies and guidelines that ensure students with disabilities have the opportunity to earn credits toward graduation in a nondiscriminatory manner within the spirit and intent of that requirement. Provisions include the following:

- Any specific graduation requirement may be waived for a student with disabilities if recommended by the student's

IEP Committee.

- Students with disabilities will receive grades and have credit transcripted in the same manner as all other students when they complete the same courses as other students.
- Students with disabilities who complete regular courses that are modified as indicated in their IEPs will receive grades and have credit transcripted in the same manner as students who complete the courses without modification.
- Students with disabilities who meet the goals and objectives of their IEPs, as measured by the evaluation procedures and criteria specified in the IEPs, will have credit transcripted in accordance with the state definition of units of credit.
- Students with disabilities who meet state and local graduation credit requirements by taking and passing regular courses, taking and passing regular courses with modification, taking and passing modified classes, or successfully achieving IEP goals and objectives shall be graduated and receive regular high school diplomas.
- Students with disabilities who reach 21 years old or otherwise terminate their education and who have met the LEA's attendance requirements but who have not completed the requirements for graduation receive a certificate of attendance.
- More information on graduation requirements as outlined by the state of Missouri can be found at: **https://dese.mo.gov/media/pdf/graduation-requirements**

Student Support

Grading Procedures

Grades are an important part of a student's academic progress. The following information is intended to be helpful to students and their families in understanding the student's development:

A (90 -100)	=	Outstanding Achievement
B (80 - 89)	=	Above Average Achievement
C (70 – 79)	=	Average Achievement
D (60 – 69)	=	Below Average Achievement
F (0 – 59)	=	Unsatisfactory Achievement

These marks are based upon achievement and effort as indicated by student learning data. Please use the Parent Portal to check on your child's progress. If you would like to discuss a grade, you may contact the teacher by email or phone; contact information is located on our Web site. You may also contact the office at either high school or your child's counselor to get more information.

Weighted Grades

The Mehlville School District gives weighted grades for both Advanced Placement and Dual Credit courses. The student in Advanced Placement or Dual Credit courses may receive a 1.0 increase for all A's, B's, and C's (A=5, B=4, C=3, D=2). The student receives a 1.0 increase for all A's, B's, and C's in Advanced Placement or Dual Credit courses deemed to have met additional highly rigorous criteria by the Weighted Grades Committee (A=5.0, B=4.0, C=3.0, D=1.0). Please refer to the course description in this guide for weighted courses.

For the transfer student, based on the student's transcript from another school district(s), any AP or Dual Credit courses offered by Mehlville School District will be given weighted grades. Courses are under review by district professionals and weight may be adjusted based on rigor. Check the online version of this guide for current information.

Transitioning From High School into a Successful Future (Counseling and Assessment)

Support from School Counseling

The Counseling Department encourages the student and their families to become better acquainted with each student's counselor. Families should feel free to contact the assigned counselor at any time with a question concerning their child's progress in school or any other matter related to their child's educational or vocational plans. Counselors can be reached by calling the Counseling Office secretary at MHS (extension 6108), or OHS (extension 7108). They will be available to handle homework requests for extended absences. To request homework, please call by 8:00 a.m. on the third consecutive day a student is absent. With block scheduling, this means each class has only been missed once (one A day and one B day).

If families or the student need any information concerning records or transcripts, they should contact the Registrar at MHS (extension 6107) or OHS (extension 7107). Pursuant to the Family Educational Right and Privacy Act of 1974, permission from families of a student under 18 is necessary to release any information regarding a student to any colleges, agencies, institutions or individuals. If over 18, permission of the student is required.

The MHS and OHS Web sites (accessed through ***mehlvilleschooldistrict.com***) give the students, families, teachers and community members up-to-date information regarding college and career readiness.

The purpose of the School Counseling Program is to help the student obtain information, make wise choices, solve problems and develop short and long-term goals. A student can make an appointment with a counselor at any time.

Assessment Program
The testing program is an attempt to provide the objective data to be used in understanding the student's needs and abilities. The assessments that will be given routinely are listed below. Other assessments may be given when necessary.

End of Course (EOC) – Required Missouri Assessment Program Testing - The Missouri Assessment Program assesses the student's progress toward the Missouri Learning Standards. End-of-Course assessments are taken when a student has received instruction on the Missouri Learning Standards for a course, regardless of grade level.tech

Each student in Missouri, including the Missouri Options Program student, is required to take Algebra I, Biology, English II and Government assessments prior to graduating from high school. For the student who completes the Algebra I EOC assessment prior to high school, Algebra II is the required high school mathematics assessment for accountability purposes.

ACT (American College Test) - The ACT is a nationally standardized assessment that measures what students learn in high school to determine their academic readiness for college. The district may offer this assessment to students in the spring semester of their junior year. ***The student may opt to take additional ACT tests at their own expense.*** The test is offered several times per year and takes approximately three hours and 30 minutes to complete. To register, or for more information, go to act.org.

Advanced Placement (AP) Exams - The student can earn college credit, advanced placement, or both by earning qualifying scores on AP exams. The student may take an AP Exam without taking an AP course. All students choosing to take AP exams are required to pay the cost for each exam in advance.

PSAT-NMSQT - The PSAT/NMSQT is an optional test for the grade 10 or grade 11 student who wishes to assess their ability to do college work. The test measures critical reading, math reasoning and writing skills that are important for successful academic performance in college. In order to be eligible for the National Merit Scholarship Program, the student must be in the third year of high school and have taken the PSAT test on one of the national test dates.

Technical Skill Attainment (TSA) Assessment - The student who has completed a minimum of three credits in one Career and Technical Education (CTE) program such as Business, Marketing, or Family and Consumer Science is known as a CTE concentrator. The student is given the Technical Skill Attainment (TSA) assessment which aligns with industry-recognized standards.

ACT WorkKeys - WorkKeys is a system of assessments that measure essential workplace skills that can affect job performance and increase opportunities for career changes and advancement. The ACT WorkKeys is intended as a test to provide information to future employers to show the skills and competencies that the student possesses.

ASVAB - The Armed Services Vocational Aptitude Battery **(ASVAB)** is a multiple choice test, administered by the United States Military Entrance Processing Command, used to determine qualification for enlistment in the United States Armed Forces.

ACCUPLACER - The Accuplacer helps colleges and workforce training providers determine a student's readiness for coursework and identify areas for additional support. The ACCUPLACER is intended as a required test for acceptance into a community college system.

Choice Programs: Early College Opportunities - *On Campus*

Advanced Placement (AP) Program

AP courses are college-level courses taken as a part of the high school programs in the Mehlville School District. AP courses offer the advanced student an opportunity to take courses with more challenging college-level content. There are AP courses offered in English, Math, Music, Science, Social Studies, Visual Arts and World Languages. The student who completes AP courses is prepared to take the AP exams, administered each May by the College Board. These exams are scored on a scale of 1 to 5. The student scoring between a 3 and a 5 may qualify for college credit at most colleges and universities. The College Board charges a fee to take an AP exam. In some cases, scholarships are available. For more information on taking an AP course or taking an AP exam, please contact a school counselor, an AP course teacher, or the AP coordinator at either high school. You may also go to https://ap.collegeboard.org/ for additional information.

Dual Credit Courses

Dual Credit Courses enable the high school student to receive both high school and college level credit simultaneously. The student wishing to earn college credit in addition to the high school credit must meet the below requirements and is responsible for paying reduced rate tuition to the university. Cost per credit hour and enrollment/payment deadlines vary by institution, so the student must pay attention to these. It is also the responsibility of each student to investigate how many and which transfer credits will be accepted at potential post-secondary universities. More details are available in the counseling office.

The high schools and cooperating universities abide by the Dual Credit guidelines and eligibility requirements which are determined by the Missouri Coordinating Board for Higher Education.

Dual Credit Eligibility Requirements:

- The student must have permission to participate from a designated school official (principal, counselor, or dual credit coordinator).
- The junior and senior student is automatically eligible if they have a minimum cumulative unweighted GPA of 3.0 on a 4.0 scale.
- The junior and senior student with a cumulative unweighted GPA of 2.50-2.99 on a 4.0 scale must provide a signed letter of recommendation from the content area teacher stating that the student will be able to handle the course rigor. Written permission from the student's parent/guardian is also required.
- The sophomore student must have a minimum cumulative unweighted GPA of 3.0 on a 4.0 scale and must provide a signed letter of recommendation from the content area teacher stating that the student will be able to handle the course rigor. Written permission from the student's parent/guardian is also required.
- The freshmen student must have a minimum cumulative unweighted GPA of 3.0 on a 4.0 scale, score at the 90th percentile or above on the ACT or SAT, and must provide a signed letter of recommendation from the content area teacher stating that the student will be able to handle the course rigor. Written permission from the student's parent/guardian is also required.

The following list indicates courses in which the student can earn dual credit through various universities while enrolled in high school classes: (note - class offerings are subject to teacher credentials, please verify with class teachers)

Course Name	Offered at MHS	Offered at OHS	University
Anatomy and Physiology	Yes		Lindenwood University
AP Biology	Yes	Yes	UMSL
AP Calculus	Yes		Missouri Baptist University, Saint Louis University, UMSL
AP Calculus		Yes	Missouri Baptist University, Saint Louis University, UMSL
AP Chemistry		Yes	UMSL
AP English Language and Composition		Yes	UMSL
AP European History	Yes	Yes	UMSL
AP French Language and Culture	Yes		Saint Louis University

AP Macroeconomics		Yes	Missouri Baptist University
AP Microeconomics		Yes	Missouri Baptist University
AP Physics I		Yes	UMSL
AP Psychology	Yes	Yes	Missouri Baptist University ACHIEVE Program
AP Spanish Language and Culture	Yes		Saint Louis University
AP Spanish Language and Culture		Yes	UMSL
AP Statistics	Yes		Missouri Baptist University ACHIEVE Program
AP US Government and Politics	Yes		Missouri Baptist University ACHIEVE Program
AP US Government and Politics		Yes	UMSL
AP United States History	Yes	Yes	Missouri Baptist University, Saint Louis University, UMSL
AP World History: Modern	Yes		Missouri Baptist University, Saint Louis University
AP World History: Modern		Yes	UMSL
Business Law	Yes		UMSL
College Algebra	Yes		Missouri Baptist University, UMSL
College Algebra		Yes	Missouri Baptist University
College General Chemistry I	Yes		Missouri Baptist University
College General Chemistry II	Yes		Missouri Baptist University
Contemporary American Policy	Yes		Saint Louis University, UMSL
English IV: Competitive Forensics/Public Speaking and Debate		Yes	UMSL
English IV: Shakespeare's Plays	Yes	Yes	UMSL
Financial Planning	Yes	Yes	UMSL
French III, IV	Yes		Saint Louis University
French III, IV		Yes	UMSL
Honors English III: College Literature and Composition	Yes		Saint Louis University, UMSL
Honors English IV: Advanced College Literature and Composition	Yes		Saint Louis University, UMSL
Marketing II	Yes		Missouri State University
Medical Interventions		Yes	STLCC
Pre-Calculus	Yes	Yes	Missouri Baptist University
Spanish III, IV	Yes		Saint Louis University
Spanish III, IV	Yes	Yes	UMSL

Project Lead The Way (PLTW) Courses
College credit for PLTW courses may be obtained from Missouri S & T. The student wishing to earn college credit is responsible for paying reduced-rate fees to the college. Please see a school counselor or PLTW instructor for more details. Additional information may be obtained from the PLTW MST Undergraduate Credit website.

Choice Programs: Early College Opportunities - *Off Campus*

Access Point
Access Point is an accelerated Information Technology (IT) program that will offer students an opportunity to receive college credit leading to a paid apprenticeship after graduation. This program develops each participant's existing coding experience to a junior software engineer level. Access Point is available for seniors during the second semester. Interested students will apply during the fall semester of their senior year. More information about Access Point can be found at https://stlcc.edu/programs-academics/access-point.aspx.

Articulated Courses
An articulation agreement between the District and St. Louis Community College was designed to support a smooth transition from high school to career and technical education programs at the college. The student who meets the following conditions

and successfully completes articulated courses has the opportunity to earn up to 12 college credit hours:

- Achieve junior or senior status at the high school. Course work taken during the freshman or sophomore year can be eligible if part of a sequence.
- Earn a grade of 80% or higher in articulated courses taken at MHS or OHS.
- Complete six credit hours of college-level coursework towards an Associate degree or certified program at St. Louis Community College with a GPA of 2.0 or higher.

The courses below have Articulation Agreements with St. Louis Community College:

High School Course	St. Louis Community College Course	Credit Hours
Child Development I & II	ECE: 125 Child Growth & Development	3
Foods I	CUL: 101 Safety & Sanitation (Food Safe Certificate Required)	1
Foods II	CUL: 105 Food Preparation Theory (credit by exam)	3
Foods III	CUL: 110 Food Preparation Practical I (credit by exam)	3

Dual Enrollment Programs

Dual Enrollment Courses enable high school students to earn college credit while in high school. The student may choose to enroll in an accredited college and pay the college to take a chosen course. Students may take the college courses online or on the college campus. Students must meet with a school counselor to fill out the appropriate paperwork and verify they meet the college requirements by the deadlines given from the Counseling Office. Students can opt to transfer their college credits back to the high school for high school credit. It is the student's responsibility to meet with the high school registrar to verify transfer credits. College courses of 3 credit hours will be awarded 0.5 high school credit and any college courses of 4 credit hours or above will be awarded 1.0 high school credit.

St. Louis Community College Dual Enrollment Requirements:

- Students must complete the required STLCC Dual Enrollment Application and Dual Authorization Form.
- Students must be able to demonstrate college-level work by meeting established "cut scores" for college level English, reading and math placements and have an overall GPA of 2.0 on a 4.0 scale.
- Students under the age of 16 may be accepted by STLCC after fulfilling previous requirements, completing the Admission for Under-age Student Acknowledgement Form, and meeting with the Campus Vice President of Student Affairs or the Campus Enrollment Services Manager at STLCC.

Make It Count

Make It Count is a dual enrollment program for second-semester high school seniors who have completed their high school graduation requirements. During the Make It Count semester, a student will enroll in a full semester of college classes at Saint Louis Community College instead of taking classes at their high school. More information on the Make It Count program can be found at https://stlcc.edu/admissions/college-credit-in-high-school/makeitcount.aspx.

MSDR9 Early College Academy (ECA)

The MSDR9 Early College Academy (ECA) is an application-based, early-entrance-to-college program located on a STLCC campus. The student attends the MSDR9-ECA for two years, which replaces their junior and senior years of traditional high school. While in the ECA, the student is enrolled in a curriculum consisting of all college coursework taught by professors at STLCC. Upon successful completion, the student earns up to an Associate of Arts in General Transfer Studies as well as a high school diploma. College courses of 3 credit hours will be awarded .5 high school credit and any college courses of 4 credit hours or above will be awarded 1.0 high school credit. The student must meet with a school counselor to verify he or she meets the program requirements. The student must then complete the program application and submit paperwork by the given deadlines in order to be considered for one of the ECA limited spots. More information on the Early College Academy program can be found at https://stlcc.edu/admissions/college-credit-in-high-school/early-college.aspx.

South Tech High School

South Technical High School, operated by the Special School District of St. Louis County (SSD), offers career and technical education (CTE) programs to prepare students for college and careers. Program offerings include:

Auto Collision Repair, Automotive Technology, Carpentry, CISCO Network Academy, Construction Innovations, Construction Trades, Cosmetology, Culinary Arts, Dental Services, Design and Entrepreneurship, Early Childhood Education, Electrical Trades, Electronics & Robotics, Firefighting & EMT, Floor Layers Middle Apprenticeship, Graphic Design, Health Sciences, HVAC, Law Enforcement, Pharmacy Sciences, Precision Machining, Veterinary Assistant, Web and Computer Programming, and Welding

Choice Programs: *Alternative Opportunities*

Missouri Option Program
The Missouri Option Program targets the student who has the capability to complete Missouri high school graduation requirements, but lacks the credits needed to graduate with their class and is at risk of leaving school without a high school diploma. The program specifically targets the student who is 17 or older and who is at least one year behind their cohort group. The student can earn a Mehlville School District diploma by completing specific program requirements and passing the Missouri Option exam. An entrance test is required for this program and should be scheduled with the grade-level counselor.

Credit Recovery
Credit may be earned toward high school graduation by the student who has previously failed course(s).
Maximum credit possible: 2.0 credits per semester.

Out-of-District Instruction/Correspondence and Virtual Courses
For the purposes of this policy, an "accredited school" is the Missouri Course Access Program (MOCAP); a private agency where the student with disabilities is placed by a public school, or any school or school district accredited by the Missouri Department of Elementary and Secondary Education (DESE), the North Central Association of Colleges and Schools (NCA), the Independent Schools Association of the Central States (ISACS), or the University of Missouri Committee on Accredited Schools Non-Public (CAS). If a school or school district is located in another state or country, that school or school district must be accredited by that state's or country's department of education, NCA, ISACS or the equivalent agencies.

Personalized Learning Lab (PLL)
The Personalized Learning Lab is designed to meet the needs of the student who likes to learn at their own pace, use technology, and work in small groups. The program, available to eligible Mehlville School District high school students, focuses primarily on the student's core subjects like Math, Science, Social Studies, and English. In some cases, a few elective courses will be offered. The PLL provides Mehlville School District students with a fresh, modern alternative to high school. Outfitted with computers, the student accomplishes courses via computer software, small group instruction, and one-on-one attention. The software utilized provides for high quality, rigorous individual instruction. PLL teachers are able to accomplish an in-depth, differentiated focus.

School Flex
Students in grades 11 and 12, who have been identified by their high school principal, parents, or guardian, as potentially benefiting from an alternative delivery system in order to pursue timely graduation. Designated school personnel work with each student to develop/update a student's Individual Career and Academic Plan (ICAP). Students must provide evidence of college or technical career education enrollment and attendance; or proof of employment and labor that is aligned with the student's career academic plan, which has been developed by the school district.

South County Opportunity for the Purpose of Education (SCOPE)
Credit may be earned through completion of course work for the student who has been suspended from their home school.
Maximum credit possible: 3.5 credits per semester.

Summer School
A summer school program is offered at one of our two high schools annually. The program is run in 2 sessions, each of which lasts 2 weeks for 3 hours per day. Students may take either an AM or PM session or they may also take both sessions for either Session 1 or Session 2 (or both sessions). The program is offered at no cost to resident students. Incoming 9th grade students are eligible to take summer school courses for high school credit. Registration information will be made available

annually in February/March.

Virtual Program
The Virtual Program is designed to suit the needs of several types of students in the Mehlville School District attendance area. The Virtual Program student primarily works from home to complete our high quality, rigorous curriculum. These students typically prefer an alternative approach to education while working more efficiently at their own pace. The Virtual Program student is also provided with opportunities to work with instructors for a weekly prescribed amount of one-on-one assistance. The Virtual Program is not a credit recovery program, nor is it designed for the student looking to get ahead while simultaneously attending the traditional high school. The interested student must currently be in good discipline standing and must demonstrate a high level of motivation and self-discipline.

A+ Schools Program - Earn Financial Incentives for College

The A+ Schools designation allows ALL secondary students the opportunity to earn financial incentives* to any Missouri community college, public vocational/technical school or select 4-year universities in Missouri. For more information , please visit the Missouri Department of Higher Education website to learn more about the A+ Schools program.

The Goals of the A+ Schools Program Are:
- Ensure each student graduates from high school
- Ensure each student completes a selection of high school studies that is challenging and has identified measurable learner outcomes
- Ensure each student will proceed from high school graduation to a four-year college, community college, post-secondary vocational or technical school, or a high wage job with the skills necessary to succeed

The Student Benefits of A+ Schools Program Are:
- Financial incentives to attend any Missouri public community college or vocational-technical school
- Opportunities to learn about jobs and careers through business partnerships
- Career pathways, which link courses of study to careers and enable students to learn more about the career of their choice
- College credits while still in high school through articulated coursework
- Encouragement to attend school regularly, maintain good grades and be a good citizen
- Scholarships offered by a growing number of 4-year universities in Missouri to A+ certified students

The Student Requirements of A+ Schools Program Are:
- Sign an A+ Student Agreement
- Must have attended a designated A+ School high school for three consecutive years immediately prior to graduation
- Graduate from an A+ School with a cumulative grade point average of 2.5 or above on a 4.0 scale
- Score advanced or proficient on the Missouri Algebra I End of Course (EOC) test. A student who scores below proficient on the Algebra I EOC must meet the combined ACT Math/High School GPA score from the scale below:

ACT Math Score	and	High School GPA
17	**and**	2.5 or greater
16	**and**	2.8 or greater
15	**and**	3.0 or greater

- Graduate from an A+ School with a cumulative attendance record of 95% or better.
- Perform 50 hours of unpaid academic tutoring on a Mehlville district campus, supervised by a district faculty member, of which up to 25% may include job shadowing.
- Maintain a record of good citizenship and avoidance of unlawful use of drugs and alcohol.
- Secure all available federal post-secondary student financial assistance funds that do not require repayment. (Evidence of completion of **Free Application for Federal Student Aid** must be turned into the A+ Coordinator prior to May 15 of graduating year). Families may apply online at www.fafsa.ed.gov.
- If male, provide evidence of registering with the Selective Service by age 18. A student may register online at www.gov.com.

*The A+ Schools program may provide these financial incentives but are subject to yearly state funding approval.

College Entrance and classifications of post-secondary institutions

Students interested in attending college should follow college entrance requirements and course recommendations as much as possible. Graduation from high school does not ensure that a student has completed all courses necessary for college entrance. Each college has its own requirements. Counselors are available to help you plan your program and achieve your goals.

Typical College Admissions Patterns

Highly Selective: Ivy League Schools (both private and public), Washington University
- Recommended: 4 years of English, 4 years of Math, 4 years of Science, 4 years of Social Studies, 3-4 years of World Language

Selective: Truman State, St. Louis University
- Recommended: 4 years of English, 4 years of Math, 3-4 years of Science, 3-4 years of Social Studies, 2-3 years of World Language

Traditional: University of Missouri school system (UMSL, UMKC, etc.), Lindenwood University
- Recommended: 4 years of English, 3 years of Math, 3-4 years of Science, 3 years of Social Studies, 2 years of World Language

Community College or Technical School: (STLCC, Ranken)
- Recommended: 4 years of English, 3 years of Math, 3 years of Science, 3 years of Social Studies

Core 42

Missouri Senate Bill 997 ensures that all general education courses are fully transferable to all public colleges and universities in Missouri. This statewide framework is called Core 42. CORE 42 provides a special reassurance that each course taken at St. Louis Community College that qualifies as part of the CORE 42 program will transfer as the same course to any public university or college in the state of Missouri. More information on the CORE 42 program can be found at the Missouri Department of Higher Education and Workforce website.

Career Clusters

A career cluster is an area of interest that helps the student identify a career focus, and provides the student with a context for studying both traditional academic and learning skills specific to a career.

What steps are involved in making a career decision?
- Identify your interests, abilities, and talents.
- Consider the possible careers in each cluster in relationship to those interests, abilities, and talents.
- Decide which career cluster seems to fit best.
- Select courses that are related to the career chosen.
- Follow your Individual Career & Academic Plan (ICAP).

Career choices begin in high school and lead to entry-level work force, military, two-year associate degrees, and/or four-year baccalaureate degrees.

Career interest inventories help the student identify their career interests and make wise career choices. Those are available through the SCOIR & Missouri Connections Websites.

Career Clusters are as follows:

Agriculture, Food and Natural Resources
Producing, processing, marketing, distributing, financing and developing agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture and other plant and animal products.

Architecture and Construction
Designing, planning, managing, building and maintaining the built environment.

Arts, Audio-Visual Technology and Communications
Designing, producing, exhibiting, performing, writing and publishing multimedia content, including visual and performing arts and design, journalism and entertainment services

Business, Management and Administration
Planning, organizing, directing and evaluating business functions essential to efficient and productive business operations

Education and Training
Planning, managing and providing education and training services, and related learning support services

Finance
Planning and providing services for financial and investment planning, banking, insurance and business financial management

Government and Public Administration
Executing governmental functions including governance, national security foreign service, planning, revenue and taxation, regulation and management and administration at the local, state and federal levels

Health Science
Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services and biotechnology research and development.

Hospitality and Tourism
Managing, marketing and operating restaurants and other food services, lodgings, attractions, recreation events and travel related services.

Human Services
Preparing individuals for employment in career pathways that relate to families and human needs

Information Technology
Designing, developing, supporting and managing: hardware, software, multimedia and system integration services

Law, Public Safety, Corrections and Security
Planning, managing and providing legal, public safety, protective and homeland security services, including professional and technical support services

Manufacturing
Planning, managing and performing the processing of materials into intermediate or final products, including related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering

Marketing, Sales and Service
Planning, managing and performing marketing activities to reach organizational objectives

Science, Technology, Engineering and Mathematics (STEM)
Planning, managing and providing scientific research and professional and technical services (such as physical science, social science, engineering), including laboratory and testing services and research and development services

Transportation, Distribution and Logistics
Planning, managing and moving people, materials and goods by road, pipeline, air, rail and water, including related

professional and technical support services such as: transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance

Technical School Makes Your Future a Reality

Off-campus electives at South Tech High School allow you to…

- Get a jumpstart on college! Earn valuable college credits.
- Create connections that last a lifetime! Mentor side by side with caring, engaging and expert instructors.
- Experience the best of both worlds! Participate in your home high school activities while learning skills for a lifetime
- Build a road map to success! Develop a customized education and career plan, together with an advisor, based on your unique interests and talents
- Learn TUITION-FREE! Take advantage of public funded career education in high school compared to paying thousands after graduation.

See your counselor for questions, applications, or a copy of the CTE Course Guide; for more information, go to www.southtechhigh.org.

Individual Career and Academic Plan

Each student meets with their counselors to begin their Individual Career and Academic Plan (ICAP).. The plan is flexible and should be updated each year as interests and plans change.

- Consider the sample plans for the career major(s) of interest.
- Consider the following: Graduation Requirements, Postsecondary Admissions Requirements, NCAA Eligibility Requirements, and Scholarship Requirements.

Scheduling Procedures

Scheduling Information

The student will select classes for the following year, so considerable thought should be given to course selections. Seeking assistance from families, current teachers and school counselors will help the student determine which courses best align to future educational and/or occupational goals. The student can indicate the levels and courses desired within the curricular areas required for graduation (e.g. Honors, name of math courses, name of P.E. course, etc.) The student should refer to their ICAPs. After course selections are made, schedules will be developed to meet the requests of as many students as possible. Courses listed in this guide may be unavailable due to lack of student interest and/or staff changes.

Schedule Changes and the Withdrawal Policy

Because of the extensive preparation the faculty and administration make to provide the curriculum offerings listed in this planning guide, students are expected to maintain their course schedules for the entire school year.

Schedule changes are only permitted for one of the following four reasons:

- The class is either above or below the student's comprehension level as agreed to by the teacher, counselor, parent and student.
- The student had the teacher in a previous class and failed.
- The student had the teacher previously and there is a documented behavior conflict.
- The student is a senior and needs a schedule change to meet graduation requirements.

Course Information Summary (courses highlighted may be grade weighted)

Advanced Studies

Course Name	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Advanced Placement Capstone: Seminar	24	H9967W	Yes		11,12	1
Introduction to Leadership	24	H1374	No		10-12	1/2
Leadership	24	H1375	Yes		11,12	1
MyPath	24	H9971	Yes		11,12	½ or 1
Assessment						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
ACT Prep (Pass/Fail only)	24	H9973	No	994025	9,10,11,12	1/2
Business & Marketing						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Accounting I	26	H5050	No	034310	10,11,12	1
Accounting II	26	H5060	Yes	034312	11,12	1
AMPED Business Processes	26	H5311	Yes	034305	9,10,11,12	1
Business Communications	26	H5012	No	034320	9,10,11,12	1/2
Business Law	27	H5090W	No	034321	11,12	1/2
Business Management	27	H5020	No	034301	10,11,12	1/2
Cadet Teaching-Business	27	H5390	Yes	999915	12	1/2
Employment Internship	27	H5350	Yes	040080	11,12	½ or 1
Entrepreneurship I	28	H5105	No	040011	10,11,12	1/2
Entrepreneurship II	28	H5110	Yes	040011	10,11,12	1/2
Explorations in Business and Marketing	28	H5005	No	034300	9,10,11,12	1/2
Financial Planning	28	H5405W	Yes	034303	11,12	1/2
Independent Study in Business and Marketing	28	H5360	Yes		11,12	½ or 1
International Business	29	H5100	No	034300	10,11,12	1/2
Marketing I	29	H5325	No	040001	10,11,12	1
Marketing II	29	H5330W	Yes	040002	11,12	1
Microsoft Technology I	29	H5070	No	034356	10,11,12	1/2
Microsoft Technology II	29	H5200	Yes	034330	10,11,12	1/2
Network Administration I	30	H5341	Yes	034354	9,10,11,12	1/2
Network Administration II	30	H5342	Yes	034354	10,11,12	½ or 1
Personal Finance	30	H5400	No	996400	10,11,12	1/2
Social Media Advertising	30	H5305	No	040001	11,12	1/2
Sports and Entertainment Marketing	31	H5300	No	040014	10,11,12	1/2
Supervised Office Experience (SOE)	31	H5100	Yes	992000	12	0
Web Design I	31	H5080	No	034393	10,11,12	1/2
Web Design II	31	H5085	Yes	034393	10,11,12	1/2
English Language Arts						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Advanced Placement English Language and Composition	33	H0105W	Yes	054895	11,12	1
Advanced Placement English Literature and Composition	33	H0110W	Yes	054995	11,12	1
Bosnian American Studies (OHS only)	33	H1018	Yes	054864	11,12	1/2
Broadcast Journalism	33	H0325	Yes	054810	11,12	1
Cadet Teaching-English Language Arts	34	H0480	Yes	999915	12	1
College Preparatory Literature	34	H0111	Yes	054800	12	1/2
College Preparatory Writing	34	H0112	Yes	054800	12	1/2

Debate	34	H0210	Yes	056510	9,10,11,12	1/2
Digital Storytelling	34	H0375	Yes	054899	11,12	1/2
English I: American Literature and Composition	34	H0010	No	054821	9	1
English I: Concepts (MHS only)	35	H0013	Yes	054802	9	1
English II: World Literature and Composition	35	H0040	Yes	054828	10	1
English III: English Literature and Composition	35	H0070	Yes	054800	11	1
English IV: Competitive Forensics (OHS only)	35	H0125W	Yes	054899	11,12	1
English IV: Creative Writing	35	H0330	Yes	054899	11,12	1/2
English IV: Film Analysis and Composition	36	H0420	Yes	054899	11,12	1/2
English IV: Journalism II	36	H0320	Yes	054810	11,12	1/2
English IV: Media Literacy and Composition	36	H0410	Yes	054809	11,12	1/2
English IV: Mythology and Legends	36	H0430	Yes	054850	11,12	1/2
English IV: Shakespeare's Plays	36	H0450W	Yes	054845	11,12	1/2
Honors English I: American Literature and Composition	37	H0020	Yes	054800	9	1
Honors English II: World Literature and Composition	37	H0050	Yes	054828	10	1
Honors English III: College Literature and Composition (MHS only)	37	H0081W	Yes	054804	11	1
Honors English IV: Advanced College Literature and Composition (MHS only)	37	H0101W	Yes	054804	12	1
Independent Study - English Language Arts	37	H0470	Yes	054899	12	1/2
Journalism I: News Writing and Reporting	38	H0310	Yes	054810	10,11,12	1/2
Public Speaking	38	H0200	No	056501	9,10,11,12	1/2
Yearbook Workshop	38	H0300	Yes	054830	10,11,12	1
English Language Development						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
English Language Development Foundations	39	H9013	Yes	054865	9,10,11,12	1
English Language Development I	39	H9014	Yes	054865	9,10,11,12	1
English Language Development II	39	H9015	Yes	054865	9,10,11,12	1
English Language Development III	40	H9020	Yes	054865	9,10,11,12	1
Family and Consumer Sciences (FACS) and Human Services Education (Career Education)						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Baking and Pastry	42	H4513	Yes	096829	10,11,12	1/2
Cadet Teaching – Family and Consumer Science	42	H4640	Yes	999915	12	1/2
Child Development I	42	H4620	No	096821	10,11,12	1/2
Child Development II	42	H4630	Yes	096826	11,12	1/2
Culinary Arts I	43	H4521	No	096815	9,10,11,12	1
Culinary Arts II	43	H4522	Yes	096816	10,11,12	1
Fashion Construction I	43	H4530	No	096906	9,10,11,12	1/2
Fashion Construction II	43	H4540	Yes	096846	9,10,11,12	1/2
Fashion Construction Studio	43	H4550	Yes	096907	10,11,12	1/2
Fashion Merchandising	44	H4555	No	096909	9,10,11,12	1/2
Foods I	44	H4500	No	096829	9,10,11,12	1/2
Foods II	44	H4510	Yes	096829	9,10,11,12	1/2
Human Relations	44	H4610	No	096828	11,12	1/2
Independent Study - Family and Consumer Sciences	44	H4645	Yes		11,12	1/2
Interior Design	45	H4600	No	096906	9,10,11,12	1/2
International Foods	45	H4520	Yes	096901	10,11,12	1/2
Mathematics						

Algebra Courses:	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Pre-Algebra	46	H2000	No	115815	9,10,11,12	1
Algebra I	46	H2100	No	115810	9,10,11,12	1
Algebra IA (in conjunction with Algebra IB)	47	H2090	No	115810	9,10,11,12	1
Algebra IB	47	H2095	No	115810	9,10,11,12	1
AMPED Algebra I	47	H2801	Yes	115810	9,10,11,12	1
Algebra II	47	H2295	Yes	115810	10,11,12	1
Honors Algebra II	47	H2315	Yes	115810	10,11,12	1
College Algebra	48	H2400W	Yes	115810	11,12	1
Geometry	48	H2195	Yes	115830	9,10,11,12	1
Geometry in Construction – Geometry	48	H2230	Yes	115830	9,10,11,12	1
Honors Geometry	48	H2220	Yes	115830	9,10,11,12	1
Advanced Placement Calculus	49	H2411W	Yes	115895	11,12	1
Advanced Placement Statistics	49	H2365W	Yes	115795	10,11,12	1
Cadet Teaching – Mathematics	49	H2420	Yes	999915	12	1
College Prep Mathematics	49	H2382	Yes	115899	11,12	1
Pre-Calculus	50	H2405W	Yes	115866	11,12	1
Probability and Statistics	50	H2350	Yes	115875	11,12	1
Music						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Advanced Placement Music Theory	52	H7208W	Yes	126995	10,11,12	1
Beginning Band	52	H7300	No	125510	9,10,11,12	1
Cadet Teaching – Music	52	H7132	Yes	999915	12	1
Chamber/Madrigal Choir	52	H7250	Yes	126960	9,10,11,12	1
Concert Band	52	H7310	Yes	125510	9,10,11,12	1
Concert Choir Mixed	53	H7240	Yes	126960	9,10,11,12	1
Concert Choir Treble	53	H7230	Yes	126960	9,10,11,12	1
Concert Chorale (MHS only)	53	H7235	No	126960	9,10,11,12	1
Honor Band	53	H7320	Yes	125510	9,10,11,12	1
Independent Study – Music	53	H7350	Yes	999915	12	1
Intermediate Tenor/Bass Choir	54	H7205	Yes	126960	9,10,11,12	1
Jazz Band	54	H7330	Yes	125540	9,10,11,12	1
Music Appreciation at MHS	54	H7200	No	126920	9,10,11,12	1
Music Appreciation at OHS	54	H7200S	No	126920	9,10,11,12	1/2
Musical Theatre	54	H7190	Yes	126900	11,12	1/2
String Orchestra	54	H7340	Yes	125520	9,10,11,12	1
Tenor/Bass Chorus at MHS	55	H7210S	No	126960	9,10,11,12	1/2
Tenor/Bass Chorus at OHS	55	H7210	No	126960	9,10,11,12	1
Treble Chorus at MHS	55	H7220S	No	126960	9,10,11,12	1/2
Treble Chorus at OHS	55	H7220	No	126960	9,10,11,12	1
Treble Chamber Choir	55	H7260	Yes	126960	9,10,11,12	1
Physical Education, Health and Family Education						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
9th Grade Physical Education	57	H8003	No	086000	9	1/2
Advanced Aquatics	57	H8065	Yes	086099	10,11,12	1/2
Adventure and Outdoor Pursuits	57	H8056	No	086899	10,11,12	1/2
Athletic Conditioning	57	H8037	Yes	086020	10,11,12	1/2
Basic Aquatics	57	H8060	No	086099	10,11,12	1/2

Cadet Teaching - Physical Education	57	H8045	Yes	999915	12	1/2
Health and Family Education	58	H8050	No	085300	9,10,11,12	1/2
Independent Study - Physical Education	58	H8075	Yes	999915	10,11,12	1/2
Lifetime Sports and Fitness	58	H8030	No	086030	10,11,12	1/2
Path to 5K/10K	58	H8070	No	086099	10,11,12	1/2
Personal Fitness for Life	58	H8040	No	086099	10,11,12	1/2
Sports Medicine and Athletic Training	58	H8055	Yes	086099	10,11,12	1/2
Strength and Conditioning for Boys	59	H8013	No	086099	10,11,12	1/2
Strength and Conditioning for Girls	59	H8015	No	086099	10,11,12	1/2
Team Sports/Fitness	59	H8023	No	086035	0,11,12	1/2

St. Louis Center for Advanced Professional Studies (STL CAPS)

Course Name	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Advanced Professional Studies - Engineering & Technology Design and Development	60	HCAPS06	Yes	NA	11,12	3
Advanced Professional Studies-Global Business and Entrepreneurship	60	HCAPS01	Yes	NA	11,12	3
Advanced Professional Studies-Medicine, Healthcare & Bioscience	61	HCAPS03	Yes	NA	11,12	3
Advanced Professional Studies - Teaching Careers in Education	61	HCAPS05	Yes	NA	11,12	3

Science

Course Name	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Advanced Placement Biology	62	H3235W	Yes	134295	11,12	1
Advanced Placement Chemistry (OHS only)	63	H3281W	Yes	134695	11,12	1
Advanced Placement Environmental Science	63	H3227W	Yes	134195	11,12	1
Advanced Placement Physics I	63	H3270W	Yes	135395	11,12	1
Advanced Placement Physics II (OHS only)	63	H3271W	Yes	135395	11, 12	1
Anatomy and Physiology at MHS	64	H3241W	Yes	134221	11,12	1
Anatomy and Physiology at OHS	64	H3241	Yes	134221	11,12	1
Applied Science	64	H3015	No	134642	9	1
Astronomy	64	H3160	Yes	133810	11,12	1/2
Biology	64	H3110	No	134200	9	1
Biology Concepts	64	H3100	No	134200	9, 10	1
Botany	65	H3200	Yes	134210	11,12	1/2
Cadet Teaching - Science	65	H3310	Yes	999915	12	1/2
Chemistry	65	H3060	Yes	134600	10,11,12	1
College General Chemistry I (MHS only)	65	H3282W	Yes	134600	11,12	1
College General Chemistry II (MHS only)	65	H3283W	Yes	134600	11,12	1
Earth Science	65	H3192	No	133800	10, 11, 12	1
Earth Science Concepts	66	H3191	Yes	133800	10, 11, 12	1
Ecology	66	H3195	Yes	134215	11,12	1/2
Field Methods	66	H3010	Yes	134200	9,10,11	1/2
Forensics	66	H3220	Yes	134200	11,12	1/2
Fossils and the Story of Ancient Life	66	H3180	Yes	133820	11,12	1/2
Geology	67	H3150	Yes	133820	11,12	1/2
Honors Biology	67	H3120	Yes	134200	9	1
Honors Chemistry	67	H3070	Yes	134600	10,11,12	1

Independent Study - Science	67	H3300	Yes	NA	12	1
Meteorology	67	H3170	Yes	133800	11,12	1/2
Physical Science	67	H3024	No	135010	10, 11,12	1
Physical Science Concepts	68	H3023	Yes	135010	10, 11,12	1
Physics	68	H3420	Yes	135900	10,11,12	1
Zoology	68	H3210	Yes	134220	11,12	1/2

Social Studies

Course Name	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Advanced Placement European History	70	H1370W	Yes	156695	10,11,12	1
Advanced Placement Human Geography (*9th Grade only with approval)	70	H1345W	Yes	156495	*9,10,11,12	1
Advanced Placement Macroeconomics (OHS only)	70	H1355W	Yes	156895	11,12	1/2
Advanced Placement Microeconomics (OHS only)	71	H1357W	Yes	156995	11,12	1/2
Advanced Placement Psychology	71	H1335W	Yes	156195	11,12	1
Advanced Placement US History	71	H1231W	Yes	156295	11,12	1
Advanced Placement United States Government and Politics	72	H1090W	Yes	156795	11,12	1
Advanced Placement World History: Modern	72	H1135W	Yes	156395	10,11,12	1
African American Studies	72	H1240	No	156683	10,11,12	1/2
American Government	72	H1000	No	156651	11,12	1
Bosnian-American Studies (MHS only)	73	H1018	Yes	054864	10,11,12	1/2
Cadet Teaching - Social Studies	73	H1390	Yes	999915	12	1/2
Contemporary American Policy (MHS only)	73	H1360W	Yes	156620	11,12	1/2
Economics	73	H1350	No	156630	11,12	1/2
Explorations in Social Studies	73	H1005	No	156660	10,11,12	1/2
Honors United States History: Reconstruction to the Modern Era	74	H1111	Yes	994210	9	1
Honors World History: 1450-Present Day	74	H1105	Yes	156663	10,11,12	1
Independent Study - Social Studies	74	H1380	Yes	NA	12	1/2
Introduction to Psychology	74	H1320	No	156100	10,11,12	1/2
Post-World War II America	74	H1365	No	156620	11,12	1/2
Psychological Inquiry	75	H1330	Yes	156100	11,12	1/2
Sociology	75	H1340	No	156670	11,12	1/2
United States History: Reconstruction to the Modern Era	75	H1109	No	156661	9	1
World History: 1450-Present Day	75	H1100	No	156663	10,11,12	1

Special Education Studies

Course Name	Page	Course #	Prereq	Data Course Code	Grade Level	Credit
Algebra Foundations	78	H9091	Yes		9,10,11,12	1
Community Based Vocational Instruction (CBVI)	78	Varies	Yes		9,10,11,12	Varies
CBVI Schnucks	78	H9078SC	Yes		9,10,11,12	Varies
CBVI In-House	78	H9080	Yes		9,10,11,12	Varies
CBVI Nazareth	78	H9082	Yes		9,10,11,12	Varies
CBVI Mercy South	78	H9080SA	Yes		9,10,11,12	Varies
CBVI St. Vincent	78	H9080SV	Yes		9,10,11,12	Varies
Cooperative Education (Co-Op) Program	78	H9080	Yes		11,12	Varies
English I Foundations	78	H9095	Yes		9,10,11,12	1
English II Foundations	79	H9096	Yes		9,10,11,12	1
English III Foundations	79	H90961	Yes		9,10,11,12	1
English Lab - Literary Genres and Composition	79	H9098	Yes		9,10,11,12	1

Everyday English	79	H9085	Yes		9,10,11,12	1
Everyday Math	79	H9087	Yes		9,10,11,12	1
Everyday Science/Health	80	H9068	Yes		9,10,11,12	1
Everyday Social Skills	80	H9065	Yes		9,10,11,12	1
Everyday Social Studies	80	H9092	Yes		9,10,11,12	1
Math I Foundations	80	H90981	Yes		9,10,11,12	1
Math II Foundations	80	H9089	Yes		9,10,11,12	1
Math III Foundations	81	H9090	Yes		9,10,11,12	1
Navigating Emotional Wellness	81	H90691	Yes		9,10,11,12	½-1
Navigating the Social World	81	H90692	Yes		9,10,11,12	½-1
Personal Finance Foundations	81	H9066	Yes		9,10,11,12	1/2
Reading Lab	81	H0125	Yes		9,10,11,12	1
Self-Advocacy	82	H9071	Yes		10,11	½-1
Study Skills	82	H9070	Yes		9,10	1
Transition Study Skills	82	H9072	Yes		11,12	1
Transition to Work	82	H9083	Yes		10,11,12	1/2
STEM (Science, Technology, Engineering, Mathematics)						
PLTW Biomedical Science, Computer Science and Engineering	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Biomedical Innovations	84	HSTEM09	Yes	100409	12	1
Human Body Systems	84	HSTEM07	Yes	100409	10,11,12	1
Medical Interventions	84	HSTEM08	Yes	100409	11,12	1
Principles of Biomedical Science	84	HSTEM06	No	100409	9,10,11,12	1
Computer Science A	85	HSTEM11	Yes	100432	10,11,12	1
Computer Science Principles	85	HSTEM10	No	100415	9,10,11,12	1
Cybersecurity	85	HSTEM14	Yes	100434	11,12	1
Aerospace Engineering (AE) PLTW	86	HSTEM15	Yes	100410	10,11,12	1
Civil Engineering and Architecture (CEA) PLTW	86	HSTEM04	Yes	100408	11,12	1
Digital Electronics (DE) PLTW	86	HSTEM03	Yes	100406	11,12	1
Engineering Essentials (EE) PLTW	87	HSTEM00	Yes	100435	9,10,11,12	1
Introduction to Engineering Design (IED) PLTW	87	HSTEM01	Yes	100405	9,10,11,12	1
Principles of Engineering (POE) PLTW	87	HSTEM02	Yes	100404	10,11,12	1
Capstone	87	HSTEM05	Yes		11, 12	1
Technology & Engineering Education						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Advanced Metals (OHS only)	87	H4055	Yes	105470	10,11,12	1
Advanced Woodworking	87	H4040	Yes	105482	10,11,12	1
Cadet Teaching - Technology & Engineering	87	H4400	Yes	999915	12	1/2
Computers and Networks	87	H4200	No		9,10,11,12	1/2
Drafting I	87	H4100	No	105430	9,10,11,12	1/2
Drafting II	87	H4105	Yes	105430	9,10,11,12	1/2
Game Programming and Multimedia Design	90	H4225	Yes	105432	9,10,11,12	1/2
Geometry in Construction: Construction	90	H2231	Yes		9,10,11,12	1
Graphic Design	90	H4220	No	105492	9,10,11,12	1/2
Home Inspection	90	H4045	Yes		11,12	1/2
Home Maintenance	90	H4000	No		9,10,11,12	1/2
Independent Study - Technology & Engineering	91	H4350	Yes		11,12	1/2
Metals I (OHS only)	91	H4050	No	105470	9,10,11,12	1/2
Metals II (OHS only)	91	H4051	Yes	105470	9,10,11,12	1/2
Robotics	91	H4227	Yes		10,11,12	1

Woodworking I	91	H4030	No	105482	9,10,11,12	1/2
Woodworking II	91	H4035	Yes	105482	9,10,11,12	1/2
Theatre						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Acting	92	H7155	No		9,10,11,12	1/2
Advanced Acting	92	H7160	Yes		10,11,12	1/2
Cadet Teaching - Theatre	92	H7186	Yes		12	1/2
Independent Study - Theatre	93	H7180	Yes		12	1/2
Intermediate Acting	93	H7157	Yes		9,10,11,12	1/2
Musical Theatre	93	H7190	Yes		11,12	1/2
The Stage	93	H7175	Yes		10,11,12	1/2
Theatre Appreciation	93	H7150	No		9,10,11,12	1/2
Theatre Stagecraft I	94	H7165	No		10,11,12	1/2
Theatre Stagecraft II	94	H7170	Yes		11,12	1/2
Visual Arts						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Advanced Placement Art and Design (Drawing, 2D and 3-D Art and Design)	96	H7125W	Yes	024395	11,12	1
Advanced Placement Art History	96	H7216W	Yes	024195	10,11,12	1
Art Exploration	97	H7124	Yes	024100	11,12	1/2
Cadet Teaching - Visual Arts	97	H7130	Yes	999915	12	½-1
Ceramics I	97	H7050	Yes	024126	9,10,11,12	1/2
Ceramics II	97	H7060	Yes	024126	10,11,12	1/2
Digital Art I	97	H7115	Yes	024199	9,10,11,12	1/2
Digital Art II	98	H7116	Yes	024199	10,11,12	1/2
Drawing I	98	H7010	Yes	024150	9,10,11,12	1/2
Drawing II	98	H7020	Yes	024150	10,11,12	1/2
Illustration	98	H7118	Yes	024150	10,11,12	1/2
Independent Study - Visual Arts	98	H7120	Yes	024199	12	1/2
Mixed Media	99	H7090	Yes	024199	9,10,11,12	1/2
Painting I	99	H7030	Yes	024160	9,10,11,12	1/2
Painting II	99	H7040	Yes	024160	10,11,12	1/2
Photography I	99	H7070	Yes	024130	9,10,11,12	1/2
Photography II	99	H7080	Yes	024130	10,11,12	1/2
Sculpture I	100	H7100	Yes	024135	9,10,11,12	1/2
Sculpture II	100	H7101	Yes	024135	10,11,12	1/2
Three-Dimensional Art Foundations	100	H7005	No	024199	9,10,11,12	1/2
Two-Dimensional Art Foundations	100	H7000	No	024199	9,10,11,12	1/2
Video Art	100	H7007	Yes	024199	9,10,11,12	1/2
World Languages and Culture						
Course Name	**Page**	**Course #**	**Prereq**	**Data Course Code**	**Grade Level**	**Credit**
Accelerated French II	102	H6025	Yes	064900	9,10,11,12	1
Accelerated Spanish II	102	H6225	Yes	066300	9,10,11,12	1
Advanced Placement French Language and Culture	102	H6045W	Yes	064995	11,12	1
Advanced Placement Spanish Language and Culture	103	H6251W	Yes	066395	11,12	1
Cadet Teaching-World Languages and Culture	103	H6260	Yes		12	1/2
French I	103	H6010	No	064900	9,10,11,12	1
French II	103	H6020	Yes	064900	9,10,11,12	1

French III	104	H6030W	Yes	064900	10,11,12	1
French IV	104	H6040W	Yes	064900	11,12	1
Heritage Spanish Language and Culture	104	H6205	Yes	066300	9,10,11,12	1
Spanish I	104	H6210	No	066300	9,10,11,12	1
Spanish II	105	H6220	Yes	066300	9,10,11,12	1
Spanish III	105	H6230W	Yes	066300	10,11,12	1
Spanish IV	105	H6240W	Yes	066300	11,12	1

Advanced Studies

Advanced Placement Capstone – Seminar – H9967W – grade weighted course
Advanced Placement Capstone Seminar gives the student a chance to practice core academic skills they need to complete college. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college, career, and beyond. This should elevate the learning environment through a challenging, college-level program with high standards of assessment. The student taking this course is expected to complete two through-course performance tasks and an end-of-course AP exam. There is a fee associated with taking the AP exam. See page 9 for more information on Advanced Placement fees.
Prerequisite: Students in AP Capstone Seminar should have a strong interest in research, the ability to write organized essays, and work independently and as part of a team.
Open to: 11, 12
Credit: 1 Unit Elective – Two semesters

Introduction to Leadership – H1374
This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include, but are not limited to, the following topics or areas: leadership roles, interpersonal relations, project planning, goal setting, civic responsibility, decision making, problem solving, meeting skills, and communication.
Prerequisite: None; however, this course is limited to 30 students per semester
Open to: 10, 11, 12
Credit: ½ Unit Elective - One Semester

Leadership – H1375
This course provides an opportunity to study, practice and develop group and individual leadership and organizational skills. These skills include, but are not limited to, the following topics or areas: leadership roles, interpersonal relations, project planning, goal setting, civic responsibility, decision making, problem solving, meeting skills and communication.
Prerequisite: The interested student must submit an application to be considered for this course.
Open to: 11, 12
Credit: 1 Unit Elective– Two Semesters

My Path – H9971
In the MyPath course, the student will propose a personalized plan of study focused on post-secondary interests and goals. The student will work with an instructor to collaboratively create a project management plan. Within this plan, the student will identify topics to be covered, curricular standards to be met, learning goals, activities, and a timeline. The student will create periodic presentations on their learning and progress, culminating in a capstone presentation to a public audience.
Prerequisite: The student must submit an application to be considered for admission to the program.
Open to: 11, 12
Credit: 1/2 Unit or 1.0 Unit Elective (One semester or two semesters)

Assessment

ACT Prep - H9973
ACT Prep is a course designed to give students an opportunity to prepare to take the ACT. Students will spend half of each course period on the verbal sections (English, Reading, Writing) and the other half of each course period on the Mathematics and Science Reasoning sections of the test. This class will focus on learning and practicing strategies as well as reviewing content to improve scores. Concepts reviewed include Algebra, Geometry and Trigonometry principles, Reasoning skills for interpreting charts and graphs as well as grammar, punctuation, sentence structure, rhetorical skills, and reading comprehension. All four ACT subtests will be reviewed: English, Math, Reading, and Science Reasoning. Students are required to register and take the ACT during this course to receive course credit. This class will be offered for elective credit and will only be offered as a Pass/Fail course. Students must enroll for the ACT during the semester of taking this course, preferably targeting the December or April test dates.
Prerequisite: None
Open to: 9, 10, 11, 12, with an emphasis on juniors/seniors in the fall and sophomores/juniors in the spring.
Credit: None

Business and Marketing Offerings by grade level (for student consideration)

General Business			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Explorations in Business and Marketing (S)	Business Management (S) 10th or 11th Grade	Business Law (S) or Business Management (S) 10th or 11th Grade	Accounting I (Y)
Business Communications (S)	Marketing I (S)	Microsoft Technology I (S)	Financial Planning (S)
AMPED Business Processes (Y)	Personal Finance (S)	Personal Finance (S)	Personal Finance (S)
	AMPED Business Processes (Y)		
Accounting			
Explorations in Business and Marketing (S)	Business Management (S) 10th or 11th Grade	Accounting I (Y)	Accounting II (Y)
Business Communications (S)	Marketing I (S)	Business Management (S) 10th or 11th Grade	Business Law (S)
AMPED Business Processes (Y)	Personal Finance (S)	Microsoft Technology I (S) or Web Design I (S)	Financial Planning (S)
	AMPED Business Processes (Y)		
Technology			
Explorations in Business and Marketing (S)	Business Management (S)	Web Design I (S)	Web Design II (S)
Business Communications (S)	Personal Finance (S)	Microsoft Technology I (S)	Microsoft Technology II (S)
AMPED Business Processes (Y)	AMPED Business Processes (Y)	Network Administration II (S) or (Y)	Employment Internship (Y)
Marketing/Entrepreneurship			
Explorations in Business and Marketing (S)	Business Management (S)	Entrepreneurship I (S)	Marketing I (Y) or Marketing II (Y)

Business Communications (S)	Fundamentals of Marketing (S)	Microsoft Technology I (S)	Entrepreneurship II (S)
	Personal Finance (S)	Retail Marketing Management (S)	Employment Internship (Y)
	Sports and Entertainment Marketing (S)	Social Media Advertising (S)	Independent Study-Marketing (Y)

S = Semester, Y = Year

Accounting I – H5050
Learn the skills needed to manage the financial transactions of a business. Accounting I is recommended for the student who is interested in accounting, owning or managing a business, or planning to major in business. The student will learn the fundamentals and principles of double-entry accounting, transactions, journals, ledgers and financial reports. Students enrolled in Accounting I are eligible to join a student business organization (FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Business, Management, and Technology

Accounting II – H5060
Accounting II reinforces accounting concepts and topics learned in Accounting I, while introducing new topics related to assets, liabilities, equities and financial analysis. Students learn relevant computing skills for industry managerial accounting and have the opportunity to earn the Intuit QuickBooks Certification, which is highly valued by industry. Students enrolled in Accounting II are eligible to join a student business organization (FBLA).
Prerequisite: Accounting I
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Business, Management, and Technology

AMPED Business Processes – H5311
The course is one part of the combined AMPED Algebra I (Algebra in Manufacturing, Production, Entrepreneurship and Design) course. This Career and Technical Education (CTE) course engages students by integrating business and entrepreneurship skills with the math skills they are learning in their Algebra I course in an authentic, business setting. The student will solve career-centered problems as they run an advanced fabrication lab customizing textile products which could include t-shirts, sweatshirts, blankets, banners, or other printed materials. The proceeds generated from the business aspect of the program will be utilized to self-fund the venture and provide philanthropic opportunities for the student through community service or monetary gifts to local charities. This contextual learning experience combines business entrepreneurships and all Algebra I standards through relevant and interactive, career-centered projects. The student will be enrolled in two courses and receive both an Algebra I and a CTE credit.
Prerequisite: Current math teacher approval/Must take concurrently with AMPED Algebra I
Open to: 9, 10, 11, 12
Credit: 1 Unit – One Year (Practical Arts)
Career Path: Business, Management, and Technology

Business Communications – H5012
In Business Communications, students develop career skills through focusing on principles of effective communication as well as an awareness of the importance of technology in regards to modern business communication. They will gain a variety of communication skills while engaging in projects relating to real world scenarios. This course will reinforce essential soft skills

needed for success. Students enrolled in Business Communications are eligible to join student business organizations (DECA & FBLA).
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Business Law – H5090W – grade weighted course
This course introduces students to the American legal system and the personal, business, and consumer laws every individual must adhere to in our society. The student will be acquainted with the current legal environment and how this will impact their lives through an understanding of contractual obligations to employment law, bankruptcy law, family law and estate law. The student will also understand the relationship between the law and ethics. Students may have the opportunity to earn three college credit hours from the University of Missouri-St. Louis. Students enrolled in Business Law are eligible to join a student business organization (FBLA). Dual Credit offered. See page 9 for more information on Dual Credit fees.
Prerequisite: None
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology
Weighted: 1.0

Business Management – H5020
Business Management provides students insight into the way businesses work from the view point of both employees and managers. Students will explore business management concepts such as ethics/social responsibility, workplace communication, and government regulation of business. Students enrolled in Business Management are eligible to join a student business organization (FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Cadet Teaching – Business – H5390
This course is designed to provide an opportunity for exposure to the field of business education. This course gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process, as well as strengthening his/her own business skills. The student will develop the leadership and organizational skills needed in any working environment.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)
Career Path: Business Management and Technology

Employment Internship – H5350
Students earn credit for a paid or unpaid employment internship which may or may not occur during school hours. Students will apply class course work on the job and learn professional workplace soft skills to become a successful employee. To earn credit for this internship, the student works a required minimum number of hours during the school year and completes written assignments related to their employment internship experience in business or marketing. Students must be

concurrently enrolled in a qualifying business or marketing course. Students enrolled in Employment Internship are eligible to join student business organizations (DECA & FBLA).
Prerequisite: Application process plus concurrent enrollment in Business or Marketing Course
Open to: 11, 12
Credit: 1/2 Unit – One Semester ***OR*** *1 Unit - Two Semesters (Practical Arts)*
Career Paths: Business Management and Technology

Entrepreneurship I – H5105
Entrepreneurship I introduces students to a wide array of basic entrepreneurial concepts and skills. The course introduces the student to the essentials of business activities, including managing and marketing. Students will have the opportunity to learn what it takes to create a new business. Students desiring to advance their business idea can do so in Entrepreneurship II. Students enrolled in Entrepreneurship I are eligible to join student business organizations (DECA & FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Entrepreneurship II – H5110
Entrepreneurship II continues students' study of the entrepreneurial concepts and skills learned in Entrepreneurship I. In this course students will fully explore their business idea and create a specific business plan. Students will investigate more in depth business concepts, including managing, marketing, finance and accounting. Students enrolled in Entrepreneurship II are eligible to join student business organizations (DECA & FBLA).
Prerequisite: Entrepreneurship I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Explorations in Business and Marketing – H5005
Curious about how business works? Want to know more about the relationship between consumers, workers, and citizens? Explorations in Business & Marketing introduces students to how business works in today's society. Students will explore aspects of the business world, including marketing, management and leadership, global economics, and finances. This course will prepare students for future courses in business and marketing. Students enrolled in Explorations are eligible to join student business organizations (DECA & FBLA).
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester
Career Path: Business, Management, and Technology

Financial Planning – H5405W – grade weighted courseadvanced
Financial Planning expands on the concepts introduced in Personal Finance to give students a more in depth look at their financial future. Students will learn strategies to build lifelong financial wealth and security. Topics include investing, estate planning, tax planning, and understanding financial literacy. Financial Planning is the course for students interested in a strong financial future. Students may have the opportunity to earn three college credit hours from the University of Missouri-St. Louis. See page 9 for more information on Dual Credit fees. Students enrolled in Financial Planning are eligible to join a student business organization (FBLA).
Prerequisite: Successful completion of Personal Finance

Open to: 11, 12
Credit: 1/2 Unit – One Semester
Career Path: Business Management and Technology
Weighted: 1.0

Independent Study in Business and Marketing – H5360
This course is designed to provide students an opportunity to pursue advanced study in business and marketing beyond the normal curricular offerings. Students will create a project, with instructor approval, to investigate specific areas of interest based upon each individual's needs and interest. Students enrolled in Independent Study in Business and Marketing are eligible to join student business organizations (DECA & FBLA).
Prerequisite: Application process
Open to: 11, 12
Credit: 1/2 Unit - One Semester ***OR*** *1 Unit – Two Semesters (Practical Arts)*
Career Path: Business, Management, and Technology

International Business – H5100
Conducting business in a global environment requires knowledge of various cultures and business practices. The course introduces the student to business activities in the global setting with regards to management, marketing, economic and political/legal constructs. The course is designed to help students understand the nature of global variations in culture that affect businesses. Students enrolled in International Business are eligible to join a student business organization (FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management & Technology

Marketing I – H5325
Marketing is key to how businesses get their products to consumers. Marketing I will focus on multiple marketing functions where students will learn strategies including product development and selling. This course prepares students to use marketing concepts in current and future careers. Students enrolled in Marketing I are eligible to join student business organizations (DECA & FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Business, Management, and Technology

Marketing II – H5330W – grade weighted course
Marketing is key to how businesses get their products to consumers. Marketing II will focus on advanced marketing functions where students will learn strategies including marketing information management and integrated marketing communications. This course prepares students to use advanced marketing concepts in current and future careers. Dual credit offered. See page 9 for more information on Dual Credit fees. Students enrolled in Marketing II are eligible to join student business organizations (DECA & FBLA).
Prerequisite: Successful completion of one of the following courses: Marketing I, Social Media Advertising, Sports & Entertainment Marketing or Entrepreneurship I
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Business, Management, and Technology
Weighted: 0.75

Microsoft Technology I – H5070
Students are exposed to a variety of educational technologies; however, college and career technology can differ greatly from the tools they use in school. Students will review and expand their knowledge of Microsoft Word and PowerPoint as it applies

to the business world. Students will have the opportunity to earn Core Microsoft Office Specialization certification which is highly valued in industry. Students enrolled in Microsoft Technology I are eligible to join a student business organization (FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Microsoft Technology II – H5200
Students are exposed to a variety of educational technologies; however, college and career technology can differ greatly from the tools they use in school. Students will review and expand on their knowledge of Microsoft Excel and Access as it applies to the business world. Students will have the opportunity to earn Core Microsoft Office Specialization certification which is highly valued in industry. Students enrolled in Microsoft Technology II are eligible to join a student business organization (FBLA).
Prerequisite: Successful completion of Microsoft Technology I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

Network Administration I – H5341
Students in the Tiger Tech or Panther Tech Help Desk will support the Mehlville School District's 1:1 initiative. Students will apply problem-solving skills and explore computer maintenance through diagnosing hardware and software problems, installation of updates, and the repairing of damaged devices. Additionally, students will pursue an independent learning pathway in which they may earn certifications and/or credentialing within the field of Information Technology.
Prerequisite: Application and department approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester
Career Path: Business, Management, and Technology

Network Administration II – H5342
The student-run tech support prepares students to provide first-line technical support to students, support staff, and teachers. Students are trained to listen, observe, and assess general end-user issues. The hands-on learning environment provides students the opportunity to learn how to expand on knowledge of operating systems, hardware, software, and network configurations problems as well as processing service tickets and inventory stock. Additionally, students will pursue an independent learning pathway in which they may earn certifications and/or credentialing within the field of Information Technology.
Prerequisite: Application, completion of Network Administration I or completion of PLTW Engineering/Computer Science course, or Department approval.
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester ***OR*** *1 Unit – Two Semesters*
Career Path: Business, Management, and Technology

Personal Finance – H5400
Understanding and managing personal finances are key to one's future financial success. Students will learn how choices influence occupational options and future earning potential, and will apply decision-making skills to evaluate career choices and set personal goals. The course content includes wise spending, saving, and credit decisions and effective use of income to achieve personal financial success. Students enrolled in Personal Finance are eligible to join a student business organization (FBLA).
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Personal Finance requirement)
Career Path: Business Management and Technology

Social Media Advertising – H5305

Social Media Advertising will focus on the latest technology and platforms used by businesses to promote their products and services. Students will learn how to use current social networking sites, micro-blogging sites, video-sharing sites, blogging, mobile couponing and more. They will create marketing strategies, implement marketing plans and measure their success. Students enrolled in Social Media Advertising are eligible to join student business organizations (DECA & FBLA).

Prerequisite: None

Open to: 11, 12

Credit: 1/2 Unit – One Semester (Practical Arts)

Career Path: Business, Management, and Technology

Sports and Entertainment Marketing – H5300

Sports and Entertainment Marketing combines entertainment and traditional marketing. In the class, students can learn basic marketing principles and become immersed in the multibillion dollar sports and entertainment industry. Students will understand the business behind major entertainment events. Students enrolled in Sports and Entertainment Marketing are eligible to join student business organizations
(DECA & FBLA).

Prerequisite: None

Open to: 10, 11, 12

Credit: 1/2 Unit – One Semester (Practical Arts)

Career Path: Business, Management, and Technology

Supervised Office Experience (SOE) – H5100

Supervised Office Experience (SOE) is designed for the student interested in working with others in an employer-employee situation in the school office and/or for teachers, counselors or library staff. The student is trained and supervised while working at an assigned station. An application must be made and approval must be given before enrollment can be completed.

Prerequisite: GPA of 3.0 or higher

Open to: 12

No Credit

Web Design I – H5080

Web Design I introduces students to the fundamentals of developing and publishing effective business Web pages. Students design and create a website that is easy to navigate, visually appealing, and effectively communicates a purpose. The class will explore the use of computer animation, graphic and technical details, and design theory. Students enrolled in Web Design I are eligible to join a student business organization (FBLA).

Prerequisite: None

Open to: 10, 11, 12

Credit: 1/2 Unit – One Semester (Practical Arts)

Career Path: Business, Management, and Technology

Web Design II – H5085

Web Design II focuses on advanced techniques in web design with particular emphasis on design elements involving layout, navigation and business client/customer interaction. Students will complete hands-on web design exercises using advanced aspects of current web design software. Students will create a fully functioning professional website. Students enrolled in Web Design II are eligible to join a student business organization (FBLA).

Prerequisite: Successful completion of Web Design I

Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Business, Management, and Technology

English Language Arts Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
English I: Concepts - *MHS only* (Y)	English II (Y)	English III (Y)	**English Classes That Meet the 4th Year Requirement include:**
English I (Y)	Honors English II (Y)	Honors English III: College Literature and Composition - *MHS only* (Y)	AP English Language and Composition (Y)
Honors English I (Y)	Public Speaking (S)	AP English Language and Composition (Y)	AP English Literature and Composition (Y)
Public Speaking (S)	Debate (S)	AP English Literature and Composition (Y)	College Composition (MHS) (Y)
Debate (S)	Yearbook Workshop (Y)	Public Speaking (S)	Competitive Forensics (Y)
English I Flex - *MHS only (Y) see p6*	Broadcast Journalism (Y)	Debate (S)	Journalism II (Y)
	English II Flex - *MHS only (Y) see p7*	Digital Storytelling (S)	Bosnian-American Studies (S)
		Yearbook Workshop (Y)	Creative Writing (S)
		Journalism I: News Writing and Reporting (S)	Media Literacy and Composition (S)
		Broadcast Journalism (Y)	Film Analysis and Composition (S)
			Mythology and Legends (S)
			Shakespeare's Plays (S)
			Public Speaking (S)
			Debate (S)

			College Preparatory Literature (S)
			College Preparatory Writing (S)
			English classes that count as an Elective/non-English credit: Broadcast Journalism (Y) Cadet Teaching (Y) Digital Storytelling (S) Independent Study (S) Journalism I (S) Yearbook Workshop (Y)

S = Semester, Y = Year

Advanced Placement English Language and Composition – H0105W – grade weighted course
Advanced Placement English Language and Composition serves as a rigorous course, preparing the student for college level composition as well as the AP English Language and Composition exam offered at the end of the year. The student will read for a variety of purposes and analyze rhetorical modes of primary nonfiction pieces, composing developed essays each semester as well as timed writing pieces. The student will also develop revision strategies, a sophisticated vocabulary, and critical discussion and rhetorical skills. The student taking this course must fulfill a summer reading requirement. Dual credit (OHS only) and Advanced Placement credit offered. See page 9 for more information about Advanced Placement and Dual Credit fees.
Prerequisite: Students who have had experience in rhetorical analysis, argument, and synthesis, as well as the ability to read college level texts, may more easily address the objectives of the course. Successful completion of English II is required.
Open to: 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts)
Weighted: 1.0

Advanced Placement English Literature and Composition – H0110W – grade weighted course
This course will prepare the student to take the Advanced Placement English Literature and Composition exam offered at the end of the school year. Through class writing activities, the student will become an active, skilled reader of prose written in various periods, disciplines and rhetorical contexts and clear, cogent, even elegant, writers. The student will create expository, analytical, and argumentative compositions that introduce complex ideas and develop them using evidence drawn from their reading. The student taking this course must fulfill a summer reading requirement. Advanced Placement credit offered. See page 9 for more information for more about Advanced Placement fees.
Prerequisite: Students who are successful in AP Literature must be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. Successful completion of English II is required.
Open to: 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts)
Weighted: 1.0

Bosnian American Studies – H1018 (OHS only)
A semester course, Bosnian American Studies is available for Dual-Credit through Fontbonne University. In this writing and research intensive course, the student will be exposed to a wide range of fiction and non-fiction texts designed to bring a broad synthesis of sources and methods to bear on the understanding of the Bosnian war, genocide, and immigration to St. Louis in the late twentieth and early twenty-first centuries. Student research projects will include the creation of primary

source documents for the Bosnia Memory Project or other authentic audiences. See page 9 for more information on Dual Credit fees.
Prerequisite: 2.5 minimum GPA
Open to: 11, 12
Credit: 1/2 Unit – One Semester (English Language Arts)

Broadcast Journalism – H0325
The broadcast journalism student will analyze professional electronic media and discuss journalism ethics, then produce their own news show in group/team environments as well as individually. Discussions will include script-writing, dialogue, and the roles and functions of writers, producers and directors. The student will create video productions, including visual stories for news magazine programs, in-house commercials, music videos, and in-school promotions. They will write and create their own video productions, or write their own segments from video filmed by classmates, for a news magazine program that can be aired throughout the school and community on websites or cable television. The student will also perform business operations, such as selling and creating advertising.
Prerequisite: English I
Open to: 11, 12 (10 with current teacher approval)
Credit: 1 Unit – Two Semesters (Practical Arts); (the student may take this course more than once; repeated course will be an elective credit)

Cadet Teaching – English Language Arts – H0480
This course gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process as well as strengthen his/her own English language arts skills. The student will develop the leadership and organizational skills needed in any working environment.
Prerequisite: Application approval
Open to: 12
Credit: 1 Unit – Two Semesters (elective)

College Preparatory Literature – H0111
This course is designed to challenge the college-bound student who is striving to improve reading and analytical skills. The course includes the following genres of literature: novel, short story, poetry, drama and film.
Prerequisite: English I, II and III
Open to: 12
Credit: 1/2 Unit – One Semester (English Language Arts)

College Preparatory Writing – H0112
This senior course is designed to challenge the college-bound student who is striving to achieve higher-level composition and language skills. The course includes practice in the writing process resulting in the following polished essays: narrative, evaluative, research, analytical, argumentative, compare/contrast. The course also includes vocabulary development and intensive grammar review focusing on ACT requirements.
Prerequisite: English I, II and III
Open to: 12
Credit: 1/2 Unit – One Semester (English Language Arts)

Debate – H0210
This course offers the student extensive practice and experience in a variety of argumentative situations, encouraging individual thought, analysis, and synthesis based on perceptive criticism. The student will participate in at least one full competitive debate tournament, requiring time after school; thus, the student must be MSHSAA eligible.
Prerequisite: Public Speaking, Acting or with current teacher approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (English Language Arts)

Digital Storytelling – H0375
The student will review and apply fundamentals of journalism, including ingredients of a good story. The student will research with a purpose and select meaningful projects that reflect higher-level thinking and depth of knowledge. The student will conduct interviews with integrity and apply ethics of digital reporting. The student will learn and apply techniques to hook and hold an audience. The student will refine editing and production skills to create a dynamic viewing and listening experience for the viewer. The student will also evaluate and implement distribution strategies for their work after analyzing best practices in promotion. The course will culminate with a film festival that will showcase the work of Digital Storytelling to students, families and community members. Travel off-campus may occur (with parent permission) for this course.
Prerequisite: Successful completion of English I and English II; application process (Broadcast Journalism and Journalism I recommended but not required)
Open to: 11, 12
Credit: 1/2 unit – one semester (Practical Art or elective); the student may take this course more than once.

English I: American Literature and Composition – H0010
English I explores the various genres and themes of American Literature, emphasizing reading comprehension and analysis skills. The student will investigate the relationship between society and the individual, and how this relates to the American identity. The student will write regularly while developing argumentative, research and narrative skills. Participation in informal and formal class discussion will be expected daily.
Prerequisite: None
Open to: 9
Credit: 1 Unit – Two Semesters (English Language Arts)

English I: Concepts – H0013 (MHS only)
The ability to communicate clearly and effectively through oral and written mediums is essential to academic success in high school courses. The student in English I Concepts will develop these crucial skills through exposure to various genres and themes to enhance a basic understanding of language and literature at the high school level. The instructor will provide differentiated instruction as well as individualized attention to each student, and promote skills for student success in high school. English I Concepts will reintroduce and reinforce student knowledge of library resources, will help the student to incorporate Standard English into their written and oral communication, and will further develop their critical analysis skills.
Prerequisite: Placement will be determined by teacher recommendation
Open to: 9
Credit: 1 Unit – Two Semesters (English Language Arts)

English II: World Literature and Composition - H0040
English II: World Literature and Composition explores the various genres of world literature, emphasizing historical perspectives and cultural themes through close reading and analysis. The student will write regularly while developing argumentative, research, and rhetorical skills. Participation in informal and formal class discussion will be expected.
Prerequisite: Successful completion of both semesters of English I
Open to: 10
Credit: 1 Unit – Two Semesters (English Language Arts)

English III: English Literature and Composition – H0070
English III: English Literature and Composition explores the various genres of English Literature emphasizing close reading and analysis. The student will write regularly while developing higher-level argumentative, research, and rhetorical skills. Participation in informal and formal class discussion will be expected daily.
Prerequisite: English I and II
Open to: 11
Credit: 1 Unit – Two Semesters (English Language Arts)

English IV: Competitive Forensics: Composition, Debate and Public Speaking – H0215W (OHS only) – grade weighted course

This year-long course extends the depth and breadth of skills learned and practiced in public speaking and debate with frequent interscholastic competition, giving the student access to exercises and assessments in school districts across Missouri. The student will choose areas of focus within debate and speech. Forensic team participation is required, with a minimum of six tournaments and district competition. Assessment will be through unit projects, individual and group work, performance and presentations. This course may be taken for college credit through the University of Missouri-St. Louis. Dual credit offered. See page 9 for more information on Dual Credit fees.

Prerequisite: Debate

Open to: 11, 12

Credit: 1 Unit – Two Semesters (English Language Arts) - This class may be repeated for additional credit.

Weighted: 0.75

English IV: Creative Writing – H0330

This study of creative writing will include the major genres of literature that include poetry, short fiction, creative nonfiction (historical fiction) and drama. The focus of the class is the application of literary techniques, the process of writing multiple drafts, the revision and editing processes, and contribution to a class portfolio. The student will analyze texts of published authors and peers. The student will use speaking and listening skills to share their writing. The student will also research the process of publication and prepare one piece of literature for a particular publication.

Prerequisite: English I and II

Open to: 11, 12

Credit: 1/2 Unit – One Semester (English Language Arts)

English IV: Film Analysis and Composition – H0420

This English Language Arts course offers the student an opportunity to view film as an art form and write and talk about the experience. It provides an overview of the roles involved in producing a film including directing, screenwriting, editing, acting, and other areas of creativity. This film course covers major film genres and early film history. It also examines film's role and influence in society. A minimum of three major finished writing pieces, Socratic discussion, and a culminating presentation are required. Formats include film review, critical essay, direct application response, compare and contrast essay, student produced film, and persuasive presentation. Additional assignments for each film will also be required.

Prerequisite: English I and II

Open to: 11, 12

Credit: 1/2 Unit – One Semester (English Language Arts)

English IV: Journalism II – H0320

This course offers the student the opportunity to continue to apply their journalistic skills. Editors of the school news magazine and student-produced media website are chosen from this class. In addition to the publication of news magazine/online content, the student will also produce special publications under the guidance of the editors and adviser. The student will refine their skills in the following areas: writing, photography, design, business and emerging media. The student can expect to spend time outside of class during publication deadlines. Please see an adviser for application.

Prerequisite: English I, II and Journalism I

Open to: 11, 12

Credit: 1/2 Unit – One Semester (English Language Arts)

English IV: Media Literacy and Composition – H0410

This English Language Arts course is designed to teach the skills necessary to analyze a variety of media messages in society. The student will study print and television advertisements, movies, television, music, news, and social media. Using these media as text, the student will determine how media shapes and influences our society. In addition to numerous nonfiction articles, critical thinking skills will be applied in order to "read" advertisements, TV shows, and films. Additionally, the student will complete three major projects, one presentation, and various short writing assignments during the semester.

Prerequisite: English I and II

Open to: 11, 12

Credit: 1/2 Unit – One Semester (English Language Arts)

English IV: Mythology and Legends – H0430
This course begins with a study of classical mythology, focusing on the universal human concerns and questions that myths reflect. Units on other mythological systems focus on the core themes and values cultures share, as well as their connections to a variety of academic disciplines.
Prerequisite: English I and II
Open to: 11, 12
Credit: 1/2 Unit – One Semester (English Language Arts)

English IV: Shakespeare's Plays – H0450W – grade weighted course
This course includes a study of the dramatic works of the writer we call "Shakespeare." This class will include the study of plays representing each genre that Shakespeare penned: comedy, history, tragedy, and romance. The student will also study some of Shakespeare's sonnets. This class will encourage the student not only to enjoy the works of Shakespeare but will involve an analysis of the Elizabethan times which created such a talented writer and a discussion of dramatic technique. Dual credit offered. See page 9 for more information on Dual Credit fees.
Prerequisite: English I and II with a 3.0 in all English classes taken and an overall GPA of 3.0
Open to: 11, 12
Credit: 1/2 Unit – One Semester (English Language Arts)
Weighted: 0.75

Honors English I: American Literature and Composition – H0020
Honors English I: American Literature and Composition explores the various genres and themes of American Literature emphasizing reading comprehension and fundamental analysis skills. The student will investigate the relationship between society and the individual, and how this relates to the American identity. The student will write regularly while developing argumentative, research and narrative skills. Participation in informal and formal class discussion will be expected daily. This course is designed to challenge the student who has mastered basic composition skills. The student taking this course must fulfill a summer reading requirement.
Prerequisite: Current teacher approval
Open to: 9
Credit: 1 Unit – Two Semesters (English Language Arts)

Honors English II: World Literature and Composition – H0050
Honors English II: World Literature and Composition explores the various genres of world literature with emphasis on historical perspectives and cultural themes through close reading and analysis. The student will write regularly while developing more sophisticated argumentative, research, and rhetorical skills. Participation in informal and formal class discussion will be expected. This course is designed to challenge the student who has mastered basic composition and language skills. The student taking this course must fulfill a summer reading requirement.
Prerequisite: English I with a "B" or higher
Open to: 10
Credit: 1 Unit – Two Semesters (English Language Arts)

Honors English III: College Literature and Composition – H0081W (MHS only) – grade weighted course
This course includes a survey of English literature. Compositions include argumentative and analytical essays, research, and documentation. This course requires active participation in formal and informal presentations, Socratic seminars, and small group discussions. This course is designed to challenge the student who has mastered basic composition and language skills. This course is offered as dual-credit through Saint Louis University and UMSL to the qualified student. Dual Credit offered. See page 9 for more information on Dual Credit fees.
Prerequisite: English I and II with a "B" or higher
Open to: 11
Credit: 1 Unit – Two Semesters (English Language Arts)
Weighted: 1.0

Honors English IV: Advanced College Literature and Composition – H0101W (MHS only) – grade weighted course
This course is designed to challenge the college-bound student who has mastered high school level composition and language skills. Focusing on expository writing, the course includes the essay, literary analysis, the research paper, vocabulary development and intensive grammar review. Dual credit offered. See page 9 for more information on Dual Credit fees.
Prerequisite: English I, II, and III with a "B" or higher
Open to: 12
Credit: 1 Unit - Two Semesters (English Language Arts)
Weighted: 1.0

Independent Study – English Language Arts – H0470
This course is designed for the student who possesses a high degree of independence and responsibility, and who desires to investigate topics not available through regular course work. The course objectives, outline and evaluation procedures must be developed by the student and teacher and submitted to the department chairperson prior to enrollment.
Prerequisite: English I, II and III
Open to: 12
Credit: 1/2 Unit – One Semester (English Language Arts)

Journalism I: News Writing and Reporting – H0310
The student will learn the writing structure of the straight news story, the feature, the editorial and the sports article. The student is encouraged to collect facts by interviewing students, teachers and administrators, and to help publish the school newspaper online and/or in print. The student will be actively involved in the production of articles and will study photography, magazines, broadcasting, advertising and social media.
Prerequisite: English I recommended but not required
Open to: 10, 11, 12 (9 with current teacher approval)
Credit: 1/2 Unit – One Semester Practical Art (The student may take this class more than once; repeated course will receive English Language Arts elective credit).

Public Speaking – H0200
This course is designed to offer the novice speaker a number of opportunities to organize and prepare public speaking and oral interpretation assignments. The student will develop poise and confidence before an audience. The student will learn about the role of communication in our lives, the communication model, spatial relationships, delivery styles, and the effectiveness of language, gestures, and organization techniques. The student will be encouraged to participate in competitive speech tournaments, requiring time after school. This course may only be taken one time.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit - One Semester (English Language Arts)

Yearbook Workshop – H0300
In this course, the student produces the senior high yearbook. Each student learns various skills while producing the yearbook, including copy writing and reporting, business (sales/marketing), layout and design and photography. The student learns to accept responsibility for deadlines and to cooperate in a group effort.
Prerequisite: English I
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)

English Language (EL) Development

English Language Development Foundations - H9013
The English Language Development IA course is for the non-native English speaker with a beginning level of English proficiency. The course is designed to support English language acquisition in the areas of social language, academic language, and disciplinary content vocabulary and context. Students will practice listening comprehension, oral fluency, as well as reading and writing skills. Concurrent enrollment in English Language Development IB is required.
Placement Criteria - Meets all criteria:

- ***Less than 1 year in US as of August 1, 2026***
- ***1.5 or less on WIDA assessment or ML status determined by DESE newcomer screener***
- ***Significant gap in formal education***
    - ***missing 2 or more years of formal education***

Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters (English Language Arts or Elective)

English Language Development I – H9014
The English Language Development IB course for the non-native English speaker with a beginning level of English proficiency. The course is designed to support English language acquisition with an emphasis on foundational reading and writing skills including phonemic awareness, phonics, reading comprehension, and fluency. Students will use various texts to explore and identify the following terms: narrate, inform, explain, and argue. Concurrent enrollment in English Language Development IA is required.
Placement Criteria - Meets all criteria:

- ***Less than 3 years in US as of August 1, 2024***
- ***3.0 or less on WIDA Assessment or ML status determined by DESE newcomer screener***

Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts or Elective)

English Language Development II – H9015
The English Language Development II course is for the non-native English speaker with a beginning to intermediate level of English proficiency. The course is designed to support English language acquisition in listening, speaking, reading, and writing with an emphasis on reading comprehension, grammar and academic vocabulary development. Specific reading and writing skills taught include finding the main idea, recognizing supporting details, drawing conclusions, sequencing, inferencing, understanding vocabulary in context, and text features. Students will participate in research activities through the use of fiction and nonfiction text. In addition, students will examine the author's purpose to deepen their understanding of the terms: narrate, inform, explain, and argue.
Placement Criteria - Meets all criteria:

- ***Less than 3 years in US as of August 1, 2024***
- ***3.0 or less on WIDA Assessment or ML status determined by DESE newcomer screener***
- ***Completed course work for ELA I***

Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts or Elective)

English Language Development III – H9020
The English Language Development III course is for the non-native English speaker with an intermediate level of English proficiency. The course is designed to support English language acquisition in listening, speaking, reading and writing. Through collaboration with peers, students will participate in class discussions and presentations. Students will be introduced to the formal study of literary genres and further develop their skills in reading for meaning and critical thinking. In addition, students will develop narrative, informative, explanatory/expository, and argumentative writing with scaffolded instruction.
Placement Criteria - Meets all criteria:

- ***Less than 3 years in US as of August 1, 2024***

- ***3.0 or less on WIDA Assessment or ML status determined by DESE newcomer screener***
- ***Completed course work for ELA II***

Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts or Elective)

Family and Consumer Sciences Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Culinary Arts I (Y)	Baking and Pastry (S)	Baking and Pastry (S)	Baking and Pastry (S)
Fashion Construction I (S)	Child Development I (S)	Child Development I (S)	Cadet Teaching (S)
Fashion Construction II (S)	Culinary Arts I (Y)	Child Development II (S)	Child Development I (S)
Fashion Merchandising (S)	Culinary Arts II (Y)	Culinary Arts I (Y)	Child Development II (S)
Foods I (S)	Fashion Construction I (S)	Culinary Arts II (Y)	Culinary Arts I (Y)
Foods II (S)	Fashion Construction II (S)	Fashion Construction I (S)	Culinary Arts II (Y)
Interior Design (S)	Fashion Construction Studio (S)	Fashion Construction II (S)	Fashion Construction I (S)
	Fashion Merchandising (S)	Fashion Construction Studio (S)	Fashion Construction II (S)
	Foods I (S)	Fashion Merchandising (S)	Fashion Construction Studio (S)
	Foods II (S)	Foods I (S)	Fashion Merchandising (S)
	Interior Design (S)	Foods II (S)	Foods I (S)
	International Foods (S)	Human Relations (S)	Foods II (S)
		Independent Study - Family and Consumer Sciences (S)	Human Relations (S)
		International Foods (S)	Independent Study - Family and Consumer Sciences (S)
		Interior Design (S)	International Foods (S)
			Interior Design (S)

S = Semester, Y = Year

Baking and Pastry – H4513
In Baking and Pastry, students will build upon the knowledge and skills acquired in Foods II to produce baking and pastry products based on current industry trends. Students will develop knowledge of ingredient functions, baking terminology, and a variety of baking and pastry techniques. This course is designed to appeal to the student who plans to pursue a career or who has a high interest level in culinary and/or baking and pastry arts.
Prerequisite: Successful completion of Foods II OR Baking and Pastry teacher approval
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Cadet Teaching – Family and Consumer Science – H4640
Cadet Teaching gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process as well as strengthening his/her own family and consumer science skills. The student will help prepare lessons, tests, and lab experiences. The cadet teacher will also assist small groups of students.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)
Career Path: Human Services

Child Development I – H4620
This course prepares the student to work with children. Units of study include examining families and parenting styles, human reproduction, prenatal development, labor, birth, and delivery. Students will also learn about a child's growth and development during the newborn, infancy, and toddler stages. Careers in the child development field will be discussed throughout the semester. Three articulated college credits for any student through STLCC are available to Child Development I & II students who maintain an A or B average in both courses.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Child Development II – H4630
This second level course provides an exploration of advanced child development principles. Units of study include examining early childhood program types, developmental learning theories and the physical, social, emotional and intellectual needs of the preschool age child. Students will be able to plan developmentally appropriate activities, observe, and interact with preschoolers in the high school lab based early childhood learning center. Careers in the child development field will be discussed throughout the semester. Three articulated college credits for any student through STLCC are available to Child Development I & II students who maintain an A or B average in both courses.
Prerequisite: Successful completion of Child Development I and Application Process
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Culinary Arts I – H4521
Culinary Arts I is also known as ProStart I. ProStart is a program created by the National Restaurant Association Educational Foundation. Students learn the management and culinary skills needed for home cooking and for a career in the foodservice industry. Educational strategies and technologies are utilized for classroom instruction. In addition, there is an emphasis on safety and sanitation, communication, management, and customer service. Upon completion of the safety and sanitation unit, students will have the opportunity to earn an industry recognized certificate, ServSafe. Students will learn and practice knife skills, cooking methods, and kitchen math through culinary lab experiences that may include salads, sandwiches, pizza, stocks, sauces, soups, and baking.
Prerequisite: None

Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Human Services

Culinary Arts II – H4522
Culinary Arts II is a continuation of Culinary Arts I. The industry emphasis for Culinary Arts II is marketing, costing, purchasing, nutrition and sustainability. The culinary focus is breakfast, dairy, fruits, vegetables, potatoes, pasta, meat, poultry, seafood, and desserts.
Prerequisite: Successful completion of Culinary Arts I
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Career Path: Human Services

Fashion Construction I – H4530
Fashion Construction I introduces basic sewing construction skills. The student will experience project based learning by utilizing basic sewing concepts and equipment to construct simple sewing projects, understanding and threading the sewing machine, using a sewing pattern, demonstrating construction measuring techniques and proper clothing care procedures. Teaching methods include class discussion, teacher and student demonstrations, audio-visual materials, displays, and student projects. The student is required to provide his or her own sewing supplies, according to a teacher-provided list.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Fashion Construction II – H4540
Fashion Construction II utilizes individualized instruction with an emphasis on more advanced fashion construction techniques. The student will experience project based learning by applying advanced skills to project and garment construction. The teacher will facilitate student-choice based on interest and level of expertise with the expectation of developing higher level sewing, design, and construction skills. The student is required to provide his or her own sewing supplies.
Prerequisite: Successful completion of Fashion Construction I
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Fashion Construction Studio – H4550
In Fashion Construction Studio, the student works independently, utilizing sewing skills, fashion knowledge and current industry trends to design a full look. The student will research current industry trends to create and construct a portfolio documenting individual projects from concept to completion. Students will discuss and integrate goals and career paths into the projects. The student is required to provide his or her sewing supplies.
Prerequisite: Successful completion of Fashion Construction II
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Fashion Merchandising – H4555
Fashion Merchandising teaches the concepts of entry-level business and fashion fundamentals. Topics include the business functions of the fashion industry, including basic fashion concepts and marketing terminology, careers in the clothing and textile industry, fashion cycles and the history of fashion. Students will also examine trending textiles, designers, the design process, and visual merchandising. There will be no clothing construction in this course.
Prerequisite: None
Open to: 9, 10, 11, 12

Credit – 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Foods I – H4500
Foods I provides an opportunity for students with little or no prior food preparation experience. Students can take this class on its own or as part of a four course sequence. Through academic and hands-on learning experiences, students will develop basic food preparation skills. Students examine various food preparation principles and techniques while making a variety of foods. The course emphasizes training in safety and sanitation, culinary techniques, and the importance of communication and teamwork.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Foods II – H4510
Foods II builds on the food safety and sanitation skills learned in Foods I to focus on more advanced cooking techniques. Students will participate in hands-on labs and kitchen experiences. This course applies prior knowledge to plan and prepare a wide variety of dishes. While food preparation techniques are reinforced, individual creativity with food is stressed through many diverse experiences, including culinary competitions. This course is a prerequisite for Baking and Pastry or International Foods.
Prerequisite: Successful completion of Foods I OR Foods II teacher approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Human Relations – H4610
Human Relations is designed to help the student understand his or her role within the family and society. Units of study include family structures, relationships with families, partners, and friends, dating issues, sexuality, love, preparation for marriage and methods for dealing with family crises. The course includes presentations by professional guest speakers.
Prerequisite: None
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Independent Study in Family and Consumer Sciences – H4645
Independent study in family and consumer sciences offers students the opportunity for specialized research not covered in a course offering, by an action project. Students work with a faculty advisor to develop a learning contract, which specifies the content and objectives of the study as well as the requirements and procedures for evaluation.
***Prerequisite:* Successful completion of .5 credit in FACS, Application Process**
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Interior Design – H4600
Interior Design explores the various dimensions of selecting, planning, designing and furnishing the places we inhabit. Creative projects will showcase the student's own artistic expression whether his or her interest lies in design, architecture, engineering or graphic design. Elements and principles of design and color will be studied as they apply to interiors and housing. The student will evaluate and draw computer aided floor plans and create virtual design boards to illustrate the furnishings, finishes, and layout for unique project situations.
Prerequisite: None
Open to: 9, 10, 11, 12

Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

International Foods – H4520
International Foods is designed to give students a better understanding and appreciation of countries and cultures of the world through the study of traditional foods and meal habits of each. Each country's history, geography, climate, religion and ethnic make-up will be studied. Students will study food preparation skills and techniques unique to each country through kitchen laboratory experiences and gain an appreciation of cultural differences. Students interested in the study of cultures will benefit from this course.
Prerequisite: Successful completion of Foods II or teacher approval
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)
Career Path: Human Services

Mathematics Offerings by grade level (for student consideration)
The Math Department of the Mehlville School District realizes that each student learns in his or her own, unique way. Therefore, a crossover curriculum has been established that allows a student to move from one level to another. Placement based on the student's educational needs will be determined after consultation and consensus by interested parties (the student, families, teacher, and counselor).
*Students aiming to take more advanced math courses in their junior or senior year may take Geometry and Algebra II concurrently.

9th Grade	10th Grade	11th Grade	Elective Courses
Honors Geometry (Y)	Honors Algebra II (Y)	College Algebra (Y) Pre-Calculus (Y) Advanced Placement Statistics (Y)	Probability and Statistics (Y) Advanced Placement Calculus (Y) Advanced Placement Statistics (Y)
Geometry (Y) Geometry Flex - *MHS only see p6* Geometry in Construction: Geometry (Y)	Algebra II (Y) Honors Algebra II	College Algebra (Y) Pre-Calculus (Y)	Probability and Statistics (Y) Advanced Placement Statistics (Y) Advanced Placement Calculus (Y)
Algebra I (Y) Algebra IA/Algebra IB (Y) Algebra I Flex - *MHS only* AMPED Algebra I (Y)	Geometry(Y) Geometry in Construction: Geometry (Y) Honors Geometry (Y) Probability and Statistics Flex (Y) - *MHS only*	Algebra II (Y) Honors Algebra II (Y) Probability and Statistics (Y)	College Algebra (Y) Pre-Calculus (Y) Advanced Placement Statistics College Prep Mathematics (Y)
Pre-Algebra (Y) Pre-Algebra Flex (Y) - *MHS only see p6*	Algebra IA/Algebra IB (Y) Algebra I (Y) AMPED Algebra I (Y)	Geometry (Y) Geometry in Construction: Geometry (Y)	Algebra II (Y) Geometry (Y) Geometry in Construction: Geometry (Y)

S = Semester, Y = Year

Algebra Courses:

Pre-Algebra – H2000
This course gives the student the opportunity to strengthen skills using the basic operations of addition, subtraction, multiplication, and division of whole numbers, decimals, fractions, and real numbers. Students will build their knowledge of measurement, percent, operations with integers, and graphing. A focus on developing problem-solving skills and number sense to build a foundation for Algebra I.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Math)

Algebra I – H2100
This course will develop logical mathematical thought through the use of variables, algebraic properties and their connection to real world situations. The course will primarily explore solving and graphing equations and inequalities of functions. Algebra skills will be developed to support these investigations. Patterns, probabilities, statistics, number sense and relationships to real world situations will also be incorporated throughout the course. Additional perspectives and activities will be investigated to gain understanding of the topics in Algebra I. Before taking the course the student should have mastered integer operations, rational number operations, order of operations and solving one-step and two-step equations on one variable.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Math)

Algebra IA – 2090 /Algebra IB – H2095
This course will develop logical mathematical thought through the use of variables, algebraic properties and their connection to real world situations with additional time built in to ensure mastery. The course will primarily explore solving and graphing

equations and inequalities of functions. Algebra skills will be developed to support these investigations. Patterns, probabilities, statistics, number sense and relationships to real world situations will also be incorporated throughout the course. Additional perspectives and activities will be investigated to gain understanding of the topics in Algebra I. Before taking the course the student should have mastered integer operations, rational number operations, order of operations and solving one-step and two-step equations on one variable.

Prerequisite: None

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Math)
1 Unit – Two Semesters (Elective)

The student must be enrolled in both Algebra IA/Algebra IB concurrently and will receive the same grade for both Algebra IA/Algebra IB. The successful completion of this course will give the student one unit of math credit towards his/her state required three units needed for high school graduation.

AMPED Algebra I – H2801

This course is one part of the combined AMPED (Algebra in Manufacturing, Production, Entrepreneurship and Design) Business Processes course. The course engages the student in extending the mathematics they learned in their earlier grades in an authentic business setting. The student will explore and apply functions, compare their key characteristics, and translate between graphical, numerical, and symbolic representations of them. They will create and solve equations and inequalities, systems of equations involving linear and quadratic expressions, extend the laws of exponents to rational exponents and compare/contrast linear and exponential functions. The student will use regression techniques to describe linear relationships between quantities and use technology as an instructional tool throughout the course as they explore and make sense of problems in a real-world context. The contextual learning experience combines all Algebra I standards and Business Entrepreneurship standards through relevant and interactive, career-centered projects. The student will be enrolled in two courses and receive both an Algebra I and a Practical Art credit.

Prerequisite: Current Teacher Approval – Concurrent enrollment in AMPED Business Processes

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Math)

Algebra II – H2295

In this course, the Algebra I concepts are extended and enriched. Topics studied include graphing, analyzing and interpreting functions including polynomial, rational, and exponential functions; systems of linear equations and inequalities; exponents, matrices and radicals. Computer software may be used when appropriate to enhance instruction. Calculators will be used when appropriate.

Prerequisite: Any Algebra I course AND any Geometry course

Open to: 10, 11, 12 (Required)

Credit: 1 Unit – Two Semesters (Math)

Honors Algebra II – H2315

This honors level course is designed to clarify and extend algebraic procedures. Topics studied include graphing, analyzing and interpreting functions including polynomial, rational, radical, logarithmic and exponential; systems of linear equations and inequalities, exponents, matrices, and probability and statistics. The student will have the opportunity to pursue Algebra II topics more deeply and extend their thinking through more rigorous and collaborative mathematics concepts and projects. Graphing calculators may be used when appropriate to enhance instruction.

Prerequisite: Any Algebra I course AND any Geometry course

Open to: 10, 11, 12

Credit: 1 Unit – Two Semesters (Math)

College Algebra – H2400W – grade weighted course

This course brings together and organizes the arithmetic, algebraic, and geometric concepts studied throughout the student's educational career. Emphasis will be placed on graphing different types of functions and conics. Dual credit offered. See page 9 for more information on Dual Credit fees.
Prerequisite: Algebra II and Geometry
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Math)
Weighted: 0.75

Geometry Courses:

Geometry – H2195
The Geometry student will think critically to analyze situations involving geometric figures. Analyzing the situations will require perseverance in order to discover these geometric relationships and apply logical reasoning to draw valid conclusions. The student will evaluate the reasonableness of their findings and produce logical arguments to support their conclusion. Calculators will be used when appropriate**.**
Prerequisite: Any Algebra I course
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Math)

Geometry in Construction: Geometry – H2230
NOTE: The student must also be concurrently enrolled in Geometry in Construction: Construction course.
This course is one part of the combined Geometry in Construction course. The student is engaged in exploring complex geometric situations and deepening their understanding of geometric relationships in the context of a construction project. They will prove theorems and solve problems about triangles, quadrilaterals, and other polygons; establish triangle congruence criteria based on analyses of rigid motions and formal constructions; apply similarity in right triangles to understand right triangle trigonometry; and use a rectangular coordinate system to verify geometric relationships. They will extend their knowledge of two-dimensional and three-dimensional objects to include informal explanations of circumference, area and volume formulas and consider the shapes of cross-sections. The student will prove basic theorems about circles, and create and graph the equation of a circle. They will use the languages of set theory to expand their ability to compute and interpret theoretical and experimental probabilities. This contextual learning experience allows the student to see a variety of geometry concepts used in a real-world setting. The student will be enrolled in two courses and receive both a Geometry and a practical arts credit.
Prerequisite: Any Algebra I Course; Concurrent enrollment in Geometry in Construction: Construction
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters (Math)

Honors Geometry – H2220
The Honors geometry student will think critically to analyze situations involving geometric figures. Analyzing the situations will require perseverance in order to discover these geometric relationships and apply logical reasoning to draw valid conclusions. The student will evaluate the reasonableness of their findings and produce logical arguments to support their conclusion. The student will also design their own proofs and justify their rationale. The student will have the opportunity to pursue Geometry topics more deeply and extend their thinking through more rigorous mathematics concepts and projects. Calculators will be used when appropriate.
Prerequisite: Any Algebra I Course
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Math)

Mathematics Elective Courses:

Advanced Placement Calculus – H2411W – grade weighted course
This course includes the study and application of continuity, limits, derivatives, the definite integral, techniques of integration and plane analytical geometry. Each student is required to have a scientific calculator (TI-84+ recommended). Dual Credit and Advanced Placement credit offered. See page 9 for more information about Dual Credit and Advanced Placement fees.
Prerequisite: Successful completion of Pre-Calculus is required. Students should be proficient in applying algebraic operations to manipulate algebraic and trigonometric expressions, solving algebraic and trigonometric equations, analyzing algebraic and trigonometric functions, and applying geometric relationships to solve problems.
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Math)
Weighted: 1.0

Advanced Placement Statistics – H2365W - grade weighted course
This course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four main themes for the course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Each student is required to have a scientific calculator (TI-84+ recommended). Dual Credit (MHS only) and Advanced Placement credit offered. See page 9 for more information for more about Advanced Placement fees.
Prerequisite: Students who are successful in AP Statistics must be strong, independent readers and organized writers. Students must be motivated and able to complete college-level course work. Students must have in-depth understanding of Algebra II content including Radical Expressions, Linear Functions, and Logarithmic functions.
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Math)
Weighted 1.0

Cadet Teaching – Mathematics – H2420
This course gives the student the opportunity to participate in many activities that will both familiarize them with the teaching process as well as strengthen their own math skills. The student will develop the leadership and organizational skills needed in any working environment.
Prerequisite: Application approval
Open to: 12
Credit: 1 Unit – Two Semesters (elective)

College Prep Mathematics – H2382
This algebra course is designed as a bridge between Algebra II/Geometry and College Algebra. It is for the student who will continue to College Algebra or is college-bound. It includes new topics and applications of the Algebra II course. Topics include functions, inverses, matrices, trigonometry, quadratics, radicals and rational expressions, exponents, and logarithms. Calculators will be used when appropriate. This course is a developmental college credit course through St. Louis Community College. The student who earns a grade of "C" or higher in this course will be eligible to earn 3 hours of credit for MTH 140 at St. Louis Community College, allowing him/her to move directly into PreCalc Algebra (Formerly College Algebra). The student taking this course will not receive any additional increase to their GPA for this course.
Prerequisite: Any Algebra II and Geometry
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Math)

Pre-Calculus – H2405W - grade weighted course

This course brings together and organizes the arithmetic, algebraic, geometric and trigonometric concepts studied throughout the student's educational career. Emphasis will be placed on graphs of functions, solving equations and their applications, and trigonometric identities. Dual credit offered. See page 9 for more information on Dual Credit fees.

Prerequisite: Algebra II and Geometry

Open to: 11, 12

Credit: 1 Unit – Two Semesters (Math)

Weighted: 1.0

Probability and Statistics – H2350

This course will build on the foundation of statistics and probability from Algebra courses. Throughout the year, the student will strengthen the use of descriptive statistics and begin building understanding and application of inferential branches of statistics and applications of probability. The student will analyze univariate and bivariate data by using measures of central tendency, measures of variation, linear regression, and the relationship to the normal distribution. The student will make inferences about one and two sample data using confidence intervals and hypothesis tests. The student will study probability, probability distributions, combinations, and permutations, odds, and mathematical expectation. Each student is required to have a scientific calculator (TI-84 recommended).

Prerequisite: Successful completion of Algebra I and Geometry

Open to: 11, 12

Credit: 1 Unit – Two Semesters (Math)

Music Offerings by grade level (for student consideration)

Music Appreciation			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Music Appreciation MHS (S)(Y) Music Appreciation OHS (S)	Music Appreciation MHS (S)(Y) Music Appreciation OHS (S)	Music Appreciation MHS (S)(Y) Music Appreciation OHS (S)	Music Appreciation MHS (S)(Y) Music Appreciation OHS (S)
Ensembles			
Treble Chorus (S)(Y)	Treble Chorus (S)(Y)	Treble Chorus (S)(Y)	Treble Chorus (S)(Y)
Tenor/Bass Chorus (S)(Y)	Tenor/Bass Chorus (S)(Y)	Tenor/Bass Chorus (S)(Y)	Tenor/Bass Chorus (S)(Y)
Concert Chorale - *MHS only* (Y)	Concert Chorale - *MHS only* (Y)	Concert Chorale - *MHS only* (Y)	Concert Chorale - *MHS only* (Y)
Concert Choir Treble (Y)	Concert Choir Treble (Y)	Concert Choir Treble (Y)	Concert Choir Treble (Y)
Intermediate Tenor/Bass Choir (Y)	Intermediate Tenor/Bass Choir (Y)	Intermediate Tenor/Bass Choir (Y)	Intermediate Tenor/Bass Choir (Y)
Treble Concert Choir (Y)	Treble Concert Choir (Y)	Treble Concert Choir (Y)	Treble Concert Choir (Y)
Concert Choir Mixed (Y)	Concert Choir Mixed (Y)	Concert Choir Mixed (Y)	Concert Choir Mixed (Y)
Madrigal/Chamber Choir (Y)	Madrigal/Chamber Choir (Y)	Madrigal/Chamber Choir (Y)	Madrigal/Chamber Choir (Y)
Musical Theatre			
		The Stage (S) Musical Theatre (S)	The Stage (S) Musical Theatre (S)
AP Music Theory			
		AP Music Theory (Y)	AP Music Theory (Y)
Advanced Studies in Music			
			Cadet Teaching - Music (Y)
			Independent Study - Music (S)(Y)
			MyPath (S)(Y)
Instrumental Music			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Beginning Band (Y) **OR** Concert Band (Y) **OR** Honor Band (Y)	Beginning Band (Y) **OR** Concert Band (Y) **OR** Honor Band (Y)	Beginning Band (Y) **OR** Concert Band (Y) **OR** Honor Band (Y)	Beginning Band (Y) **OR** Concert Band (Y) **OR** Honor Band (Y)
Jazz Band (Y)	Jazz Band (Y)	Jazz Band (Y)	Jazz Band (Y)
String Orchestra (Y)	String Orchestra (Y)	String Orchestra (Y)	String Orchestra (Y)
S = Semester, Y = Year			Independent Study - Music (Y)

Advanced Placement Music Theory – H7208W – grade weighted course

The ultimate goal of an Advanced Placement Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and the processes of music that are heard and presented in a score. This course is designed to develop musical skills that will lead to a thorough understanding of musical composition and theory. This course is designed for the college-bound music student or any student who has a desire to increase their technical knowledge of music and an interest in composing original musical works. See page 9 for more information for more about Advanced Placement fees.
Prerequisite: Students who are successful in AP Music Theory enter the course with the ability to read musical notation (basic note reading and rhythmic durations) and possess basic voice or instrument performance skills. Students must have successfully completed a previous high school musical performance course prior to AP Music Theory.
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Fine Arts)
Weighted: 1.0

Beginning Band – H7300
Beginning Band is for the student who wishes to learn to play an instrument with an aesthetically pleasing sound. No previous musical experience is necessary. This class addresses the gradual development of technical skills and good care of the band instrument, which eventually leads to the performance of simple band literature. Through the literature presented, the student will develop a basic knowledge of historical band styles.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Fine Arts)

Cadet Teaching – Music – H7132
This course gives the student the opportunity to participate in many activities that will both familiarize them with the teaching process as well as strengthen the musical skills they already possess. The student will develop the leadership and organizational skills needed in any professional working environment
Prerequisite: Application Approval
Open to: 12
Credit: 1 Unit – Two Semesters (elective)

Chamber/Madrigal Choir – H7250
Chamber/Madrigal Singers is an auditioned performing ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature specifically written for mixed voices. Audition placement based on established criteria. The student studies advanced vocal technique, music literacy, and practices performance skills with an emphasis on small ensemble music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in concerts, choral festivals, competitions, and performances in the community for civic organizations. There is a uniform requirement for the members of this ensemble.
Prerequisite: Audition placement based on established criteria
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Fine Arts)

Concert Band – H7310
Concert Band is for the student who wishes to continue their fundamental understanding of how to play an instrument with an aesthetically pleasing sound. Previous experience is recommended. This class addresses the further development of technical skills and good care of the band instrument, which eventually leads to the performance of basic to intermediate instrumental literature. Through the literature presented, the student will cultivate a foundational knowledge of historical, social, and cultural musical styles.
Prerequisite: Middle School Band Enrollment or Private Lesson Instruction
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Fine Arts)

Concert Choir Mixed – H7240

Concert Choir Mixed is an auditioned performing ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature specifically written for mixed voices. Audition placement based on established criteria. The student studies advanced vocal technique, music literacy, and practices performance skills with an emphasis on large ensemble music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in concerts, choral festivals, competitions, and performances in the community for civic organizations. There is a uniform requirement for the members of this ensemble.

Prerequisite: Audition placement based on established criteria

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Concert Choir Treble – H7230

Concert Choir Treble is an auditioned performing ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature specifically written for treble voices. Audition placement based on established criteria. The student is introduced to advanced vocal technique, unison to 3 part treble choral pieces, music literacy, and practices performance skills with an emphasis on Treble ensemble music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in concerts, choral festivals, competitions, and performances in the community for civic organizations. There is a uniform requirement for the members of this ensemble.

Prerequisite: Audition placement based on established criteria

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Concert Chorale – H7235 (MHS only)

Concert Chorale is a non-auditioned ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature. The student studies basic vocal technique, beginning to intermediate choral literature, basic music literacy, and practices performance skills using music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in various performance opportunities. There is a uniform requirement.

Prerequisite: None

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Honor Band – H7320

The Honor Band continues the development of technique and knowledge learned in previous instrumental music courses. This class is intended to provide the student with advanced instrumental training in technical skills, stylistic interpretation and artistic performance. Through the performance of musical literature, the student will learn wind literature history, aesthetics, technical skills, and critical analysis. It is the school's performance band that plays at various functions within the district, community, and venues outside of the state throughout the year.

Prerequisite: Audition placement based on established criteria

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Independent Study – Music – H7350

This course is designed for the advanced student possessing a high degree of independence and responsibility. Selected projects and/or programs must be worked out by the student, instructor and department chairperson prior to approval, followed with approval by chairperson and principal.

Prerequisite: Permission of instructor

Open to: 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Intermediate Tenor/Bass Choir – H7205

Intermediate Tenor/Bass Choir is an auditioned performing ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature specifically written for Tenor/Bass voices. Audition placement based on established criteria. The student studies intermediate vocal technique, unison to 3 part Tenor/Bass choral pieces, music literacy, and practices performance skills with an emphasis on Treble ensemble music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in concerts, choral festivals, competitions, and performances in the community for civic organizations. There is a uniform requirement for the members of this ensemble.

Prerequisite: Audition placement based on established criteria

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Jazz Band – H7330

The Jazz Band continues the development of technique and knowledge learned in previous instrumental music courses. This class is intended to provide the student with advanced instrumental training in technical skills, stylistic interpretation, musical improvisation, and artistic performance. Through the performance of musical literature, the student will learn wind literature history, aesthetics, technical skills, and critical analysis. It is one of the school's performance bands that plays at various functions throughout the year.

Prerequisite: Audition placement based on established criteria and/or enrollment in another musical performance class that must be done during the same semester that this class is taken

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Music Appreciation – H7200 (MHS) - H7200S (OHS)

This course is a nonperformance-oriented class, designated to provide the student with information and experiences that will deepen their understanding and appreciation of all types of music. The fundamentals, elements, history, aesthetics, and critical analysis of music will be presented and discussed through the mediums of recordings, videos, films, class activities, and lectures.

Prerequisite: None

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts) - MHS

1/2 Unit – One Semester (Fine Arts) - OHS

Musical Theatre – H7190

Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire.

Prerequisite: Advanced Acting or Auditioned Choir. Placement based on established criteria.

Open to: 11, 12

Credit: 1/2 Unit – One Semester (Fine Arts)

String Orchestra – H7340

High School String Orchestra classes work to develop musicians who will be able to perform in ensembles beyond the school setting. This course will continue to emphasize learning to play with steady pulse, note reading, rhythm reading, bowing techniques, shifting, expressive musical terms, intonation, and learning to play in an ensemble. Emphasis will continue to reinforce the fundamentals of good posture and playing skills.

Prerequisite: Student must be able to read music on a stringed instrument (violin/viola/cello/bass) and obtain instructor approval prior to enrolling in the class

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (Fine Arts)

Tenor/Bass Chorus - H7210S (MHS) - H7210 (OHS)
Tenor/Bass Chorus is a non-auditioned ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature. The student studies basic vocal technique, beginning to intermediate choral literature, basic music literacy, and practices performance skills using music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in various performance opportunities. There is no uniform requirement.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts) - MHS
1/2 Unit – Two Semesters (Fine Arts) - OHS

Treble Chorus - H7220S (MHS) - H7220 (OHS)
Treble Chorus is a non-auditioned ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature. The student studies basic vocal technique, beginning to intermediate choral literature, basic music literacy, and practices performance skills using music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in various performance opportunities. There is no uniform requirement.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts) - MHS
1/2 Unit – Two Semesters (Fine Arts) - OHS

Treble Chamber Choir – H7260
Treble Chamber Choir is an auditioned performing ensemble that provides an aesthetic choral experience for the student who is interested in studying choral literature specifically written for treble voices. Audition placement based on established criteria. The student studies intermediate vocal technique, 2-4 part treble choral music, music literacy, and practices performance skills with an emphasis on Treble ensemble music from various historical periods. Through observing and listening to others, the student will develop their analytical and critical thinking skills. This choir participates in concerts, choral festivals, competitions, and performances in the community for civic organizations. There is a uniform requirement for the members of this ensemble.
Prerequisite: Audition placement based on established criteria
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Fine Arts)

Physical Education, Health and Family Education Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**Elective Courses**
9th Grade Physical Education (S)	Adventure and Outdoor Pursuits (S)	Adventure and Outdoor Pursuits (S)	Adventure and Outdoor Pursuits (S)
Health and Family Education (S)	Health and Family Education (S)	Health and Family Education (S)	Health and Family Education (S)
	Basic Aquatics (S)	Basic Aquatics (S)	Basic Aquatics (S)
	Advanced Aquatics (S)	Advanced Aquatics (S)	Advanced Aquatics (S)
	Athletic Conditioning (S)	Athletic Conditioning (S)	Athletic Conditioning (S)
	Independent Study - Physical Education (S)	Independent Study - Physical Education (S)	Cadet Teaching (S)
	Lifetime Sports and Fitness (S)	Lifetime Sports and Fitness (S)	Independent Study - Physical Education (S)
	Path to 5K/10K (S)	Path to 5K/10K (S)	Lifetime Sports and Fitness (S)
	Personal Fitness for Life (S)	Personal Fitness for Life (S)	Path to 5K/10K (S)
	Sports Medicine and Athletic Training (S)	Sports Medicine and Athletic Training (S)	Personal Fitness for Life (S)
	Strength and Conditioning for Boys (S)	Strength and Conditioning for Boys (S)	Sports Medicine and Athletic Training (S)
	Strength and Conditioning for Girls (S)	Strength and Conditioning for Girls (S)	Strength and Conditioning for Boys (S)
	Team Sports/Fitness (S)	Team Sports/Fitness (S)	Strength and Conditioning for Girls (S)
			Team Sports/Fitness (S)

S = Semester, Y = Year

9th Grade Physical Education – H8003
This course is for incoming students into high school. Students will learn concepts and principles of physical fitness, sports, and wellness through lessons and accompanying activities that will prepare them for life-long personal fitness and future physical education courses. Students will participate in activities designed to increase their likelihood of exercising in the future. Students will understand the benefits that regular exercise can provide for a person's mental, physical, and social health.
Prerequisite: None
Open to: 9
Credit: 1/2 Unit – One Semester (PE)

Advanced Aquatics – H8065
Advanced Aquatics is designed for students who have already mastered basic aquatic skills to improve individual fitness through knowledge and performance of aquatic skills. Students in Advanced will learn butterfly and breaststroke, as well as focusing on advanced water safety and rescue skills. Emphasis will be on safety and skills to promote swimming as a lifetime recreational pursuit. Students in Advanced Aquatics may have the opportunity to earn lifeguard certification.
Prerequisite: Successful completion of Beginning Aquatics or teacher approval
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Adventure and Outdoor Pursuits – H8056
This course is designed for students who like to be active in the nature setting, and enjoy being part of the great outdoors, such as hiking, paddling, fishing, and outdoor survival. Students will learn how to maintain a healthy lifestyle while engaging in different outdoor activities ranging from the classroom to off campus field trips. Students will have the option to purchase a Missouri Hunting and Fishing license. There is a limited student enrollment in this course.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Athletic Conditioning – H8037
This high-intensity course is designed for the student who wants to develop an advanced level of fitness and training knowledge. The relationship between proper nutrition and advanced performance will be emphasized. Dynamic movements, advanced lifting techniques, and cutting-edge agility training are the focus of this course.
Prerequisite: Application process
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Basic Aquatics – H8060
Basic Aquatics is designed to address the needs of those students identified as non-swimmers or beginning level swimmers. Emphasis will be on safety and basic swimming skills to promote swimming as a lifetime recreational pursuit.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Cadet Teaching – Physical Education – H8045
Cadet Teaching gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process as well as strengthening his/her own Physical Education skills. The student will help prepare lessons, tests and activity experiences. The cadet teacher will also assist small groups of students.
Prerequisite: Application Approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)

Health and Family Education – H8050
The high school Health curriculum is designed to provide students with the knowledge and skills to make decisions which will affect their health and well-being. Topics covered in the course include Nutrition Principles and Practices, Life Management and Risk Avoidance Skills, Disease Prevention, First Aid and CPR, Substance Abuse, Personal Fitness and Wellness, and Sexual Health.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: ½ Unit – One Semester

Independent Study-Physical Education – H8075
This course is designed for the fitness enthusiast who desires to further expand their knowledge beyond the currently offered curriculum. Students can expect to develop individualized Physical Education goals and execute the necessary plans to achieve them.
Prerequisite: Successful completion of .5 credit of PE and application process
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Lifetime Sports and Fitness – H8030
The Lifetime Sports and Fitness class will provide emphasis on recreational and individual sports which have carry-over value for leisure later in life. Students will also participate in daily fitness activities as well as fitness testing.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Path to 5K/10K – H8070
Students from a beginning level of fitness to seasoned runners will train to complete a 5K (3.1 miles) or longer race based on a personal goal by the end of the semester.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Personal Fitness for Life – H8040
This course is designed to improve fitness levels in a noncompetitive environment while participating in a variety of fitness activities. Students develop and participate in a fitness program designed to reach their individual fitness goals.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Sports Medicine and Athletic Training – H8055
Sports Medicine and Athletic Training is designed for the student interested in a career in sports medicine and related fields. Students will evaluate sports injuries, prevention, treatment, and rehabilitation; learn first aid, CPR, and emergency procedures; identify medical terminology.
Prerequisite: Successful completion of Health and Family Education
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (elective)

Strength and Conditioning (Boys) – H8013
This course is designed for the student who is interested in learning the fundamentals of strength training and conditioning. Weight training, cardiovascular fitness, and safety are the areas of emphasis.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Strength and Conditioning (Girls) – H8015
This course is designed for the student who is interested in learning the fundamentals of strength training and conditioning. Weight training, cardiovascular fitness, and safety are the areas of emphasis.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

Team Sports/Fitness – H8023
Students in Team Sports develop game skills and physical fitness through game play. They work and communicate collaboratively in both competitive and noncompetitive situations. The goal of Team Sports is to develop fitness in a fun, engaging, athletic environment.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (PE)

St. Louis Center for Advanced Professional Studies (STL CAPS)

Advanced Professional Studies - Engineering & Technology Design and Development - HCAPS06

The St. Louis CAPS Advanced Professional Studies - Engineering & Technology Design and Development course strand will immerse students into the current problem-solving approaches, project management systems, and technology platforms utilized by professionals in a dynamic, business-like setting. Students will develop their skills and apply their learning through scalable projects that require students to work in multidisciplinary collaborative teams to develop solutions to complex problems and communicate results with each other and, when applicable, business & industry partners. The course is designed for students who are interested in careers in engineering, robotics, manufacturing fundamentals, entrepreneurship, innovation, software development (coding), information technology, and cybersecurity. Students will have the opportunity to collaborate with students from our partner high schools, build a network of professional mentors, gain invaluable experiences through site visits to local businesses, and develop a professional portfolio that illustrates their creative talent.

Prerequisite: None; however, previous participation in PLTW Engineering/Computer Science courses are recommended. The student must submit an application to be considered for the program.

Open to: 11, 12

Credit: 3 Units - Two semesters

Advanced Professional Studies – Global Business and Entrepreneurship – HCAPS01

This course provides the student the ability to truly step outside the traditional classroom for a fast-paced and unique experience. The projects the student completes come directly from business partners and are designed to give the high school student hands-on, real world experience in global business and entrepreneurship. The student is fully immersed in a profession-based learning approach. The student is able to gain experience working with real businesses, assisting and learning through meaningful projects, and working in a variety of fields, including Human Relations, Entrepreneurship, Global Business, Sales, Promotion, Event Planning, Fashion Marketing, Sports and Entertainment Marketing, Finance, Agriculture, Hotel Lodging and Restaurant Management, just to name a few. In addition to being a part of real businesses, the student is also paired with mentors out in the field – individuals who are working each day in these professions. Business partners have included mentors and projects from MasterCard, Boeing and goBRANDgo. In addition to important profession-based learning skills the student acquires, they also gain 21st century skills such as problem solving, time and project management skills, business ethics and self-discipline. Along with earning high school credit, the student in the CAPS program will have opportunities to earn college credit. The student will also have the opportunity to participate in DECA (Association of Marketing Students) and FBLA (Future Business Leaders of America). The student must apply for acceptance into the STL CAPS program.

Prerequisite: The student must complete at least 0.5 credits of any business or marketing course and submit an application to be considered for the program.

Open to: 11, 12

Credit: 3 Units – Two Semesters

Advanced Professional Studies – Medicine, Healthcare and Bioscience – HCAPS03

The Medicine, Healthcare and Bioscience course provides unprecedented access to real world experiences in the dynamic field of medicine and healthcare. Alongside some of the region's most experienced medical professionals, the student will advance their understanding of human physiology, disease process, medical terminology, patient care, professionalism and ethics, and provide an exploration of many career opportunities in healthcare. In the classroom, the student will expand upon principles of human physiology through in-depth case studies of body systems, develop fluency in basic medical language, formulate treatment plans for patients, practice physical assessment skills, and perform patient care and life-saving procedures within a high-fidelity simulation lab. These activities are designed to enhance student analysis and problem solving skills. The student also self-selects a focused CAPStone project for the semester, connecting to mentors in their area of interest to develop a project that is real, relevant, and of service to the community. Representing a wide spectrum of healthcare careers, expert guest speakers provide advanced instruction in the medical specialties of anesthesia, cardiology, dermatology, obstetrics, oncology, orthopedics, nephrology, internal medicine, family practice, general surgery, and much more. Outside the classroom, learning experiences will involve numerous site visits to a variety of medical and healthcare facilities exposing students to a variety of medical professions, medical research and innovative advancements. The student will work extensively with professionals from St. Anthony's Medical Center, Barnes-Jewish, and Saint Louis University. The student has the opportunity to complete the PLTW capstone course requirements as part of the CAPS experience. The student will also have the opportunity to complete an internship with a business and industry partner. College credit is available.

Prerequisite: The student must submit an application to be considered for the program.

Open to: 11, 12

Credit: 3 Units – Two semesters

Advanced Professional Studies - Teaching Careers in Education – HCAPS05

This collaborative teaching program helps prepare secondary students for careers in education and training, through an immersive classroom experience. Advanced Professional Studies - Teaching Careers in Education focuses on general theory and practice of teaching and learning, the principles of educational psychology, the planning and implementation of educational activities, and school safety and health. The course combines a focus on teaching methods with time spent in the classroom working directly with students. Students also have the opportunity to interact with education professionals and participate in student education organizations and competitions.

Prerequisite: Application process

Open to: 11, 12

Credit: 3 Units - Two semesters

Science Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**Elective Courses**
Applied Science (Y)	Biology Concepts (Y) Biology (Y)	Earth Science (Y) Earth Science Concepts (Y) Physical Science (Y) Physical Science Concepts (Y)	Electives (S)
Biology Concepts (Y)	Earth Science (Y) Earth Science Concepts (Y) Physical Science (Y) Physical science concepts (Y)	Earth Science (Y) Earth Science Concepts (Y) Physical Science (Y) Physical Science Concepts (Y) Electives (S)	Electives (S)
Biology (Y)	Earth Science (Y) Physical Science (Y) Chemistry (Y) Honors Chemistry (Y) Physics (Y)	Earth Science (Y) Physical Science (Y) Chemistry (Y) Honors Chemistry (Y) Physics (Y) Electives (S) AP courses (Y)	Electives (S) AP courses (Y)
Honors Biology (Y)	Earth Science (Y) Physical Science (Y) Chemistry (Y) Honors Chemistry (Y) Physics (Y)	Earth Science (Y) Physical Science (Y) Chemistry (Y) Honors Chemistry (Y) Physics (Y) Electives (S) AP courses (Y)	Electives (S) AP courses (Y)

S = Semester, Y = Year

Electives: Astronomy (S), Anatomy and Physiology (Y), Botany (S), Cadet Teaching (S), Ecology (S), Field Methods (S), Forensics (S), Fossils and the Story of Ancient Life (S),Geology (S), Independent Study (Y), Meteorology (S), Zoology (S)

AP Courses: Advanced Placement Biology (Y), *Advanced Placement Chemistry (Y), Advanced Placement Environmental Science (Y), Advanced Placement Physics I (Y), *Advanced Placement Physics II (Y), *College General Chemistry I (Y), *College General Chemistry II (Y)

*Please refer to the detailed course descriptions for course locations.

Advanced Placement Biology – H3235W – grade weighted course
This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Topics covered include an in-depth study of molecules, cells, heredity, evolution, organisms, and populations. The two main goals are to help the student develop a conceptual framework for modern biology and to help them gain an appreciation of science as a process. Advanced Placement and Dual Credit offered. See page 9 for more information on Advanced Placement and Dual Credit fees.
Prerequisite: Students interested in taking AP Biology must have successfully completed high school Biology and high school Chemistry. Students should be able to read and comprehend college level text, take independent notes, follow multi-step procedures, and keep up with a rigorous level of coursework. Students should have a strong understanding of the following: All topics covered in high school biology, chemical bonds and reactions, enzyme structure and function, and molecular structure and function of all other biomolecules.
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

Advanced Placement Chemistry (OHS only) - H3281W – grade weighted course
This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Advanced Placement and Dual Credit offered. See page 9 for more information about Advanced Placement and Dual Credit fees.
Prerequisite: Students interested in taking AP Chemistry must have successfully completed high school chemistry and Algebra II. Students should be able to read and comprehend college level text, take independent notes, follow multi-step procedures, and keep up with a rigorous level of coursework. Students should have a strong understanding of the following: writing formulas, balancing reactions, naming chemical compounds and using significant figures; performing stoichiometry problems and applying them to chemical reactions, creating diagrams to explain why microscopic structure influences macroscopic behavior.
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

Advanced Placement Environmental Science - H3227W – grade weighted course
This course requires students to identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.
Prerequisite: Successful completion of Biology, Chemistry, Algebra I
Open to: 11, 12
Credit: 1 Unit - Two Semesters
Weighted: 1.0

Advanced Placement Physics I – H3270W – grade weighted course
This course is the equivalent of a general physics course typically taken the first semester of the freshman year in college. It provides an introduction to the main principles of physics and emphasizes the development of problem-solving ability. Topics covered are mechanics, thermodynamics, introduction to electric circuits and mechanical waves and sound. Advanced Placement and Dual Credit (OHS only) offered. See page 9 for more information on Advanced Placement and Dual Credit fees.
Prerequisite: Students interested in taking AP Physics must have successfully completed high school geometry and be concurrently enrolled in Algebra II. Students should be able to read and comprehend college level text, take independent notes, follow multi-step procedures, and keep up with a rigorous level of coursework. Students should have a strong understanding of the following: Performing algebraic manipulations of mathematical equations; Trigonometry focusing on the use of sine, cosine and tangent; Creating a graph using data and interpreting said graph using tools such as slope and area.
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

Advanced Placement Physics II - H3271W (OHS only) – grade weighed course
Students will expand their understanding of physics as they explore topics such as fluids; thermodynamics; electric force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. They will do hands-on and inquiry-based in-class activities and laboratory work to investigate phenomena.
Prerequisite: AP Physics or Physics
Open to: 11, 12
Credit: 1 Unit - Two Semesters
Weighted: 1.0

Anatomy and Physiology – H3241W (MHS) - H3241 (OHS) – grade weighted course (mhs only)
Anatomy and Physiology is a course designed to introduce the student to the most amazing machine they will ever own; the human body. This course is outlined to give them an overview of the eleven body systems including medical history, medical vocabulary and histology. The course is specifically modeled after and taught in a homogenous manner to courses at major universities and will ultimately introduce them to a plethora of health science careers. In this class, the anatomy and physiology of the human body is studied using a plethora of laboratory experiences, hands-on activities and kinesthetic techniques. Examples of the physiology labs include: creating working models of the sliding filament theory, assessing range of motion, learning to take and read EKG's and blood pressure, normal and abnormal heart sounds, blood typing and analyzing a urinalysis. Examples of anatomical studies include: histology, integumentary, skeletal, muscular, nervous, endocrine, blood, cardiovascular, lymphatic, digestive, respiratory, urinary and reproductive. As a capstone, the students will complete a full dissection of a high-order mammal, example: cat, mink or fetal pig. Dual credit offered (MHS only). See page 9 for more information on Dual Credit fees.
Prerequisite: Successful completion of Biology
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0 (MHS only)

Applied Science - H3015
In this course, students will engage in real-world content from physical science, life science, and Earth science to build their understanding of how scientists gather information to learn more about the natural world around us. Students will engage in hands-on learning experiences that emphasize scientific processes such as interpreting data, constructing scientific explanations, and improving scientific literacy to better understand science in our everyday lives.
Prerequisite: None
Open to: 9
Credit: 1 Unit – Two Semesters

Astronomy – H3160
This introductory Astronomy course offers the student an opportunity to explore the basics of celestial bodies and phenomena, such as planets, moons, stars, nebulae, galaxies, light, and comets. This course includes a wide variety of hands-on learning experiences with technology, models, and posters to gain an understanding of the large-scale structure of the universe. This course also includes career exploration in Astronomy, in addition to presenting current event topics in this quickly changing field. Additional enhancement topics covered are: Space travel, the Hubble Telescope, The International Space Station, dark matter, and cosmology.
Prerequisite: Successful completion of a high school level science course
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Biology – H3110
The topics covered in this course include molecules of life, cell structure and function, cell reproduction, genetics, cell energy, ecology, evolution, and natural selection.
Prerequisite: None
Open to: 9, 10
Credit: 1 Unit – Two Semesters

Biology Concepts – H3100
This course covers selected topics in biology at a pace and level appropriate for the student who has difficulty learning scientific principles.
Prerequisite: None
Open to: 9, 10
Credit: 1 Unit – Two Semesters

Botany – H3200
Botany is a course providing advanced study of plant structure and function. It applies botanical knowledge to horticultural procedures dealing with plant identification, plant propagation and plant growth. This course will provide the student with the skills and tools necessary to apply scientific knowledge to the growing of plants.
Prerequisite: Successful completion of Biology
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Cadet Teaching – Science – H3310
This course gives the opportunity for the student to participate in many activities that will familiarize him/her with the teaching process as well as strengthening his/her own science skills. The student will help prepare lessons, tests and lab investigations. The cadet teacher will also assist small groups of students and present a lesson to the class.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)

Chemistry – H3060
This course involves the study of the laws, concepts and principles governing the composition and changes of matter. Emphasis is placed on critical thinking skills, problem solving and laboratory activities.
Prerequisite: Successful completion of Algebra I
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

College General Chemistry I (MHS only) - H3282W – grade weighted course
A study of the basic laws and theories of chemistry including stoichiometry, atomic structure, chemical bonding and geometry, thermochemistry, gasses, types of chemical reactions, basic organic and statistics. Weekly laboratory exercises emphasize quantitative techniques and complement the lecture material. Daily discussion sessions focus on homework assignments and lecture material. Dual Credit is offered from Missouri Baptist University. See page 9 for more information on Dual Credit fees.
Prerequisite: Honors Chemistry or Chemistry and teacher recommendation.
Open to: 11, 12
Credit: 1 Unit - Two Semesters
Weighted: 1.0

College General Chemistry II (MHS only) - H3283W – grade weighted course
This is a continuation of College General Chemistry I and includes the study of chemical kinetics, ionic equilibria, electrochemistry, thermodynamics, nuclear chemistry, organic chemistry and spectroscopy. At the completion of this course students can take the AP Chemistry exam, and Dual Credit is offered from Missouri Baptist University. See page 9 for more information on Dual Credit fees.
Prerequisite: College General Chemistry I with teacher recommendation.
Open to: 11, 12
Credit: 1 Unit - Two Semesters
Weighted: 1.0

Earth Science – H3192
This course focuses on the history of our planet and how Earth's systems simultaneously influence each other. Students will study the ways Earth has changed over the last 4.6 billion years and draw conclusions about past and current natural phenomena. Through the study of Earth's biosphere, atmosphere, hydrosphere and geosphere, students will develop and use models to build an understanding of the interactions and feedback between systems. Combining knowledge from this course, students will explore the relationship between human activity and the impact on our planet.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

Earth Science Concepts - H3191
This course provides an introduction to the study of Earth's place in the Universe, Earth Systems, and the impact of Human activity on the Earth at a pace and level appropriate for the student who has difficulty learning scientific principles. The student studies and measures the interactions of matter, energy, and relationships in an ecosystem, the history of the Earth and its systems, weather and climate, and human sustainability. Emphasis is placed on human interactions with the environment and the Earth's systems.
Prerequisite: Successful completion of any science course
Open to: 10, 11, 12
Credit: 1 Unit - Two Semesters

Ecology - H3195
This course is the study of the wise use of our natural resources including soil, water, air, forest, wildlife, energy and other resources. Emphasis is placed on the nature of the resource, methods of analysis, environmental concerns, and sustaining our natural resources. Additional focus is put on natural ecosystems and relationships between organisms/different environments on all levels of ecology. Both of these aspects are applied to problems in nature, and how we can sustain the environment.
Prerequisite: Successful completion of Biology
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Field Methods - H3010
This course is divided into two major components. The pre-field experience component is required for participation in the field experience and is designed to prepare students with the knowledge and skills necessary for them to be successful and engaged in this course. The pre-field activities and requirements include field trips, laboratory classes, meetings, and lectures that will run during the second semester to help students develop and master science skills related to field studies. Students are expected to complete various projects, homework, independent laboratories, and journal assignments to become familiar with the experiences of biologists doing research abroad. The highlight and culminating field experience of this course is the trip during the summer when students will earn elective credit. During this portion of the course, students will visit various sites to experience sustainable development in action, focus on conservation issues and efforts, and study the general biology, ecology, geology, and sociology relevant to the region. Successful completion of this course provides 0.5 elective credits toward graduation.
Prerequisite: Participation in pre-field experience, recommendation from the instructor.
Open to: 9, 10, 11
Credit: ½ Unit - One Semester

Forensics – H3220
Forensics is an upper-level science course that gives the interested student an opportunity to apply the scientific knowledge learned in Chemistry, Biology and Physics to real life, crime-solving applications. The student uses the inquiry method and knowledge from previous science courses to investigate the role and application of science in both civil and criminal laws that are enforced by the criminal justice system. Each lesson will use case studies to analyze real life applications of crime solving. Guest speakers are brought in to connect the lessons to real life careers.
Prerequisite: Successful completion of Biology and successful completion of Chemistry or Physical Science
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Fossils and the Story of Ancient Life – H3180
Fossils and The Story of Ancient Life allows the learner to examine life as it existed in the past through hands-on experiences. The student will develop skills for understanding the patterns of life of the past and how it affects life in the present. The student will use hands-on learning with dinosaur replica models, fossils, and rock specimens to understand the environments that existed in the past. The geologic time scale, fossils, geologic dating, and the origins of life are discussed.
Prerequisite: Successful completion of Biology
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Geology – H3150
Geology will present the learner with a hands-on experience of the importance of rocks, minerals, plate tectonics, and the processes which form and shape the land. Students develop skills for the practical application of geology into everyday life. Major themes consist of studies of minerals, rocks, volcanoes, earthquakes, crustal movement, mountain building, continental movement, karst, maps, and topography.
Prerequisite: Successful completion of a high school level science course
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Honors Biology – H3120
This course is designed for the student who would like a more rigorous study of molecular biology. This course covers topics of chemistry of life, evolution of life, cell structure and function, cell reproduction, genetics and ecology.
Prerequisite: To take Honors Biology as a freshman, 8th grade science with a "B" or higher.
Open to: 9
Credit: 1 Unit – Two Semesters

Honors Chemistry – H3070
This course provides the student with a more rigorous study of chemistry. The class involves the study of the laws, concepts and principles governing the composition and changes of matter. Emphasis is placed on critical thinking skills, problem solving and laboratory activities.
Prerequisite: Successful completion of Geometry
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

Independent Study – Science – H3300
This course gives the opportunity for the interested science student to plan, research and develop an investigation in their area of interest. The student will be placed with another teacher that will serve as a mentor to the program. The student's grade will be determined by evaluation of his/her work ethic, responsibility, research and the final project.
Prerequisite: Three years of science with supervising teacher and principal approval of project proposal
Open to: 12
Credit: 1 Unit – Two Semesters

Meteorology – H3170
The student will use the inquiry method to gain a basic understanding of weather forecasting through a hands-on learning approach. This course covers the elements that govern the weather and climate, characteristics of the atmosphere, the analysis and synthesis of weather data to create forecasts, and severe weather occurrences.
Prerequisite: Successful completion of a high school level science course
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Physical Science – H3024
This course provides the student with a study of chemistry and physics topics. This course will provide an understanding of the basic scientific principles of physics as well as incorporate laws, concepts, and principles that govern the composition and changes of matter within real world applications.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

Physical Science Concepts – H3023
This course provides the student with a study of chemistry and physics topics at a pace and level appropriate for the student who has difficulty learning scientific principles. The class involves the study of the laws, concepts and principles governing the composition and changes of matter. This course will also provide the student with an understanding of the basic scientific principles of physics.
Prerequisite: Successful completion of a biology course
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

Physics – H3420
This course provides an introduction to the study of the physical world and promotes problem solving and analysis of data with valid conclusions. The student studies and measures the interaction of matter and energy, accompanied by laboratory explorations. Emphasis is placed on individual investigations and class discussion of experimental results and analysis of data. The course also includes discussion and practice with problem solving. Topics include Kinematics (motion, forces, energy and momentum) and Waves and Electromagnetic Radiation.
Prerequisite: Successful completion of Algebra I and concurrently enrolled in Geometry
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters

Zoology – H3210
This course surveys the animal kingdom from a comparative perspective. The diversity and adaptation of animals will be studied with an emphasis on the functional anatomy and physiology of each group. Students will then compare advances in lower life forms, to better understand specific human physiology. Lastly, students will analyze how interactions in the ecosystem (human impact and natural selection) affect speciation.
Prerequisite: Successful completion of Biology
Open to: 11, 12
Credit: 1/2 Unit – One Semester

Social Studies Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**Elective Courses**
US History (Y) US History (Y) - *MHS only see p6* Honors US History (Y)	World History (Y) World History Flex (Y) - *MHS only see p7* Honors World History (Y) AP World History (Y) AP European History (Y)	American Government (Y) AP United States Government and Politics (Y)	AP European History (Y) AP Human Geography (Y) AP Macroeconomics - *OHS only* (S) AP Microeconomics - *OHS only* (S) AP Psychology (Y) AP United States Government and Politics (Y) AP U.S. History (Y) AP World History: Modern (Y) Bosnian American Studies (S) Contemporary American Policy – *MHS only* (S) Introduction to Psychology (S) Post-World War II America (S) Psychological Inquiry (S) African American Studies (S) Explorations in Social Studies (S) Introduction to Psychology (S) Economics (S) Sociology (S) **Senior Year Only** Independent Study (S)
AP Human Geography (Y)	AP Human Geography (Y) African American Studies (S) Explorations in Social Studies (S) Introduction to Psychology (S)	Any course listed in the Electives Course Options column (except those identified as Senior Year Only)	

S = Semester, Y = Year

The following course areas of social studies are required of the student in the fulfillment of the three units of social studies required for graduation:

One Unit of United States History	*Grades 9-12*
One Unit of World Studies	*Grades 10-12*
One Unit of American Government	*Grades 10-12*

Advanced Placement European History – H1370W – grade weighted course

In AP European History, the student investigates significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. The student analyzes primary and secondary sources, develops historical arguments, makes historical comparisons, and evaluates causation and change and continuity over time within the historical context. The course also provides six themes that the student explores throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and the national and European identity. Dual credit offered (MHS only). See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: Students who are successful in AP European History must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work. Successful completion of a previous high school history course is required.

Open to: 10, 11, 12

Credit: 1 Unit – Two Semesters (World Studies)

Weighted: 1.0

Advanced Placement Human Geography – H1345W – grade weighted course

Advanced Placement (AP) Human Geography is a course to introduce the student to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. The student employs spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Advanced Placement credit is offered. See page 9 for more information on Advanced Placement fees. The student is encouraged to take the AP Exam at their own expense. Success on this test may make the course eligible for college credit.

Prerequisite: Students who are successful in AP Human Geography must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work

Open to: 9 (only with approval); 10, 11, 12

Credit: 1 Unit – Two Semesters (Social Studies Elective)

Weighted: 1.0

Advanced Placement Macroeconomics – H1355W (OHS only) – grade weighted course

The purpose of the AP course in macroeconomics is to give the student 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 familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Throughout the course, the student will develop their economic reasoning skills as they practice the economic way of thinking. Students enrolled in AP Macroeconomics may also earn college credit through UMSL for an additional fee. See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: Students who are successful in AP Macroeconomics must be strong independent and team learners, capable of reading at a college level, and capable of reading and constructing basic graphs. Students must be motivated to complete college level work. Successful completion of a previous social studies course is required as is successful completion of Algebra I.

Open to: 11, 12

Credit: 1/2 Unit – First Semester (Independent Elective)

Weighted: 1.0

Advanced Placement Microeconomics – H1357W (OHS only) – grade weighted course

The purpose of the AP course in microeconomics is to give the student 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 function 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. Throughout the course, the student will develop their economic reasoning skills as they practice the economic way of thinking. Students enrolled in AP Microeconomics may also earn college credit through UMSL for an additional fee. See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: Students who are successful in AP Microeconomics must be strong independent and team learners, capable of reading at a college level, and capable of reading and constructing basic graphs. Students must be motivated to complete college level work. Successful completion of a previous social studies course is required as is successful completion of Algebra I.

Open to: 11, 12

Credit: 1/2 Unit – Second Semester (Independent Elective)

Weighted: 1.0

Advanced Placement Psychology – H1335W – grade weighted course

The AP Psychology course is designed to introduce the student to the systematic and scientific study of the behavior and mental processes of human beings. Critical thinking is an active and systematic strategy used to examine, evaluate, and understand events, solve problems, and make decisions on the basis of sound reasoning and valid evidence. The curriculum for this course places a heavy emphasis on essential readings, writing assignments, independent projects, and frequent tests intended to prepare students for the AP Exam. Dual Credit offered. See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: Students who are successful in AP Psychology must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work. Successful completion of a previous high school history course is required. Course content is not recommended for freshmen.

Open to: 11, 12

Credit: 1 Unit – Two Semesters (Independent Elective)

Weighted: 1.0

Advanced Placement U.S. History – H1231W – grade weighted course

This course is a thematic approach to American History on the college level. The student will be required to complete advanced reading and writing assignments, which require a high standard of proficiency in these skills. Essay tests, critiques, oral/written presentations, technology oriented projects, and research are an integral part of this course. Dual Credit offered. See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: Students who are successful in AP United States History must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work. Successful completion of a previous high school history course is required.

Open to: 11, 12

Credit: 1 Unit – Two Semesters (American Studies)

Weighted: 1.0

Advanced Placement United States Government and Politics – H1090W – grade weighted course
Advanced Placement United States Government and Politics is a year-long college level course which will give the student an analytical perspective on government and politics in the United States and the State of Missouri. This course includes both the study of general concepts used to interpret United States government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute United States government and politics. The student will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. The student will be able to explain through classroom discussion and written response what role elections, interest groups, political parties and public opinion play in the policy making process. The student will consult a variety of primary and secondary sources, including but not limited to magazines, journals and a variety of newspapers. Dual credit offered. See page 9 for more information about Advanced Placement and Dual Credit fees.
Prerequisite: Students who are successful in AP United States Government and Politics must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work. Successful completion of a previous high school history course is required.
Open to: 11, 12
Credit: 1 Unit – Two Semesters (American Government)
Weighted: 1.0

Advanced Placement World History: Modern – H1135W – grade weighted course
In AP World History: Modern, students will investigate significant events, individuals, developments and processes from 1200 to the present, with a brief review of important foundational topics. The students will explore connections among themes, such as humans and the environment, cultural developments and interactions, governance, and economic systems. Advanced Placement credit offered. Dual Credit offered. See page 9 for more information about Advanced Placement and Dual Credit fees.
Prerequisite: Students who are successful in AP World History must be strong independent readers and organized writers. Students must be motivated and able to complete college-level course work. Successful completion of a previous high school history course is required.
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (World Studies)
Weighted: 1.0

African American Studies – H1240
African-American studies is an elective social studies course that begins in Pre-Colonial Africa and briefly reviews the history of African civilizations. The course then follows the forced migration of African peoples into the Americas. The student will research and discuss the African-American political, cultural, and personal experience from slavery through the Civil War, Jim Crow, and the Civil Rights movement, as well as looking at local issues in St. Louis from Dred Scott to housing segregation to Ferguson. Students will also analyze the many contributions of African-Americans to our country with emphasis on the exploration of black culture through music and art.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

American Government – H1000
This course is devoted to the study of the federal government and the United States Constitution along with the Missouri state and local governments. Other relevant subjects include economics, geography, and current events. The student will be required to use various forms of technology and develop literacy that incorporates research and interpretation of documents, visuals, and oral recordings.
Prerequisite: None
Open to: 11, 12
Credit: 1 Unit – Two Semesters (American Government)

Bosnian American Studies – H1018 (MHS only)
In this writing and research intensive course, the student will be exposed to a wide range of fiction and non-fiction texts designed to bring a broad synthesis of sources and methods to bear on the understanding of the Bosnian war, genocide, and immigration to St. Louis in the late twentieth and early twenty-first centuries. Student research projects will include the creation of primary source documents for the Bosnia Memory Project or other authentic audiences.
Prerequisite: 2.5 minimum GPA
Open to: 10,11, 12
Credit: 1/2 Unit – One Semester

Cadet Teaching – Social Studies – H1390
This course gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process, as well as strengthen his/her own social studies skills. The student will develop the leadership and organizational skills needed in any working environment.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (Elective)

Contemporary American Policy – H1360W – (MHS only) – grade weighted course
Contemporary American Policy is a rigorous, comprehensive study of American policy as it impacts the world at large. This course will examine America's foreign and domestic policies beginning in the post-World War II era. Students will have the opportunity to explore United States presidential politics, modern wars, and social and economic movements in modern America. Three hours of dual credit may be available to qualified students through Saint Louis University or University of Missouri-St. Louis. Dual credit fees are paid by the student. See page 9 for more information on Dual Credit fees.
Prerequisite: 2.5 overall GPA
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)
Weighted: 1.0

Economics – H1350
Economics is a course in which the student learns the basic economic concepts and principles behind personal choices, monetary exchanges and financial interactions. The course asks the student to critically analyze economic philosophy, prosperity and recession, national economic systems, and individual financial decisions. The student will have the opportunity to investigate economic situations that affect their personal lives via the Internet.
Prerequisite: None
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

Explorations in Social Studies – H1005
Explorations in Social Studies is a research-based course that features maximum student choice in learning. Working within an organized framework students will explore interest-based, self-directed inquiry centered on various social studies topics. See your current social studies teacher for specific topics of inquiry. Examples of possible topics may include, but are not limited to military history, sports and culture, women's studies, and St. Louis History.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

Honors United States History: Reconstruction to the Modern Era – H1111
Honors United States History covers the periods of American history from Reconstruction to the Modern Era. Honors U.S. History examines the ever-evolving relationships among the government, the people, and the economy, as well as analyzing the changing views of citizenship. The student in this course will also evaluate the role of the United States in globalization. Honors US History goes into more depth and detail, asking the student to evaluate historical perspectives through the analysis of historical documents for the purpose of finding, creating, writing, and giving evidence to defend an argument. There is an increased expectation for reading, writing, and speaking in this course along with participation in class discussion.
Prerequisite: Teacher Recommendation
Open to: 9
Credit: 1 Unit – Two Semesters (United States History)

Honors World History: 1450–Present Day – H1105
Honors World History is the analysis of global history since 1450 with an emphasis on historical inquiry, use of evidence and recognizing different perspectives. This course will examine changes throughout World History including governmental, cultural, economic, and geographical. The Honors World student will pose questions, create arguments and engage in inquiry about the development of history as it relates to our present day cultures and situations while focusing on what it means to be a part of humanity.
Prerequisite: United States History with a "B" or higher
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (World Studies)

Independent Study – Social Studies – H1380
This course is designed for the student possessing a high degree of independence and responsibility who desires to investigate topics not available through regular course work. The course objectives, outline, and evaluation procedures must be developed by the student and teacher and submitted to the department chairperson prior to enrollment.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (Elective)

Introduction to Psychology – H1320
This course offers an introduction to the scientific study of thoughts and behavior. Psychology is a unique course in which the student will learn to assess human behavior objectively. In Introduction to Psychology, the focus is on understanding how this subject can be used to make sense of people's lives.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

Post-World War II America – H1365
In Post-World War II America, students will examine the impact of domestic, economic, social, and foreign policy issues Post World War II to the present. Students will discuss and debate the major events and historical trends that impact our world today: the origins of the Cold War, the Civil Rights Movement, current Middle Eastern issues, the social history of Post World War II America and the impact that domestic policy, economic decisions and technological advancements have had on our country.
Prerequisite: None
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

Psychological Inquiry – H1330
Through student-driven investigations, the student will gain knowledge and understanding of key concepts within the field of psychology. The student will develop research as well as critical thinking skills.
Prerequisite: Must pass Introduction to Psychology or AP Psychology
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

Sociology – H1340
The student in sociology studies people and their lives in a group. Sociology is concerned with how people behave in groups and how group interaction shapes their behavior. Topics include socialization from birth through adulthood, forms of communication, roles in society, cultural and social changes, the family, and problems facing society.
Prerequisite: None
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Independent Elective)

United States History: Reconstruction to the Modern Era – H1109
This introductory United States History course covers the periods of American history from Reconstruction to the Modern Era. U.S. History examines the ever-evolving relationships among the government, the people, and the economy, as well as analyzing the changing views of citizenship. The student in this course will also evaluate the role of the United States in globalization.
Prerequisite: None
Open to: 9
Credit: 1 Unit – Two Semesters (United States History)

World History: 1450 – Present Day – H1100
World History is the analysis of global history since 1450 with an emphasis on historical inquiry, use of evidence and recognizing different perspectives. This World History course will examine changes throughout World History including governmental, cultural, economic, and geographical. This course is designed to give the student an overview and encourage them to think critically about the development of history as it relates to our present day cultures and situations while focusing on what it means to be a part of humanity.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (World Studies)

Special Education Programs Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Everyday English (Y)	Everyday English (Y)	Everyday English (Y)	Everyday English (Y)
Everyday Social Skills (Y)	Everyday Social Skills (Y)	Everyday Social Skills (Y)	Everyday Social Skills (Y)
Reading Lab (Y)	Reading Lab (Y)	Reading Lab (Y)	Reading Lab (Y)
English Foundations (Y)	English Foundations (Y)	English Foundations (Y)	English Foundations (Y)
English Lab (Y)	English Lab (Y)	English Lab (Y)	English Lab (Y)
English I Team (Y)	English I Team (Y)	English I Team (Y)	English II Team (Y)
	English II Team (Y)	English II Team (Y)	English III Team (Y)
		English I (Y)	English II (Y)
			English IV (Y)
Mathematics course sequence may be changed to meet IEP goals			
Everyday Math (Y)	Everyday Math (Y)	Everyday Math (Y)	Everyday Math (Y)
Math Foundations (Y)	Math Foundations (Y)	Math Foundations (Y)	
Pre-Algebra Team (Y)	Pre-Geometry Team (Y)	Pre-Geometry Team (Y)	
Algebra Foundations (Y)	Pre-Algebra Team (Y)	Algebra Foundations (Y)	
Principles of Algebra 1A/1B Team (Y)	Algebra Foundations (Y)	Principles of Algebra IA/IB Team (Y)	
	Principles of Algebra IA/1B Team (Y)	Pre-Algebra Team (Y)	
	Principles of Algebra II Team (Y)	Algebra II Team (Y)	
		Principles of Geometry Team (Y)	

S = Semester, Y = Year

Special School District, in partnership with the Mehlville School District, offers a continuum of services to the student who has a diagnosed educational disability and currently receives services through Special School District under IDEA. Upon recommendation of the student's Individual Education Plan (IEP) team, program options include, but are not limited to:

Academic Support
Access Office
Team Teaching
English Lab
Reading Lab
Foundation Courses
Everyday Living Courses
Community-Based Instruction (on and off-campus)
Study Skills Courses

School to Work Support
Pre-Vocational Work Experience (off-campus)
Co-Op Program (off-campus)
Career Training Program (off-campus)
Alternative Diploma Program

Collaborative/Team Teaching
In this model of teaching, the student, including those with disabilities, is taught by a Mehlville content area teacher and a Special School District teacher who collaboratively teaches the Mehlville curriculum. The Mehlville teacher is primarily responsible for teaching the course content, while the SSD teacher is responsible for teaching specific strategies, monitoring the progress of the student, adapting materials, supplemental teaching of course content, and consulting with the classroom teacher. In many situations, the teaching responsibilities are shared.

Access Office
This service is provided to the student on an as-needed, drop-in basis when accommodations cannot be provided within the regular classroom setting. This service prepares the student for the transition to utilizing accommodations at the post-secondary level. The student is encouraged to schedule appointments and secure "test passes" from a Resource Teacher.

Algebra Foundations – H9091
This course is designed to prepare the student for further mathematical study by enhancing some previously learned mathematical processes and developing new processes. Algebra Foundations will provide the skills necessary for remediation of skill deficits while working with unknown variables in everyday situations.
Prerequisite: Completion of Pre-Algebra and IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Mathematics)
In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. The student moves into a team taught Pre-Algebra, Algebra or Geometry classes the following year. Lectures, presentations, assignments and materials are adapted to create opportunities for students' success.

Community Based Vocational Instruction (CBVI)
CBVI Schnucks – H9078SC
CBVI In-House – H9080
CBVI Nazareth – H9082
CBVI Mercy South – H9080SA
CBVI St. Vincent - H9080SV
This introductory course is intended to aid the student in the exploration of pre-vocational experiences that include a rotation of various jobs in a supportive environment. The student will explore personal strengths, weaknesses and interests while receiving on-the-job training. Topics investigated include self-awareness, goal setting, exploring job skills, interview skills and

simulations, employer/employee relations and responsibilities, workplace behaviors and workplace etiquette, nonverbal communication, personal and workplace safety, as well as proper hygiene.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: Up to 2 credits (English Language Arts, Social Studies, Elective, Practical Arts)

Cooperative Education (Co-Op) Program – H9080
This program is for students with disabilities, age 16 and older, whose IEP reflects a need for work experience in a competitive setting. Through partnership with Missouri Division of Vocational Rehabilitation and Special School District, the Cooperative Education (Co-Op) program assists the eligible student with disabilities in earning school credit, while participating in school-directed, paid and supervised work experience. The Cooperative Education (Co-Op) Program is designed to facilitate the integration and coordination of transition services.
Prerequisite: IEP Team approval and Missouri Division of Vocational Rehabilitation Certificate
Open to: Juniors and seniors who are 16 or older
Credit: Up to 2 credits per semester – Two semesters (Practical Arts, Elective)

English I Foundations – Literary Genres and Composition – H9095
This foundation course includes a study of literary genres: short story, nonfiction, print media, drama, poetry and the novel. Writing includes development of a variety of sentences and paragraphs. Language study includes vocabulary and grammar study, oral presentations, and development of information literacy. In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. Lectures, presentations, assignments and materials are adapted to create opportunities for student success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters per content course

English II Foundations – H9096
This foundation course includes a survey of multicultural literature, as well as development of composition. Language study includes vocabulary and grammar study, oral presentations and development of information literacy. Writing includes development of a variety of paragraphs and short essays and reinforcement of editing skills. In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. Lectures, presentations, assignments and materials are adapted to create opportunities for student success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts)

English III Foundations – H90961
This foundation course includes a survey of American Literature and composition. Writing includes research techniques, development of multi-paragraph essays, and enhancement of editorial skills. Language study will include vocabulary and grammar study, oral presentations and development of information literacy.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (English Language Arts)

English Lab – Literary Genres and Composition – H9098
This developmental course includes the study of literary genres: short story, nonfiction, printed media, drama, poetry and the novel. Composition covers paragraphs, essays, essay questions and answers, and introduces documentation. Language study includes study skills, vocabulary skills, library skills and oral presentations. Grammar study, in conjunction with writing, is included in this course.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (English Language Arts)

Everyday English – H9085
In this course, the student's IEP goals and transition plans are addressed in the classroom, as well as in the community. Many of the units taught in these classes are integrated for continuous acquisition and application of skills, which are assessed through community-based instruction. Utilizing the Mehlville curriculum, lectures, presentations, assignments, materials and community experiences are adapted to create opportunities for the student's success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters

Everyday Math – H9087
In this course, the student's IEP goals and transition plans are addressed in the classroom, as well as in the community. Many of the units taught in these classes are integrated for continuous acquisition and application of skills, which are assessed through community-based instruction. Utilizing the Mehlville curriculum, lectures, presentations, assignments, materials and community experiences are adapted to create opportunities for the student's success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters

Everyday Science/Health – H9068
Everyday Science and Health is designed to meet the individual needs of the student who has extreme difficulty in all academic areas and is not able to gain information and knowledge at the level which is necessary within the general education class. While most students enrolled in this course are eligible for alternative assessments (such as MAP-A), it is not mandatory. This course covers selected topics in Health, Biology, Physics, Chemistry, Earth Science, and Science and Technology at a level that is appropriate to address student IEPs and the need for daily living skills. A primary focus is the health and safety of the student as they become as independent as possible in life skills that will continue beyond the school experience. Acquisition and application of skills will be assessed in various settings including a component of Community-Based instruction.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

Everyday Social Skills – H9065
This course covers selected topics in social skills. A primary focus is for the student to learn independent/daily living skills to become as independent as possible in skills that will continue beyond the school experience. Group interaction, discussion and cooperation during group role-playing and problem-solving sessions will be commonplace.
Prerequisite: Teacher/administrator recommendation, IEP team decision
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

Everyday Social Studies – H9092
In this course, the student's IEP goals and transition plans are addressed in the classroom, as well as in the community. Many of the units taught in these classes are integrated for continuous acquisition and application of skills, which are assessed through community-based instruction. Utilizing the Mehlville curriculum, lectures, presentations, assignments, materials and community experiences are adapted to create opportunities for the student's success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters

Math I Foundations – H90891
This course is designed to prepare the student for further mathematical study by enhancing some previously learned mathematical processes and developing new processes. The student will learn to apply these processes using mathematical reasoning and technology to solve everyday problems that have meaning beyond the classroom. This course gives the student the opportunity to strengthen skills using the basic operations of addition, subtraction, multiplication and division of whole numbers, decimals and fractions. In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. Lectures, presentations, assignments, and materials are adapted to create opportunities for student success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Mathematics)

Math II Foundations – H9089
This course is designed to prepare the student for further mathematical study by enhancing some previously learned mathematical processes and developing new processes. The student will learn to apply these processes using mathematical reasoning and technology to solve everyday problems that have meaning beyond the classroom. This course gives the student the opportunity to strengthen skills using the basic operations of addition, subtraction, multiplication and division of whole numbers, decimals and fractions. Measurement and graphing are also covered. In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. Lectures, presentations, assignments and materials are adapted to create opportunities for student success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Mathematics)

Math III Foundations – H9090
This course is designed to prepare the student for further mathematical study by enhancing some previously learned mathematical processes and developing new processes. The student will learn to apply these processes using mathematical reasoning and technology to solve everyday problems that have meaning beyond the classroom. This course gives the student the opportunity to strengthen skills using the basic operations of addition, subtraction, multiplication and division of whole numbers, decimals and fractions. The foundations for algebra and geometry introduced as problem-solving skills are stressed. In this support model, the student's IEP goals are addressed in the classroom while following the Mehlville curriculum. Lectures, presentations, assignments and materials are adapted to create opportunities for student success.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Mathematics)

Navigating Emotional Wellness – H90691
Navigating the Social World - H90692
This course explores the student's educational disabilities and the impact on daily living and school functioning. The student will explore interpersonal relationships and the difficulties surrounding interactions with others, develop appropriate communication skills, and interpret social situations. They will acquire skills to problem solve independently, identify coping skills and utilize anger management techniques to resolve daily school issues. The student will examine diagnostic, IEP and therapeutic processes, as well as the student's rights and responsibilities. The student will identify and articulate their learning style, strengths and limitations, as well as implications of their educational disability. Pupils will engage in accessing appropriate accommodations in a variety of settings. Previously taught study skills are reinforced through application.
Prerequisite: IEP team approval
Open to: 9, 10, 11, 12
Credit: 1/2 or 1 Unit – One or Two Semesters (Elective); may be repeated for additional elective credit

Personal Finance Foundations – H9066
Personal Finance prepares the student for the challenges that they will encounter in the future. As a consumer, citizen, worker and taxpayer, the student will learn how to manage their own finances and develop the skills necessary to live on their own.

Topics covered during this course include: career exploration, earning and managing income, income taxes, money and banking, saving and investing, credit, advertising, the consumer's role in the marketplace, and fraud and consumer crimes. This class will fulfill the high school graduation requirement for Mehlville School District and the Missouri Department of Elementary and Secondary Education.

Prerequisite: IEP team approval

Open to: 10, 11, 12

Credit: 1/2 Unit – One Semester (Personal Finance Requirement)

Reading Lab – H0125

This class is designed for the student who is a non-reader, emerging reader, and a student with significant delays in overall reading development. This course establishes and/or expands the domains of literacy: reading, writing, speaking, listening and thinking. The focus of the course is to remediate identified deficits and to provide strategic instruction for reading across all content areas. Generalization of these skills will be observable and measurable across school settings. This multi-year class is taught by a state certified special education teacher/reading specialist with a maximum of 10 students per class.

Prerequisite: Completion of reading assessment and IEP team approval

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters (English Language Arts) Additional semesters may be taken for elective credit based on the recommendation from the student's IEP team

Self-Advocacy – H9071

This course explores educational disabilities and skill diversity. The student will examine diagnostic and IEP processes, as well as the student's rights and responsibilities. The student will identify and articulate their learning style, strengths and limitations, as well as implications of their educational disability. The student will engage in accessing appropriate accommodations in a variety of settings. Previously taught study skills are reinforced through application.

Prerequisite: IEP team approval

Open to: 10, 11

Credit: 1/2 or 1 Unit – One or Two Semesters (Elective); may be repeated for additional elective credit

Study Skills – H9070

Study Skills provides instruction in strategies and guided practice to achieve success and independence in the high school setting. Strategies to be taught and practiced are in the areas of self-management, following directions, listening, note-taking, comprehension of content area materials, memory, test preparation and test taking, reference and research, and writing.

Prerequisite: IEP team approval

Open to: 9, 10

Credit: 1 Unit – Two Semesters (Elective); may be repeated for additional elective credit

Transition Study Skills – H9072

This course is intended to aid the student in the transition from secondary school to post-secondary goals. The student will explore personal strengths, weaknesses, interests and skills and use that information to aid in setting career goals. Post-secondary options and resources are investigated.

Prerequisite: IEP team approval

Open to: 11, 12

Credit: 1 Unit – Two Semesters (Elective); may be repeated for additional elective credit

Transition to Work – H9083

This course is intended to aid the student in the transition from secondary school to the workforce. The student will explore personal strengths, weaknesses, interests and skills and use that information to aid in setting career goals. Topics investigated include self-awareness, goal setting, exploring career choices, business correspondence, job interview skills and simulations, employer/employee relations and responsibilities, workplace behavior and workplace etiquette. Other topics addressed include completing tax forms and taxes, and independent living.

Prerequisite: IEP team approval

Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Elective, may repeat)

STEM - Science, Technology, Engineering, Mathematics			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Biomedical Science			
PLTW Principles of Biomedical Sciences (Y)	PLTW Human Body Systems (Y)	PLTW Medical Interventions (Y)	PLTW Biomedical Innovation (Y)
Computer Science			
PLTW Computer Science Principles (Y)	PLTW Cybersecurity (Y)	PLTW Cybersecurity (Y)	PLTW Cybersecurity (Y)
	PLTW Computer Science A (Y)	PLTW Computer Science A (Y)	PLTW Computer Science A (Y)
	PLTW Computer Science Principles (Y)		
Engineering			
PLTW Engineering Essentials (Y)	PLTW Aerospace Engineering (Y)	PLTW Aerospace Engineering (Y)	PLTW Aerospace Engineering (Y)
PLTW Engineering Essentials Flex (Y) - *MHS only see p6*	PLTW Civil Engineering and Architecture (Y)	PLTW Civil Engineering and Architecture (Y)	PLTW Civil Engineering and Architecture (Y)
PLTW Introduction to Engineering Design (Y)	PLTW Digital Electronics (Y)	PLTW Digital Electronics (Y)	PLTW Digital Electronics (Y)
	PLTW Principles of Engineering (Y)	PLTW Principles of Engineering (Y)	PLTW Capstone (Y)
	PLTW Introduction to Engineering Design (Y)	PLTW Introduction to Engineering Design (Y)	PLTW Principles of Engineering (Y)

S = Semester, Y = Year

Biomedical Science Courses:

Biomedical Innovation – HSTEM09 – grade weighted course

In this capstone course, the student applies their knowledge and skills to answer questions or solve problems related to the biomedical sciences. The student designs innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office or industry. Throughout the course, the student is expected to present their work to an adult audience that may include representatives from the local business and healthcare community. Dual credit offered. See page 10 for more information regarding PLTW dual credit.

Prerequisite: Medical Interventions with a "C" or higher OR teacher approval

Open to: 12

Credit: 1 Unit – Two Semesters

Weighted: 0.75

Human Body Systems – HSTEM07 – grade weighted course

The student examines the interactions of body systems as they explore identity, communication, power, movement, protection and homeostasis. The student designs experiments, investigates the structures and functions of the human body and uses data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action and respiration. Exploring science in action, the student builds organs and tissues on a skeletal manikin, works through interesting real world cases and often plays the role of biomedical professional to solve medical mysteries. Dual credit offered. See page 10 for more information regarding PLTW dual credit.

Prerequisite: Principles of Biomedical Science with a "C" or higher

Open to: 10, 11, 12

Credit: 1 Unit – Two Semesters

Weighted: 0.75

Medical Interventions – HSTEM08 – grade weighted course

The student investigates the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as the student explores how to prevent and fight infection, how to screen and evaluate the code in human DNA, how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios, the student is exposed to a wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. Lifestyle choices and preventive measures are emphasized throughout the course, as well as the important roles scientific thinking and engineering design play in the development of interventions of the future. Dual credit offered. See page 10 for more information regarding PLTW dual credit.

Prerequisite: Human Body Systems with a "C" or higher

Open to: 11, 12

Credit: 1 Unit – Two Semesters

Weighted: 0.75

Principles of Biomedical Science – HSTEM06 – grade weighted course

The student explores the concepts of human medicine and is introduced to research processes and to bioinformatics. Hands-on projects enable the student to investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia and infectious diseases. Over the length of the course, the students work together to determine the factors that lead to the death of a fictional person. After pinpointing those factors, the student investigates lifestyle choices and medical treatments that might have prolonged the person's life. The course is designed to provide an overview of all the courses in the Biomedical Sciences Program and to lay the scientific foundation necessary for student success in the subsequent courses. The key biological concepts embedded in the curriculum include homeostasis, metabolism, and inheritance of traits, feedback systems and defense against disease. Engineering principles are also incorporated into the curriculum where appropriate. These include the design process, feedback loops, fluid dynamics and the relationship of structure to function. Dual credit offered. See page 10 for more information regarding PLTW dual credit.

Prerequisite: None

Open to: 9, 10, 11, 12

Credit: 1 Unit – Two Semesters

Weighted: 0.75

Computer Science Courses:

Computer Science A – HSTEM11 – grade weighted course
CSA focuses on integrating technologies across multiple platforms and networks, including the Internet. The student collaborates to produce programs that integrate mobile devices and leverage those devices for distribution collection and data processing. The students analyze, adapt and improve each other's programs while working primarily in Java and other industry-standard tools. This course prepares the student for the College Board's Advanced Placement CS-A exam. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Computer Science Principles with a "C" or higher
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 0.75

Computer Science Principles – HSTEM10 – grade weighted course
The student works on a team to develop computational thinking and solve problems. The course covers the College Board's new CS Principles framework. The course aims to develop computational thinking to generate excitement about the field of computing, and to introduce computational tools that foster creativity. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 0.75

Cybersecurity – HSTEM14 – grade weighted course
The PLTW Cybersecurity course exposes the high school student to the ever growing and far reaching field of cybersecurity. The student will accomplish this through problem-based learning, where the student will role-play as cybersecurity experts and train as cybersecurity experts do. The student will have a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. The student will use algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. The student will explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Successful completion of Computer Science Principles or Computer Science A or teacher approval
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 0.75

Engineering Courses:

Aerospace Engineering (AE) PLTW – HSTEM15 – grade weighted course
Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. The student will explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. The student will simulate a progression of operations to explore a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Introduction to Engineering Design (IED)
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Civil Engineering and Architecture (CEA) PLTW – HSTEM04 – grade weighted course
The major focus of the Civil Engineering and Architecture course is a long-term project that involves the development of a local property site. As the student learns about various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. The course provides freedom to the student to develop the property as a simulation or to model the real-world experiences that civil engineers and architects experience when developing property. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Principles of Engineering (POE) with a "C" or higher and concurrently enrolled in Algebra II or higher
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Digital Electronics (DE) PLTW – HSTEM03 – grade weighted course
This course provides an overview of the field of Electrical Engineering. The student will begin with electronic circuits and work their way into understanding complex electronic circuits using a design process, various integrated circuit chips, field programmable devices and robots. The student will use computer simulation software to design and test various circuits prior to the construction of these circuits. This course prepares the student to pursue two and four-year college degrees in engineering or engineering technology. At the end of the year, the student will have the option of taking a college credit exam at no cost that is transferable to most colleges with engineering programs. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Principles of Engineering (POE) with a "C" or higher and concurrently enrolled in Algebra II or higher
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Capstone - HSTEM0_ - grade weighted course
PLTW Capstone is a capstone course available for the PLTW Engineering, PLTW Computer Science, or PLTW Biomedical Science pathways. It is an open-ended research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem. Teams draw on the knowledge, skills, and interests of each member, as they perform research to select, define, and justify a problem. Given this collaboration, team members leave the course with a broadened skillset and an appreciation for learning from their peers. After carefully defining the design requirements and creating multiple solution approaches, student teams select an approach, create, and test or model their solution prototype. As they progress through the problem-solving process, students work closely with experts and continually hone their organizational, communication, and interpersonal skills, creative and problem-solving abilities, and their understanding of the integration of processes such as the design process, experimental design, and the software development process. At the conclusion of the course, teams present and defend their original solution to an outside panel. This course is not designed to teach additional content, but to empower students to find resources—mentors, subject matter experts, research articles, peers, and teachers—to meet their needs, bolster their skills, and solve the problem they have selected.
Prerequisite: Senior with at least 2 credits of PLTW Engineering courses and current teacher approval
Open to: 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Engineering Essentials - HSTEM00 – grade weighted course
In Engineering Essentials, students explore the work of engineers and their role in the design and development of solutions to real-world problems. The course introduces students to engineering concepts that are applicable across multiple engineering disciplines and empowers them to build technical skills through the use of a variety of engineering tools, such as geographic information systems (GIS), 3-D solid modeling software, and prototyping equipment. Students learn and apply the engineering design process to develop mechanical, electronic, process, and logistical solutions to relevant problems across a variety of industry sectors, including health care, public service, and product development and manufacturing. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Completion of or concurrent enrollment in Algebra 1 or Algebra 1A/1B
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters
Weighted: 0.75

Introduction to Engineering Design (IED) PLTW – HSTEM01 – grade weighted course
Through the Project Lead the Way curriculum, the student will look at how a product is developed, both artistically and technically. The student learns specific methods, known as the design process, for solving programs related to the development and innovation of products. Portfolios are developed by the student containing different mediums such as drawings, sketches, digital pictures, film clips and computer files to record and illustrate their design process. Concepts of careers, design, techniques, forms and shapes, geometry, graphing, adaptations, quality control, packaging and cost analysis are taught in a logical fashion and applied in this hands-on curriculum. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Successful completion of Algebra I
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Principles of Engineering (POE) PLTW – HSTEM02 – grade weighted course
This class introduces the various fields of engineering technology and is beneficial for any student considering going into a two or four-year engineering/engineering technology program in college. This project-based class will explore concentration areas in the engineering field such as mechanical, electrical, control systems, statics, bridge building, material testing, the engineering design process, quality control, ballistics and failure prevention. The student will learn how to write technical reports, present their solutions, teamwork, and how science, math and technology are used by engineers on a daily basis. At the end of the year, the student has the option of taking a college credit exam at no cost that is transferable to most colleges with engineering programs. Dual credit offered. See page 10 for more information regarding PLTW dual credit.
Prerequisite: Introduction to Engineering Design (IED) with a "C" or higher or current teacher approval and successful completion of Algebra I
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)
Weighted: 0.75

Technology & Engineering Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Materials and Process			
Geometry in Construction: Construction (Y)	Advanced Woodworking (Y)	Advanced Woodworking (Y)	Advanced Woodworking (Y)
Home Maintenance (S)	Advanced Metals - *OHS only* (Y)	Advanced Metals - *OHS only* (Y)	Advanced Metals - *OHS only* (Y)
Metals I (S)	Geometry in Construction: Construction (Y)	Geometry in Construction: Construction (Y)	Cadet Teaching (S)
Metals II (S)	Home Maintenance (S)	Home Inspection (S)	Geometry in Construction: Construction (Y)
Woodworking I (S)	Metals I - *OHS only* (S)	Home Maintenance (S)	Home Inspection (S)
Woodworking II (S)	Metals II - *OHS only* (S)	Independent Study - Technology & Engineering (S)	Home Maintenance (S)
	Woodworking I (S)	Metals I - *OHS only* (S)	Independent Study - Technology & Engineering (S)
	Woodworking II (S)	Metals II - *OHS only* (S)	Metals I - *OHS only* (S)
		Woodworking I (S)	Metals II - *OHS only* (S)
		Woodworking II (S)	Woodworking I (S)
			Woodworking II (S)
Communications			
Drafting I (S)	Drafting I (S)	Drafting I (S)	Cadet Teaching (S)
Drafting II (S)	Drafting II (S)	Drafting II (S)	Drafting I (S)
Graphic Design (S)	Graphic Design (S)	Graphic Design (S)	Drafting II (S)
			Graphic Design (S)
			Independent Study - Technology & Engineering (S)
Computer Technology			
Computers and Networks (S)	Computers and Networks (S)	Computers and Networks (S)	Cadet Teaching (S)
Game Programming & Multimedia Design (S)	Game Programming & Multimedia Design (S)	Game Programming & Multimedia Design (S)	Computers and Networks (S)
Graphic Design (S)	Graphic Design (S)	Graphic Design (S)	Game Programming & Multimedia Design (S)
	Robotics (Y)	Robotics (Y)	Graphic Design (S)
			Independent Study - Technology & Engineering (S)
S = Semester, Y = Year			Robotics (Y)

Advanced Metals – OHS only - H4055
Advanced Metalworking provides skilled metalworking students the opportunity to work on independent and self-designed projects. Students will also develop higher level skills and techniques with machine tools. Students successfully completing this course are prepared to move into welding, machining and other industry related fields.
Prerequisite: Successful completion of Metals II or teacher approval
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)

Advanced Woodworking – H4040
Advanced Woodworking provides skilled woodworking students the opportunity to work on independent and self-designed projects. Students will also develop higher level skills and techniques with machine tools. Students successfully completing this course are prepared to move into cabinet making and other industry related fields.
Prerequisite: Successful completion of Woods II or teacher approval
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)

Cadet Teaching – Technology & Engineering – H4400
Cadet Teaching gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process as well as strengthening his/her own technology skills. The student will help prepare lessons, tests and lab experiences. Concepts of teaching methods and classroom management will be taught and developed throughout the course. The cadet teacher will also assist small groups of students as a practicum experience.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective); Career Path: Human Services

Computers and Networks – H4200
In Computers and Networks, students learn basic computer architecture and operation, software packages and usage, consumer maintenance practices, network topologies, and network hardware. The student will gain knowledge and experience through a series of daily hands-on collaborative experiments.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Drafting I – H4100
Drafting I introduces students to the principles of design that are the foundation of drafting skills. Students in Drafting I will learn storyboarding, mechanical drawing techniques, and Computer Aided Design software. Students will complete a variety of drafting projects, including modeling and prototyping.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Drafting II – H4105
Drafting II further develops students' understanding of the principles of design as well as more advanced drafting skills. Students in Drafting II will expand their knowledge of storyboarding, mechanical drawing techniques, and Computer Aided Design software. Students will identify an area of interest within drafting and develop drafting skills and projects specific to that area.
Prerequisite: Successful completion of Drafting I or teacher approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Game Programming and Multimedia Design – H4225
Game Programming and Multimedia Design will introduce the student to the concepts of programming for the 21st century. Throughout this course, the student will be introduced to programming tools that will enable them to create computer animations. The student will discover how to blend traditional problem-solving techniques with contemporary Hollywood-style story-boarding to create 3-D virtual worlds. This course provides an introduction to object-oriented programming in a 3D graphical programming environment. This is a project based course.
Prerequisite: Successful completion of Graphic Design or Digital Art I is strongly recommended
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Geometry in Construction: Construction – H2231
NOTE: The student must also be concurrently enrolled in Geometry in Construction: Geometry course. This course is one part of the combined Geometry in Construction course. Through hands-on learning experiences and the building of an actual structure, the student will apply geometry concepts to a variety of construction processes in order to see the connection between the two. The student will gain a hands-on understanding of basic construction methods, construction safety, and the variety of tools needed for different construction tasks. Through this course, the student will be exposed to a variety of construction trades and the skills needed to succeed in the construction industry. This contextual learning experience allows the student to see a variety of geometry concepts used in a real-world setting. The student will be enrolled in two courses and receive both a Practical Arts and a Geometry credit.
Prerequisite: Any Algebra I Course; Concurrently enrolled in Geometry in Construction: Geometry
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)

Graphic Design – H4220
Graphic Design introduces the student to the process of creating and developing original graphic images and enhancing images that have been electronically generated using various computer hardware and software tools. The student develops skills in motion graphics development, visual design principles and other related technical subjects.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Home Inspection – H4045
Students in the Home Inspection course will study the standards and techniques employed by residential home inspectors. Students who successfully complete this course will possess the information needed to take the national home inspector's certificate exam (applicants for the exam must be 18). Topics in the course include roof, foundations, HVAC, plumbing, electrical, attic, and interior inspection, as well as other inspection categories.
Prerequisite: Successful completion of Home Maintenance or Construction (Geometry in Construction) or teacher approval
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Home Maintenance – H4000
Students in Home Maintenance are introduced to plumbing, electrical, carpentry, and basic home tool safety and use. This course prepares students for both home ownership and general home repair. This course also prepares students who are interested in a construction, plumbing, electrical, carpentry, or home repair career pathway.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Independent Study in Technology & Engineering – H4350
Independent Study in Technology & Engineering is designed for the student who has strong core skills in a Technology & Engineering field and is motivated to pursue independent and self-designed projects with the guidance of a teacher. Students interested in Independent Study must submit an application including a proposed plan of study.
Prerequisite: Successful completion of a Technology & Engineering course and application process
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Metals I (OHS only) - H4050
Metals I provides students the opportunity to explore metalworking basics, with an emphasis on safety and tool usage. Students in level I will be introduced to tools, finishing techniques, materials, and processes through the completion of individual projects.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Metals II (OHS only) - H4051
Metals II provides metals students the opportunity to work on independent projects. Building upon Metals I, students in level II will utilize new tools and develop new finishing techniques. Metals II develops students' ability to problem solve and work more independently.
Prerequisite: Successful completion of Metals I or teacher approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Robotics – H4227
Robotics is a hands-on learning experience in which students combine theory and practice. Students in Robotics will design, build, wire, and program functioning robots. They will learn marketing, soft skills, goal-setting, and time-management as they explore all facets of the business of technology. Students in Robotics will have the option to compete in regional and national competitions and may become members of TSA/Robotics club.
Prerequisite: Successful completion of or concurrent enrollment in Personal Finance recommended
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters (Practical Arts)

Woodworking I – H4030
Woodworking I provides students the opportunity to explore woodworking basics, with an emphasis on safety and tool usage. Students in level I will be introduced to tools, finishing techniques, materials, and processes through the completion of individual projects.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Woodworking II – H4035
Woodworking II provides woodworking students the opportunity to work on independent projects. Building upon Woodworking I, students in level II will develop new tools and finishing techniques. Woodworking II develops students' ability to problem solve and work more independently.
Prerequisite: Successful completion of Woodworking I or teacher approval
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Practical Arts)

Theatre Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Acting (S)	Acting (S)	Acting (S)	Acting (S)
Intermediate Acting (S)	Intermediate Acting (S)	Intermediate Acting (S)	Intermediate Acting (S)
Theatre Appreciation (S)	Musical Theatre (S)	Advanced Acting (S)	Advanced Acting (S)
	Theatre Appreciation (S)	Musical Theatre (S)	Cadet Teaching (S)
	Theatre Stagecraft I (S)	Theatre Appreciation (S)	Independent Study - Theatre (S/Y)
	The Stage (S)	Theatre Stagecraft I (S)	Musical Theatre (S)
		Theatre Stagecraft II (S)	Theatre Appreciation (S)
		The Stage (S)	Theatre Stagecraft I (S)
			Theatre Stagecraft II (S)
			The Stage (S)

S = Semester, Y = Year

Acting – H7155
The student will be introduced to acting through a wide range of theatrical trends and acting styles. Daily activities include acting games, improvisation, actor training techniques, and scene work. The student will explore the theatrical world, play production, and script exploration.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts). May be taken for elective credit as many semesters as desired

Advanced Acting – H7160
This advanced course in Acting will continue to expose the students to develop a personal understanding of diverse cultures and theatrical communication. Through a wide variety of performance experiences, the student will explore character development, accents and dialects, script analysis and classical as well as contemporary literature. The student continues the exploration of the theatrical world, play production, and script exploration. This course is for the student with previous acting training who has met the established criteria.
Prerequisite: Acting or Intermediate Acting. Placement based on established criteria.
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Cadet Teaching – Theatre – H7186
This course gives the student the opportunity to participate in many activities that will both familiarize them with the teaching process as well as strengthen their own theatre skills. The student will develop the leadership and organizational skills needed in any working environment.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)

Independent Study in Theatre – H7180
This course is designed for the advanced student possessing a high degree of independence and responsibility. Selected projects and/or programs must be worked out by student, instructor and department chairperson prior to approval, followed with approval by chairperson and principal.
Prerequisite: Instructor approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)

Intermediate Acting – H7157
The student will build upon previously studied acting techniques through a wide range of theatrical trends and acting styles. Daily activities include acting games, improvisation, actor training techniques, and scene work. The student continues the exploration of the theatrical world, play production, and script exploration. This course is for the student with previous acting training who has met the established criteria.
Prerequisite: Acting or previous theatre coursework - Placement based on student meeting established criteria
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Musical Theatre – H7190
Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire.
Prerequisite: Advanced Acting or Auditioned Choir. Placement based on established criteria.
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

The Stage – H7175
The Stage is an advanced course for the serious student of theatre and music (vocal, instrumental) performance and production. Students will run their own Production Company which will produce a show (musical, children's theatre, scene work, one acts, and/or opera) while exploring all aspects of show production. These aspects include performance, marketing, set and lighting design, ensemble building, and specialized training. The production company will seek out performance opportunities.
Prerequisite: Advanced Acting, Theatre Stagecraft, and/or Musical Theater or Instructor Permission
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Theatre Appreciation – H7150
Students will explore the history of Theatre's significance in society through unique hands-on learning experiences. This course will view society through the lens of theatre's influence on cultural development and revolution including topics of Civil, Women's, Cultural, LGBTQ, Religious, and Human Rights. Students will have the opportunity to create and may attend live performances.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Theatre Stagecraft I – H7165
The student will gain experience in set construction as they work on the Theatre Department's current theatrical production. In addition, the student will be able to explore painting techniques, and technology use in the theatre.
Prerequisite: None
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Theatre Stagecraft II – H7170
The student will build on previous stagecraft experience to explore an understanding of, operation, and management of the scene shop, as well as studying different and advanced techniques of theatrical productions.
Prerequisite: Theatre Stagecraft I
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Visual Arts Offerings by grade level (for student consideration)			
9th Grade	**10th Grade**	**11th Grade**	**12th Grade**
Ceramics I (S)	Advanced Placement Art History (Y)	Advanced Placement Art History (Y)	Advanced Placement Art History (Y)
Digital Art I (S)	Ceramics I (S)	Advanced Placement Art and Design (S)	Advanced Placement Art and Design (S)
Drawing I (S)	Ceramics II (S)	Art Exploration (S)	Art Exploration (S)
Mixed Media (S)	Digital Art I (S)	Ceramics I (S)	Cadet Teaching (S)
Painting I (S)	Digital Art II (S)	Ceramics II (S)	Ceramics I (S)
Photography I (S)	Drawing I (S)	Digital Art I (S)	Ceramics II (S)
Sculpture I (S)	Drawing II (S)	Digital Art II (S)	Digital Art I (S)
Three Dimensional Art Foundations (S)	Illustration (S)	Drawing I (S)	Digital Art II (S)
Two Dimensional Art Foundations (S)	Mixed Media (S)	Drawing II (S)	Drawing I (S)
Video Art (S)	Painting I (S)	Illustration (S)	Drawing II (S)
	Painting II (S)	Mixed Media (S)	Illustration (S)
	Photography I (S)	Painting I (S)	Independent Study (S)
	Photography II (S)	Painting II (S)	Mixed Media (S)
	Sculpture I (S)	Photography I (S)	Painting I (S)
	Sculpture II (S)	Photography II (S)	Painting II (S)
	Three Dimensional Art Foundations (S)	Sculpture I (S)	Photography I (S)
	Two Dimensional Art Foundations (S)	Sculpture II (S)	Photography II (S)
	Video Art (S)	**Three Dimensional Art Foundations (S)**	Sculpture I (S)
		Two Dimensional Art Foundations (S)	Sculpture II (S)
		Video Art (S)	**Three Dimensional Art Foundations (S)**
			Two Dimensional Art Foundations (S)
			Video Art (S)

S = Semester, Y = Year Bold =Prerequisite

Advanced Placement Art & Design – H7125W – grade weighted course
The Advanced Placement Art & Design program is a yearlong class that consists of three different course options. AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing are courses that correspond to college foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students will create a body of work that demonstrates inquiry and process documentation through development of materials, processes, ideas and written information over the course of a year. Students submit portfolios for evaluation based on specific criteria guided by current AP College Board documentation.
See page 9 for more information about Advanced Placement fees.

AP Art and Design course options:

AP 2-D Art and Design
This yearlong course will develop your skills in a two-dimensional medium such as graphic design, photography, collage, printmaking, and others as you learn the principles of 2-D design. You'll create artwork that reflects your own ideas and skills and what you've learned.

AP 3-D Art and Design
This yearlong course develops your skills in a three-dimensional medium such as sculpture, architectural models, metal work, ceramics, glass work, and others as you learn the principles of 3-D design. You'll create artwork that reflects your own ideas and skills and what you've learned.

AP Drawing
Develop your skills in drawing as you explore different media and approaches. You'll create artwork that reflects your own ideas and skills and what you've learned.

Prerequisite: Successful completion of 2-D or 3-D Art Foundations. The student must demonstrate the understanding of high school art courses aligned with the specific portfolio option (2-D, 3-D, or Drawing). The student should be proficient in the elements of art, principles of design, artistic process, material understanding, media techniques, and idea development. The student's art portfolio and application must be submitted and accepted by the AP Art & Design teacher.
Open to: 11, 12
Credit: 1 Unit – Two Semesters consecutive in the same year. (Fine Arts) Course may be repeated with a different AP content area
Weighted: 1.0

Advanced Placement Art History – H7126W – grade weighted course
The Advanced Placement Art History course is a college level art history course that will prepare the student for the AP Art History exam. This course will explore the history of art across the globe from prehistory to the present. By analyzing works of art through observation, discussion, reading, and research, students will learn the following skills:

- Evaluating works of art from different eras and cultures
- Developing a theory about the meaning of a work of art and explaining and supporting their interpretation
- Seeing connections to artistic traditions, styles, or practices in a work of art

No prior experience in art or art history is needed, but the course requires a strong commitment to academic work. The student is encouraged to take the AP Art History exam in May. Advanced Placement credit offered. See page 9 for more information on Advanced Placement fees.
Prerequisite: Students who are successful in AP Art History must be strong independent readers and organized writers. Students must be motivated, able to complete college-level course work, and comprehend college level reading.
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters consecutive in the same year (Fine Art or elective credit)
Weighted: 1.0

Art Exploration – H7124
Art Exploration students will individually communicate a visual idea in a series of at least six works of art that are developed in collaboration with the student and teacher. The student will choose the subject, content, style, media, and techniques that accommodates a personalized theme upon teacher approval. This course will be a continuation of artistic concepts explored in previous art courses. A student must submit a portfolio demonstrating prior knowledge of media techniques and the understanding of design concepts when applying for this course.
Prerequisite: Application approval with portfolio submission
Open to: 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Cadet Teaching – Visual Arts – H7130
Cadet Teaching gives the student the opportunity to participate in many activities that will both familiarize him/her with the teaching process as well as strengthening his/her own Visual Art skills. The student will help prepare lessons and visual aids. The cadet teacher will also assist small groups of students.
Prerequisite: Grade "B" or better in previous applicable Visual Art classes and approval of art classroom teacher and department chair.
Open to: 12
Credit: 1/2 or 1 Unit – One or Two Semesters (elective)

Ceramics I – H7050
Ceramics I exposes students to multi-dimensional learning opportunities from planning and problem solving, size proportions, constructing planned ideas, and understanding glaze reactions during the firing process. This advanced study of ceramics investigates the history of clay by researching past historical cultures and their clay building techniques through hand constructed projects and assessments. An exposure to ceramics provides the student exploration with pinch, coil, and slab construction as the student addresses and synthesizes the issues of function, decoration, and aesthetics. In addition, the student will critically analyze, in written form, works of art they view outside the classroom.
Prerequisite: 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Ceramics II – H7060
Ceramics II builds on the skills learned in Ceramics I. This course investigates advanced hand building techniques and provides opportunities to practice and develop skills using the pottery wheel. Emphasis on form, craftsmanship and surface decoration are explored in more critical depth. The student is expected to demonstrate problem-solving skills during construction of ceramic objects and show design skills. The student is required to critique several ceramic pieces outside of class and write a report demonstrating knowledge of art criticism.
Prerequisite: 3-D Art Foundations and Ceramics I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Digital Art I – H7115
This course is designed for the student who is interested in the area of digital art. It provides practical applications for a variety of projects to explore computer-generated designs. The student will be introduced to professional graphic design programs in the Adobe Creative Suite, including Photoshop, Illustrator, and InDesign. Students will become familiar with the many different careers and roles in the fields tied to digital media. Drawing skills and an interest in design layout will be helpful.
Prerequisite: 2-D or 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Digital Art II – H7116
Digital Art II is a continuation of Digital Art I that further develops the students' skills to generate digital art. The course is for students interested in pursuing creative arts, or a career in digital arts. Digital Art II will address the art elements, principles of design, and compositional solutions to make computer art. The student will become proficient in the professional graphic design programs of Adobe Creative Suite, including Photoshop, Illustrator, and InDesign.
Prerequisites: 2-D or 3-D Art Foundations and Digital Art I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Drawing I – H7010
This course extends beyond the drawing knowledge that was introduced in Two-Dimensional Art Foundations. It examines how artists use the elements of art, mark-making approaches, light and shade, and composition used in drawing. The student will observe and draw various subject matters. Students will learn drawing techniques and processes with a variety of drawing materials. The students will learn about the countless benefits and inventive possibilities within drawing.
Prerequisite: 2-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Drawing II – H7020
Drawing II students will use advanced drawing techniques and processes by exploring a variety of drawing media and subjects. The students will have opportunities to develop more creative and imaginative drawings. Observation, perception, and problem solving skills will be used to develop representational drawings. Inspiration from past and contemporary artists will be used to examine
the countless drawing possibilities.
Prerequisites: 2-D Art Foundations and Drawing I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Illustration – H7118
Students will explore the primary uses, methods, and possibilities of illustration. Students will view traditional illustration techniques in drawing, painting, and printmaking while creating visual interpretations of concepts, processes, and stories. A variety of brainstorming and research activities will aid in the creation of strong visual messages. This course builds upon the knowledge gained in Drawing II or Painting II.
Prerequisite: Drawing II OR Painting II
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Independent Study in Visual Arts – H7120
This course is designed for the student possessing a high degree of independence and responsibility who desires to investigate topics beyond regular course work. The course objectives, outline, and evaluation procedures must be developed by the student and approved by parent/guardian, teacher and submitted to the department chairperson prior to enrollment.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester

Mixed Media – H7090
This course provides a variety of hands-on design projects in relation to contemporary and historic culture. Students will have the opportunity to use the knowledge gained from their art foundation classes to create projects from a variety of materials. The student will be introduced to the areas of surface design, decorative arts, and fiber arts. Cultural research and global connections will be explored. It is beneficial to have both 2-D and 3-D Art Foundations prior to taking this course.
Prerequisite: 2-D Art Foundations or 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Painting I – H7030
This course builds on foundational painting skills with an emphasis on techniques in tempera, watercolor, acrylics, and mixed media. The art elements and principles of design will be used with emphasis on color, composition, and drawing as they relate to painting. Themes relating to art history will also be incorporated along with criticism and aesthetic awareness. In addition, students will be involved in research and written assignments.
Prerequisite: 2-D Art Foundations – Drawing skills are recommended
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Painting II – H7040
Painting II presents new challenges to the student who has succeeded in Painting I by exploration of broader media and concepts. Further exploration of acrylic, watercolor, and mixed media painting will be included in this course. Students will have increased choice in technique, style, and media as they produce meaningful and conceptual works of art. Studying contemporary and historical painters will help students recognize the important role of artists in culture throughout time.
Prerequisites: 2-D Art Foundations and Painting I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Photography I – H7070
Photography provides us with a record of life and insight into humanity. The student will learn the history of this technologically changing medium, investigate careers in photography, critique photography as an art form, and learn basic concepts of traditional photography, digital photography, and darkroom techniques. They will study the operation of cameras with creative exposure controls, learn correct digital image capture procedures, and print their images. Good composition and design will be stressed.
Prerequisite: 2-D Art Foundations or 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Photography II – H7080
The student will learn advanced picture taking techniques. They will study photo law and the ethics involved with the manipulation of images. The student will make high contrast images, toned images, and hand colored photos. Emphasis will be on producing professional looking prints to be displayed. The student will research the history of famous photographers and write a critique of their artwork.
Prerequisite: 2-D Art Foundations or 3-D Art Foundations and Photography I. Digital camera with manual programming modes recommended.
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Sculpture I – H7100
Sculpture is a studio emphasis art course enriched with content from art history, art criticism, and aesthetics. A number of units will be addressed beginning with an exploration of materials such as clay, plaster, paper, adhesives, etc., sculptural artwork, artists, societal influences, and artistic expression. This study is followed by instruction that focuses on the student's development of their own ideas in sculptural form. Within the course, the student is presented with a variety of media and techniques used to form relief and sculpture-in-the-round.
Prerequisite: 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Sculpture II – H7101
Sculpture II builds on the skills learned in Sculpture I with an emphasis on student choice of materials and techniques. Sculpture II is a studio art course enriched with content from art history, art criticism, and aesthetics. A number of units will be addressed beginning with a sustained investigation of materials, such as clay, plaster, paper, adhesives, etc., sculptural artwork, artists, societal influences, and artistic expression. This course incorporates instruction that focuses on self-awareness, development of the students' ideas, and constructing small and large scale forms.
Prerequisite: 3-D Art Foundations and Sculpture I
Open to: 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

Three-Dimensional Art Foundations – H7005
Three-Dimensional Art Foundations is an introductory-level course that provides a solid foundation in the fundamentals of 3-D art, as well as an understanding of aesthetics, art criticism and art history. The student will work with the basic art elements and principles of design while concentrating on 3-D art forms such as ceramics, sculpture and applied design. A variety of media will be incorporated throughout the course.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)
(For a full art experience, it is recommended that 9th graders take both 2-D Art Foundations and 3-D Art Foundations)

Two-Dimensional Art Foundations – H7000
Two-Dimensional Art Foundations is an introductory-level course that provides a solid foundation in the fundamentals of 2-D art production, as well as an understanding of aesthetics, art criticism, and art history. The student will work with the art elements and principles of design while concentrating on 2-D art forms such as drawing, design, printmaking and painting. A variety of media will be incorporated throughout the course. Two-Dimensional Art Foundations satisfies the prerequisite requirements for Drawing I, Painting I, Photography I, Mixed Media and Digital Art I.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)
(For a full art experience, it is recommended that 9th graders take both 2-D Art Foundations and 3-D Art Foundations)

Video Art – H7007
Video Art will explore the essential skills necessary to be successful in the preproduction, production and post-production of video design. Students will be introduced to the artistic and technical evolution of video production. An emphasis on camera functions and computer editing will be stressed. Editing will include audio enhancements and how audio affects the production. In this hands-on class, students will become familiar with the many different careers and roles in the field of audio/video production.
Prerequisite: 2-D or 3-D Art Foundations
Open to: 9, 10, 11, 12
Credit: 1/2 Unit – One Semester (Fine Arts)

World Languages and Cultures Offerings by grade level (for student consideration)				
First Year of Language Study	**Second Year of Language Study**	**Third Year of Language Study**	**Fourth Year of Language Study**	**Fifth Year of Language Study**
French I (Y) 9-12	French II (Y) 9-12 Accelerated French II (Y) 9-12	French III (Y) 10-12 French IV (Y) 11-12	French IV (Y) 11-12 Advanced Placement French Language and Culture (Y) 11-12	Advanced Placement French Language and Culture (Y) 11-12
Spanish I (Y) 9-12 Heritage Spanish Language and Culture (Y) 9-12	Spanish II (Y) 9-12 Accelerated Spanish II (Y) 9-12 Heritage Spanish Language and Culture (Y) 9-12	Spanish III (Y) 10-12 Spanish IV (Y) 11-12	Spanish IV (Y) 11-12 Advanced Placement Spanish Language and Culture (Y) 11-12	Advanced Placement Spanish Language and Culture (Y) 11-12
				Additional options available to Seniors: Cadet Teaching (S) Independent Study World Language (MyPath) Study Abroad (arranged by the student through an outside company)

S = Semester, Y = Year

The World Languages and Cultures Department offers student instruction in French and Spanish. In addition to basic learning in listening, speaking, reading and writing skills, and the study of culture, the world language student may participate in educational experiences. These opportunities include earning college credits for their study in advanced world language classes and participation in cultural activities.

Accelerated French II - H6025

Accelerated French II is a communicative and proficiency based study of language that moves at a rapid pace, covering two levels of language acquisition in a single year. Students will continue their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will extend their abilities in communicating about themselves, others, and the world around them in the present, past and future. Through active participation, students will share and respond to preferences and basic needs. Students will present information and express their opinions as they interact with the language through speaking, reading, writing, and listening, reaching an intermediate level of proficiency by the end of the year. Successful completion of Accelerated French II may enable a student to skip the French III course to move quickly into higher levels of World Language acquisition.

Prerequisite: French I and application process

Open to: 9, 10, 11, 12

Credit: 1 Unit - Two Semesters

Accelerated Spanish II - H6225

Accelerated Spanish II is a communicative and proficiency based study of language that moves at a rapid pace, covering two levels of language acquisition in a single year. Students will continue their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will extend their abilities in communicating about themselves, others, and the world around them in the present, past and future. Through active participation, students will share and respond to preferences and basic needs. Students will present information and express their opinions as they interact with the language through speaking, reading, writing, and listening, reaching an intermediate level of proficiency by the end of the year. Successful completion of Accelerated Spanish II may enable a student to skip the Spanish III course to move quickly into higher levels of World Language acquisition.

Prerequisite: Spanish I and application process

Open to: 9, 10, 11, 12

Credit: 1 Unit - Two Semesters

Advanced Placement French Language and Culture – H6045W – grade weighted course

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The course engages students in an exploration of culture in both contemporary and historical contexts, and develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Students in AP French have the opportunity to take the AP exam and may have the opportunity to earn dual college credit (MHS only). Students must meet the overall GPA eligibility requirement, and fees for the AP exam and dual credit will be paid by the student. See page 9 for more information on Advanced Placement and Dual Credit fees.

Prerequisite: French IV

Open to: 11, 12

Credit: 1 Unit – Two Semesters

Weighted: 1.0

Advanced Placement Spanish Language and Culture – H6251W – grade weighted course
The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The course engages students in an exploration of culture in both contemporary and historical contexts, and develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Students in AP Spanish have the opportunity to take the AP exam and may have the opportunity to earn dual college credit. Students must meet the overall GPA eligibility requirement, and fees for the AP exam and dual credit will be paid by the student. See page 9 for more information on Advanced Placement and Dual Credit fees.
Prerequisite: Spanish IV
Open to: 11, 12
Credit 1 Unit – Two Semesters
Weighted: 1.0

Cadet Teaching – World Languages and Culture – H6260
Cadet Teaching gives the student the opportunity to participate in many activities that both familiarize him/her with the teaching process, as well as strengthen his/her own world language skills. The student will help prepare lessons, tests, and classroom activities. The cadet teacher will also assist small groups of students.
Prerequisite: Application approval
Open to: 12
Credit: 1/2 Unit – One Semester (elective)

French I – H6010
French I is a communicative and proficiency based study of language. Students will enhance their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will build confidence communicating about themselves, others, and the world around them through active participation in basic conversations and simple written formats. Students will interact with the French language through speaking, reading, writing, and listening.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

French II – H6020
French II is a communicative and proficiency based study of language. Students will continue their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will extend their abilities in communicating about themselves, others, and the world around them in the present and past. Through active participation, students will share and respond to preferences and basic needs. Students will present information and express their opinions as they interact with the French language through speaking, reading, writing, and listening.
Prerequisite: French I
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

French III – H6030W – grade weighted course
French III is a communicative and proficiency based study of language. Students will use relevant cultural themes to connect language learning and embrace global citizenship. Students will expand their abilities in communicating about the world around them in various tenses. Through active communication across the three modes (interpersonal, presentational, interpretive), students will participate in conversational exchanges, demonstrate knowledge, and support their opinions. French is the expected language of communication for this class. Students in French III may have the opportunity to earn dual college credit. See page 9 for more information on Dual Credit fees. Students must meet the overall GPA eligibility requirement, and fees for dual credit will be paid by the student.
Prerequisite: French II
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

French IV – H6040W – grade weighted course
French IV is a communicative and proficiency based study of language. Students will use relevant cultural themes to connect language learning and model global citizenship. Students will demonstrate their abilities in communicating about the world around them in various tenses. Through active communication across the three modes (interpersonal, presentational, interpretive), students will participate in conversational exchanges, demonstrate knowledge, and support their opinions using sophisticated vocabulary and structures. Students will produce written communications and read authentic texts which reflect a deeper understanding of the language and cultural perspectives. French is the primary language of communication for this class. Students in French IV may have the opportunity to earn dual college credit. See page 9 for more information on Dual Credit fees. Students must meet the overall GPA eligibility requirement, and fees for dual credit will be paid by the student.
Prerequisite: French III
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

Heritage Spanish Language and Culture - H6205
The Heritage Spanish Language and Culture course is intended for the student who comes into the class with previous spoken Spanish language experience but who may not have formal instruction in the language, including written expression. Class instruction emphasizes interpretive and presentational communication with the goal of academic mastery of the language. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The Heritage Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The course engages students in personal and academic research of Hispanic culture in both contemporary and historical contexts, and develops students' awareness of the influence that cultural products and practices have on perspectives.
Prerequisite: Application and Oral Interview
Open to: 9, 10, 11, 12
Credit: 1 Unit - Two Semesters

Spanish I – H6210
Spanish I is a communicative and proficiency based study of language. Students will enhance their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will build confidence communicating about themselves, others, and the world around them through active participation in basic conversations and simple written formats. Students will interact with the Spanish language through speaking, reading, writing, and listening.
Prerequisite: None
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

Spanish II – H6220
Spanish II is a communicative and proficiency based study of language. Students will continue their path to global citizenship by making connections beyond the content of the language to broader cultural themes. Students will extend their abilities in communicating about themselves, others, and the world around them in the present and past. Through active participation, students will share and respond to preferences and basic needs. Students will present information and express their opinions as they interact with the Spanish language through speaking, reading, writing, and listening.
Prerequisite: Spanish I
Open to: 9, 10, 11, 12
Credit: 1 Unit – Two Semesters

Spanish III – H6230W – grade weighted course
Spanish III is a communicative and proficiency based study of language. Students will use relevant cultural themes to connect language learning and embrace global citizenship. Students will expand their abilities in communicating about the world around them in various tenses. Through active communication across the three modes (interpersonal, presentational, interpretive), students will participate in conversational exchanges, demonstrate knowledge, and support their opinions. Spanish is the expected language of communication for this class. Students in Spanish III may have the opportunity to earn dual college credit. See page 9 for more information on Dual Credit fees. Students must meet the overall GPA eligibility requirement, and fees for dual credit will be paid by the student.
Prerequisite: Spanish II
Open to: 10, 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0

Spanish IV – H6240W – grade weighted course
Spanish IV is a communicative and proficiency based study of language. Students will use relevant cultural themes to connect language learning and model global citizenship. Students will demonstrate their abilities in communicating about the world around them in various tenses. Through active communication across the three modes (interpersonal, presentational, interpretive), students will participate in conversational exchanges, demonstrate knowledge, and support their opinions using sophisticated vocabulary and structures. Students will produce written communications and read authentic texts which reflect a deeper understanding of the language and cultural perspectives. Spanish is the primary language of communication for this class. Students in Spanish IV may have the opportunity to earn dual college credit. See page 9 for more information on Dual Credit fees. Students must meet the overall GPA eligibility requirement, and fees for dual credit will be paid by the student.
Prerequisite: Spanish III
Open to: 11, 12
Credit: 1 Unit – Two Semesters
Weighted: 1.0