Hazelwood School District

"A Culture of High Expectations and Excellence!"

High School Course Registration Guide 2022-2023

College • Career • Life

REDEFINING READY!

Hazelwood School District

In accordance with the provisions of The Americans With Disabilities Act, Title VI of the Civil Rights Act of 1964,

Title IX of the Education Amendments of 1972 and the Regulations thereunder, and P.L. 93-112: Rehabilitation Act of 1973 and Section 504 thereunder, it shall be the policy of the Hazelwood School District that no person shall, on the basis of age, sex, race, handicap, national origin, political or religious beliefs, be excluded from participation in, be denied the benefits of, or subjected to discrimination under any education program or activity conducted by the District, including the employment of professional and non-professional personnel.

Inquiries by persons concerning protection against discrimination assured them by The Americans With Disabilities Act, Title VI, Title IX and Section 504 of the Rehabilitation Act, and the Regulations may be directed by letter or telephone to:

Assistant Superintendent of Student Services Hazelwood School District
15955 New Halls Ferry Road, Florissant, MO 63031
(314) 953-5000
Relay Service 1-800-735-2466

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REGULATIONS AND PROCEDURES FOR HIGH SCHOOL GRADUATION

I. POINTS TO CONSIDER WHEN PLANNING YOUR HIGH SCHOOL PROGRAM OF STUDY

A. A student's program of studies should be cooperatively planned by the student and parent with the assistance of the school to meet the individual needs of the student.

B. All students will be expected to choose a career pathway by the end of 8th grade.

C. To meet high school graduation requirements, all students will complete an Individual Career and Academic Plan (ICAP) consisting of the required units of credit beginning in grade 8 and to be reviewed each year thereafter in grades 09, 10, 11 and 12. Courses chosen should be in the chosen career pathway (see page 21).

D. Some courses may not be available at your school because of enrollment numbers.

E. All courses available in the Hazelwood School District are approved by the Board of Education.

II. VIRTUAL LEARNING OPPORTUNITIES

Any student enrolled in the Hazelwood School District can apply to take a course virtually through the District-approved provider, Launch, or through the Missouri Course Access Program (MOCAP) organized through Missouri's Department of Elementary and Secondary Education (DESE). Students can access advanced courses or foreign language courses through Launch or MOCAP that are not currently offered by Hazelwood School District. Some students take Launch or MOCAP courses to graduate early or to solve scheduling problems. Launch or MOCAP may also be an option for students who are not able to attend school for medical reasons or are involved in special activities. The Hazelwood School District will pay for students who are approved to take classes provided the student was enrolled in the Hazelwood School District in the previous semester to enrolling in the virtual course or courses and the course(s) do not fall outside the student's full course load. ***The student must receive written approval from the building principal and the district Counselor for Alternative Learning Experiences before enrolling in the course or courses.*** Please follow the Virtual Learning link on the HSD website to access the process to apply to take virtual learning courses. Parents or students may also contact their counselor at any time for more information about Launch or MOCAP.

III. COMMUNITY SERVICE REQUIREMENTS

Every student must accumulate 12.5 hours of community service per year of enrollment or have at least 50 hours total of community service to graduate. The district recommends that 25 of these hours or 6.25 hours per year are in an area related to the student's chosen career pathway. Transfer students into the Hazelwood School District will be required to complete twelve and one-half hours of community service for each complete or partial year of enrollment in the district.

Community service hours must be pre-approved. The Assistant Principal in charge of Community Service at the high school will provide students with the approval and evaluation forms and will record the service hours upon successful completion of each project.

IV. GRADUATION REQUIREMENTS

Students should be aware that when courses are taken resulting in more or less than the required units of credit, the cumulative grade point average (GPA) may be affected. This includes summer school, night school, virtual learning courses, and other courses.

A. HAZELWOOD SCHOOL DISTRICT HIGH SCHOOL GRADUATION REQUIREMENTS

1. Students must take the **Missouri End-Of-Course** tests for available courses once they complete the course successfully. Missouri End-of-Course tests will be worth 15% of the student's final grade if state scores are available. End of Course tests required are English 2, Government, Algebra 1, and Biology.
2. A passing score on the Missouri and US Constitution test is required.
3. A passing score on the provisions and principles of American Civics test will be required for students entering ninth grade after July 1, 2017.

The following is a program that meets the minimum Missouri requirements for high school graduation.

	2020-2021
English Language Arts	4.0 credits
Mathematics	4.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Fine Arts	1.0 credit
Practical Arts	1.0 credit
Personal Finance	0.5 credit
Health Education	0.5 credit
Physical Education	1.0 credit
Electives	6.0 credit
TOTAL	**24 credits**

V. COURSES REQUIRED FOR GRADUATION BY DEPARTMENT

ENGLISH LANGUAGE ARTS 4 credits	MATHEMATICS 4 credits*	SOCIAL STUDIES 3 credits	SCIENCE 3 credits
English 1 Honors English 1, or ESOL 1, 2, 3	Algebra 1, Algebra in Manufacturing*, or Foundations of Algebra**	US History or Honors US History or AP US History (W)	Physics First, Honors Physics, or Principles of Biomedical Science
English 2 Honors English 2, or ESOL 1,2,3	Geometry or Honors Geometry	World History or AP World History (W)	Chemistry or Honors Chemistry
English 3 or AP English Language and Composition (W)	Algebra 2 or Honors Algebra 2	Government and ½ credit Social Studies or AP Government (W)	Biology, Honors Biology or AP Biology (W)
1 English Credit	1 Math Credit		

*Algebra in Manufacturing is offered only at East High School

**Students placed in Foundations of Algebra may earn .5 -1 math credits and may complete math requirements after completing Algebra 2.

NOTE: Per Board Policy IKF, "a student may fulfill one unit of academic credit with a district-approved agriculture or career and technical education course for any English language arts, mathematics, science or social studies unit required for high school graduation in any combination up to fulfilling one requirement in each of the four subject areas. The substitution may not be made for courses that require an end-of-course statewide assessment. Unless otherwise waived by law, students who substitute certain courses with agricultural or career and technical courses are still required to complete a course of study of at least one semester in length covering the institutions, branches and functions of the government of the state of Missouri, including local governments, and of the government of the United States and the electoral process."

VI. COLLEGE ADMISSION REQUIREMENTS

The Missouri Coordinating Board of Higher Education (CBHE) has established a recommended 24-unit high school core curriculum guideline for students who plan to enroll in a Missouri college or university. The CBHE 24-unit high school core curriculum is designed to prepare high school students for access to and retention/success in collegiate-level work. Students are expected to demonstrate competency in high school core content. Failure to do so may result in placement in developmental/remedial coursework at an additional time and expense to the student.

Coordinating Board of Higher Education Recommended Coursework		
ENGLISH	**4 CREDITS**	Speech courses may be included. Courses that emphasize student publications, broadcast media, or theater are not accepted as core curriculum.
MATHEMATICS	**4 CREDITS**	At least one mathematics course should be taken each year. It is particularly important that students take a mathematics course in grade 12. Coursework that emphasizes pre-algebra, computer math/programming, consumer/basic math, or business math/accounting is not accepted as core curriculum.
SOCIAL STUDIES	**3 CREDITS**	Including one credit of U.S. History and one semester of Government
SCIENCE	**3 CREDITS**	Not including general science, one of which must be a laboratory course
FINE ARTS	**1 CREDIT**	Selected from courses in visual arts, music, dance, or theater. Critical analysis, theory, or "appreciation" courses may be included.
ADDITIONAL COURSEWORK	**3 CREDITS**	Missouri public high school students are required by the State Board of Education to complete units in practical arts (1), physical education (1), health education (1/2), and personal finance (1/2)
ELECTIVES	**6 CREDITS**	All students should complete at least 3 total elective units in foreign language and/or other courses within high school core content areas defined below. Two units of a single foreign language are strongly recommended.

A. Missouri highly selective universities admit first-time, full time degree-seeking students and transfer students who have:

- Completed 23 or fewer credit hours.
- Attained a combined percentile score (from adding their high school percentile rank and the percentile rank attained on the ACT or SAT) that is greater than or equal to 140 points.

Students who achieve a score of 27 or better on the ACT or an equivalent score on the SAT are automatically admitted to highly selective institutions.

No more than ten percent of the first-time, full time degree-seeking freshman class will have a combined percentile score of 139 or less.

Missouri's highly selective institutions are:

- Missouri University of Science & Technology
- Truman State University

B. Missouri selective colleges and universities admit first-time, full time degree-seeking students and transfer students who have:

- Completed 23 or fewer credit hours.
- Attained a combined percentile score (from adding their high school percentile rank and the percentile rank attained on the ACT or SAT) that is greater than or equal to 120 points.

Students who achieve a score of 24 or better on the ACT or an equivalent score on the SAT are automatically admitted to selective institutions.

No more than ten percent of the first-time, full time degree-seeking freshman class will have a combined percentile score of 119 or less.

Missouri's selective institutions:

- Missouri State University
- University of Missouri - Columbia
- University of Missouri - Kansas City
- University of Missouri - St. Louis

C. Missouri moderately selective colleges and universities admit first-time, full time degree-seeking students and transfer students who have:

- Completed 23 or fewer credit hours.
- Attained a combined percentile score (from adding their high school percentile rank and the percentile rank attained on the ACT or SAT) that is greater than or equal to 100 points.

Students who achieve a score of 21 or better on the ACT or an equivalent score on the SAT are automatically admitted to moderately selective institutions.

No more than ten percent of the first-time, full time degree-seeking freshman class will have a combined percentile score of 99 or less.

Missouri's moderately selective institutions:

- University of Central Missouri
- Missouri Southern State University
- Northwest Missouri State University
- Southeast Missouri State University

D. Missouri open enrollment colleges and universities may admit any Missouri resident with a high school diploma or its equivalent as a first-time, full time degree-seeking freshman. Open access to a particular institution, however, does not guarantee access to selected programs that may have additional institutionally approved admission criteria. Public two-year colleges must provide open enrollment.

Missouri's open enrollment institutions:

- Crowder College

- East Central College
- Harris-Stowe State University
- Jefferson College
- Lincoln University
- State Technical College of Missouri
- Metropolitan Community Colleges
- Mineral Area College
- Missouri State University - West Plains
- Missouri Western State University
- Moberly Area Community College
- North Central Missouri College
- Ozarks Technical Community College
- St. Charles Community College
- St. Louis Community Colleges
- State Fair Community College
- Three Rivers College

E. The counseling office has information about Missouri vocational and technical schools, community colleges, four-year colleges, and universities. ACT and SAT admission test registration information and forms are also available. Admission representatives schedule meetings at each high school throughout the school year and meet with prospective students at the District's College and Career Night held each fall.

VII. NCAA COLLEGE FRESHMAN ELIGIBILITY REQUIREMENTS

In addition to standard college entrance requirements, a student planning to participate in college athletics must meet other specific requirements. Below are criteria for students and parents to review. Please speak with the high school counselor for additional information should you need assistance. ***Edgenuity courses will not count as credit for NCAA.***

If planning on attending a NCAA Division 1 or Division 2 school, a student **MUST** sign up with the NCAA eligibility center at www.eligibilitycenter.org . Prospective student-athletes must also:

- Pay a fee of $90 (if a student has received a fee waiver for the ACT, they may receive a waiver from the NCAA eligibility center)
- Send ACT scores and transcripts directly to:
  NCAA Eligibility Center, Certification Processing, P.O. Box 7136, Indianapolis, IN 46207
  Code: 9999

- Each high school in the Hazelwood School District has an assigned school code that students will need to register:
  Central School Code: 261102
  East School Code: 261108
  West School Code: 261109

NCAA Division 1 Requirements: (Ex. Mizzou, SLU, SEMO, Missouri State, SIU-E, SIU-C) Prospective student-athletes must:

- Be admitted by regular admissions process
- Have a **CORE** (English, math, science, social studies & foreign language) GPA of 2.3 or better
- Complete 16 specific core class
- Have attained the required ACT or SAT score based on a sliding scale

NCAA Division 2 Requirements: (Ex. UMSL, Lindenwood, Maryville, University of Central Missouri, Missouri Western)

Prospective student-athletes must:

- Be admitted by regular admissions process
- Complete 16 specific core classes
- Have a Core GPA of 2.2 or higher
- Have the required ACT or SAT score based on sliding scale

NCAA Division 3 Requirements: (Ex. Washington U., Webster, Fontbonne, Westminster, Greenville)* Prospective student-athletes must:

- Exhibit academic success in high school

***NCAA Division 3 colleges give grants for assistance and do not give athletic scholarships.**

NAIA Requirements:

If planning on attending an NAIA school, a student **MUST** sign up with the NAIA eligibility center at www.playnaia.org. Signing up allows prospective student-athletes the opportunity to create a personal profile that can be sent to selected NAIA schools. Prospective student-athletes must also:

- Pay a fee of $80 (if a student has received a fee waiver for the ACT, they may receive a waiver from the NAIA eligibility center)
- Send ACT scores and transcripts directly to:
  NAIA Eligibility Center, P.O. Box 15340, Kansas City, MO 64106 Code: **9876**

NAIA Requirements: (Ex. Missouri Valley, Central Methodist, Culver-Stockton, Lindenwood- Belleville)
Prospective student-athletes must:

- Be admitted into school by regular admissions process
- Meet **2 of 3** following criteria:
  1) Minimum **OVERALL** GPA of 2.000 on a 4.0 scale
  2) Minimum composite ACT score of 18
  3) Be in Top 50% of graduating class

Junior College Requirements: (St. Louis Community Colleges, St. Charles Community College, Fort Scott, Kaskaskia College, Mineral Area, Moberly)
Prospective student-athletes must:

- Graduate from High School

If a prospective student-athlete is considering attending an out of state junior college it is important to note that those schools are limited to the number of out of state athletes they can have on their sports rosters.

DIVISION I 16 Core Course Rule	
16 CORE COURSES:	
4	years of English
3	years of mathematics (Algebra 1 or higher)
2	years of natural/physical science (1 year of lab if offered by high school).
1	year of additional English, mathematics or natural/physical science.
2	years of social science
4	years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).
Earn a 2.3 GPA in all core courses	

DIVISION II 16 Core Course Rule	
16 CORE COURSES:	
3	years of English
2	years of mathematics (Algebra 1 or higher)
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science
4	years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).
Earn a 2.2 GPA in all core courses	

Use for Division I after August 1, 2016

NCAA DIVISION I SLIDING SCALE

CORE GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53

CORE GPA	SAT Verbal and Math ONLY	ACT Sum
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.8025	690	56
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.175	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75

NOTE: The "Sum Score" for ACT is the combined scores from the English, reading, math, and science sections of the test.

Use for Division II beginning August 1, 2018

NCAA DIVISION I SLIDING SCALE

CORE GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
28.25	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.175	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

VIII. EDUCATIONAL OPTIONS

The Hazelwood School District realizes that an effective educational program is one that provides opportunities for students to learn both within and beyond the traditional classroom. These expanded opportunities are viewed as educational options designed to supplement the regular educational program.

A. STUDENTS WITH INDIVIDUALIZED EDUCATION PROGRAMS (IEP)

1. MODIFIED CURRICULUM

A student may only be enrolled in a modified class if that service is specified in his/her Individualized Education Plan (IEP).Course Title ("Modified" followed by the standard course title)

a. Modified Credit: A student may earn credit for a modified course when the following guidelines are met:

(1) The student meets state standards as expressed in the grade level or course level expectations.

(2) The student will have modifications and/or adaptations in 50% or more of the class work in a regular education class, in the areas and settings specified by the IEP team. The preference is always for the student to receive instruction in a regular education class. **OR**

(3) The student may receive instruction in a separate modified class in which 50% or more of the instruction is modified or adapted, in the areas and settings specified by the IEP team. The preference is always for the student to receive instruction in a regular education class.

b. Content

(1) Course content meets state standards as expressed in the grade level or course level expectations.

(2) Instructional strategies, assessment strategies, and learning and assessment time may be adapted or modified, but not the grade level expectations.

c. Performance and Assessment

(1) Student will complete at least one performance activity each quarter. Project work will be assessed and averaged as a performance evaluation grade.

(2) Student will complete self-reflection activities that will be assessed and averaged as a learning activity or performance evaluation grade.

(3) Any assessment may be modified or adapted, including the amount of time allotted for the assessment, but the student must be assessed on the appropriate grade level expectations.

d. Materials

(1) Regular education course materials will be used, but may be supplemented, modified, or adapted.

(2) Students will use technology for at least part of the coursework to support their learning.

2.FUNCTIONAL CURRICULUM

A student may only be enrolled in a functional class if that service is specified in his/her Individualized Education Program (IEP).

a. **Course Title ("Functional" followed by the standard course title)**

b. **Functional Credit**

(1) A student may earn credit for a Functional course when he/she meets standards as modified or adapted from the grade level or course level expectations in the areas and settings specified by the IEP team.

(2) The student will meet the requirements of the functional curriculum written by the Special School District staff.

c. **Content**

(1) Course content meets state standards as modified from the grade level or course level expectations.

(2) Instructional strategies, assessment strategies, learning and assessment time, and grade level expectations may be adapted or modified.

d. **Performance and Assessment**

(1) Student will complete at least one performance activity each quarter. Project work will be assessed and averaged as a performance evaluation grade.

(2) Student will complete self-reflection activities that will be assessed and averaged as a learning activity or performance evaluation grade.

(3) Any assessment and grade level expectation may be modified or adapted, including the amount of time allotted for the assessment, in the areas and settings specified by the IEP team.

e. **Materials**

(1) Course materials will align to modified or adapted grade level expectations.

(2) Students will use technology for at least part of the coursework to support their learning

B. GIFTED EDUCATION

For high school students who are identified as gifted, a gifted education facilitator is available to deliver a range of personalized services. These services include:

- Supporting students in their transition from middle school to high school
- Delivering information and guiding students and their parents and families in developing long-range plans to help them prepare to apply and then gain admission to highly selective colleges and universities and military service academies and/or pursue other post-secondary college and career preparation options
- Helping students to select classes that best serve their unique needs, including Advanced Placement, dual credit, and advanced STEM, arts, and foreign language classes
- Connecting students with opportunities for academic enrichment, both within our schools and outside of our schools at our local universities and other providers of educational services
- Aiding students in gaining acceptance to and participating in academic enrichment and professional/career exploration and readiness programming both during the school year and in the summer
- Promoting the emotional and physical health of our students in collaboration with licensed providers of specialized health services both within our high schools and in the Hazelwood and Saint Louis metropolitan area

C. COLLEGE CREDIT

Five programs for earning college credit while enrolled in high school are available to students who qualify and receive the approval of the principal. **Before enrolling for college credit, students should verify that the college or university they plan to attend will accept the credit.**

1. **Dual Enrollment.** Students on track for graduation and not deficient on credits may enroll in colleges or universities; these courses are taught on the college campus. Students must meet the requirements of the specific institution to participate, and Hazelwood School District must have an agreement in place with the college or university. A fee may be applicable. Students may receive high school credit for dual enrollment classes **if pre-approved by the building principal and Assistant Superintendent over the high schools** prior to the start of the school year. The course must be a course that the school does not already offer for dual credit or AP credit.

   According to the state of Missouri Department of Elementary and Secondary Education, typical conversion is: a five hour dual enrollment course is the equivalent of one high school credit, a four hour dual enrollment course is the equivalent of three quarters of a high school credit, a three hour dual enrollment course is the equivalent of a half of a high school credit.

2. **Dual Credit.** Students who meet the minimum instruction based requirements may achieve college credit through a cooperative arrangement with Saint Louis University, Saint Louis Community College, University of Central Missouri, or University of Missouri – St. Louis. Sophomores, juniors and seniors may receive both high school and college credit for selected regular high school courses. A tuition fee is charged by the university. These courses are taught at the high school. Dual Credit is based on teacher certification.

3. **Advanced Placement** (AP) Courses. Students may obtain advanced placement and/or college credit by taking advanced courses and receiving a particular score on the AP exam. Awarded credit will be determined by the post-secondary institution. **Students who take Advanced Placement courses are strongly encouraged to take the AP exam**. There are no specific course requirements for a student to be eligible to take the AP exam. However, there are specific advanced courses which will prepare students to be successful on the exam. Advanced Placement courses are available in World History, Government, Comparative Government and Politics, U.S. History, Human Geography, English Literature and Composition, English Language and Composition, Spanish, French, German, Statistics, Calculus, Environmental Science, Biology, Physics, Chemistry, Psychology, Art History, Studio Art, and Music Theory, which will assist students in preparing for the AP exam. Each advanced placement course is also a weighted course which will be designated with a "W" on the student's transcript. For each AP course in which a student receives a "C" or better, one point will be added to the total of his/her grades to recognize the rigor of the course.

Students in AP courses will have access to extra support through AP Academy and AP Boot Camp. AP Academy offers weekly tutoring sessions for students and AP Boot Camp is a four day camp offered in the summer designed to support students in strengthening their prerequisite knowledge, test taking skills, close reading skills, and writing skills. Students who earn a C or lower in an AP class who would like to take an AP class or classes in the same content area in the upcoming year will be encouraged to attend AP Boot Camp over the summer or an accelerated support option approved by the principal.

4. **Career and Technical Education Dual Credit.**
Students may receive (for a fee) college credit for several Career and Technical Education courses from various universities in Missouri and outside of Missouri. Students will be able to check with their Project Lead The Way teachers if the course they are taking is available for Dual Credit or not. Students will also have the opportunity to earn Dual Credit in three Family and Consumer Sciences courses; Culinary Arts 2, Exploring the Teaching Profession, and Teaching Profession Internship.

5. **Seal of Biliteracy:** Students who are awarded the Seal of Biliteracy may receive college or university credit for a foreign language. Students who are interested in applying for the Seal of Biliteracy should see their counselor for more information.

6. **Articulated Credit with St. Louis Community College.** The Hazelwood School District has completed Articles of Agreement for Articulation with St. Louis Community College for approved course work taken in high school by students who plan to enroll in Career and Technical Education (CTE) programs at St. Louis Community College (STLCC). Teachers in STLCC articulated courses will provide instructions for students to register online during class for articulated credit using the CATEMA system.

ARTICULATED CREDIT PROCESS

What is articulated credit?

Articulated credit is college credit earned while a student is in high school. The credit is awarded for a high school course that is associated with a comparable college-level course, for which there is a signed articulation agreement developed by faculty and agreed upon by administration at both the secondary and postsecondary levels. *Articulated credit can be applied at St. Louis Community College (STLCC) toward an Associate in Applied Science degree or certificate program.* ***This credit is not awarded for Associate in Arts (transfer) degrees.***

What requirements does a student have to meet to receive articulated credit?

To be eligible for articulated credit, a student **must** have:

1) Received a letter grade of "**B**" or higher for high school coursework that is articulated.
2) Submitted an STLCC application for admission along with an official high school transcript to the appropriate campus Admissions office.
3) Identify themselves as having earned articulated credit while enrolled in high school when meeting with an academic advisor, counselor, recruiter, or CTE retention specialist.
4) Completed at least one (1) credit hour of college-level coursework towards an Associate of Applied Science degree or certificate program at STLCC with a 2.0 GPA or higher.

What is the deadline to apply articulated credit(s) to a student's STLCC transcript?

Students must meet eligibility for articulated credit *within three years of graduation* from high school.

How is articulated credit recorded on a student's STLCC transcript?

The student, academic advisor, or counselor assisting the student *must* contact the campus Career and Technical Education (CTE) Retention Specialist to have the articulated credit applied. A

maximum of twelve (12) credit hours of articulated coursework will be applied to the student's transcript. Exceptions for additional credit will only be made for specific programs approved by STLCC.

Credit for articulated courses will be recorded on a student's transcript by course title. Credit hours will be recorded on the transcript as an **"R"** (credit). Letter grades *will not* be applied to the transcript for college-level course work. However, credit hours may count towards completion of an Associate in Applied Science degree or certificate program at STLCC.

Does articulated credit transfer to other colleges or universities?

The articulation agreements are exclusive to STLCC Career and Technical Education programs. *No assurance is given that courses credited by STLCC through articulation agreements will transfer to other post-secondary institutions*. Students should check with an academic advisor at the transfer institution to confirm if credit(s) will transfer.

KENYA BUFORD Email: kbuford10@stlcc.edu **Phone:** 314-513-4633
Florissant Valley, Bridge Park & Center for Workforce Innovation

KAYLA DIETZ Email: kdenzik@stlcc.edu **Phone:** 314-644-9226
Forest Park & William J. Harrison Education Center

YVETTE SCHULTZ Email: yschultz1@stlcc.edu **Phone:** 314-984-7586
Meramec, South County & Wildwood

For more information visit the STLCC website: https://catalog.stlcc.edu/programs/signed-articulation-agreements/

ARTICULATED COURSES

Approved Courses for STLCC Articulated College Credit HSD Course Title	St. Louis Community College STLCC Articulated Course Title	STLCC Course#	Credit Hours
Administrative Support Program of Study – Office Information Coordinator			
Computer Business Applications	Microcomputer Applications – Word Processing	IS 119	1
Computer Business Apps 2	***College Recommends IS151 Computer Applications in Business***	IS 151	4
Business Technology	Micro Computer Applications – Intermediate Word Processing	IS 157	1
Web Design	HTML	IS 129	1
Accounting			
Accounting 1 & 2	Applied Accounting	ACC 100	3
Early Childhood Education			
Child Development, Care & Guidance	Child Growth and Development	ECE 125	3
Advanced Child and Human Development	Intro to Early Care and Education	ECE 101	3
Culinary Arts Program of Study			
Nutrition & Wellness Culinary Arts 1 Culinary Arts 2	Safety & Sanitation (ServSafe Certificate) Food Preparation Theory Food Preparation Practical **(Credit by Exam – 70%)**	CUL 101 CUL 115 CUL 110	1 3 3
PLTW – Pathway to Engineering (Articulated Credit or Dual Credit)			
Intro to Engineering Design	Intro to Engineering Design	EGR 147	3
Principles of Engineering	Principles of Engineering	GE 121	3
Digital Electronics	Fund of Digital Electronics	EE 121	3
Computer Integrated Manufacturing	Computer Integrated Manufacturing	ME 121	3
Engineering Design & Development	Engineering Design & Development	GE:122	3
Aerospace Engineering	Intro to Aerospace Engineering	GE:151	3
PLTW – Biomedical Sciences			
Medical Interventions	Basic Laboratory Methods	BIOM 104	3

*Not available for Dual Credit

D. HAZELWOOD HONORS COURSES

Hazelwood honors courses provide high levels of rigor to students to better prepare for advanced courses. Honors courses are weighted with 0.5. All honors courses will be indicated as an honors class within the title of the course.

E. HAZELWOOD WEIGHTED COURSES

For each weighted course in which a student receives a "C" or better, points will be added to the total of his/her grades to recognize the rigor of the course. The following weighted grade point scale will be used to differentiate between weighted and non-weighted courses. A "W" will be placed next to weighted courses on the student's transcript. Honors courses will be weighted with a 0.5 point.

Grade	Non-Weighted Course	Weighted Course
A	4	5
B	3	4
C	2	3
D	1	1
F	0	0

Weighted courses with one point weight include the following except Honors Courses, which are worth 0.5:

- All AP Courses
- Spanish, French, German 3 (W)
- Spanish, French, German 4 (W)
- Spanish, French, German 5 (W)
- Medical Interventions (W)
- Biomedical Innovations (W)
- Digital Electronics (W)
- Civil Engineering & Architecture (W)
- Astronomy (W)
- Dual Credit (W)
- Aerospace Engineering (W)
- Engineering Design and Development (W)
- Computer Science Principles (W)
- Computer Science A (W)
- Cybersecurity (W)
- Organic Chemistry (W)
- Biochemistry (W)
- Anatomy and Physiology (W)
- Honors Courses (0.5 points) (W)

F. RECOGNITION SYSTEM

Graduating seniors will be recognized with a "cum laude" system, using the following grade point ranges:

4.00 and above:	Summa cum laude
3.75 – 3.99:	Magna cum laude
3.50 – 3.749:	Cum laude

"Cum laude," "magna cum laude" or "summa cum laude" will appear on the diplomas of qualifying students and on their transcripts issued after graduation. Class quartile will also be designated on the transcripts. The purpose of this plan is to encourage more students to take more rigorous courses.

G. VIRTUAL LEARNING COURSES AND NIGHT COURSES

Students in grades 9-12 may enroll in virtual learning courses or night courses. The Hazelwood School District offers virtual learning courses through Launch. Students may also take virtual learning courses through any Missouri Course Access and Virtual School Program (MOCAP) provider. **Virtual learning courses may not be recognized by NCAA**. Credit may be counted toward high school graduation

requirements if the following criteria are met:

A student must meet with a counselor at the high school at which they attend in order to begin participation in any of the programs listed.

Night Courses:

1. The credit earned meets the requirements of the Hazelwood School District for high school graduation.
2. The night school course is offered by a school accredited by a state department of education or the North Central Association.
3. The student must receive written approval from the building principal before enrolling in the course.

Credit Recovery:

4. Currently the Hazelwood School District offers virtual learning course work and credit recovery with Edgenuity and Launch. Edgenuity and Launch are rigorous online programs for students to earn high school credit. Students and parents may contact a counselor at any time to see if Launch or Edgenuity is right for their child. The Hazelwood School District will pay for students to take courses through Launch or Edgenuity if the courses do not extend beyond a student's full course load.

Missouri Course Access Program Virtual Learning Courses:

(See page 1)

H. INDEPENDENT STUDY

Credit may be granted to students for ***Independent Study*** and counted toward the high school graduation requirements. The courses are offered for the advanced student who demonstrates a need to pursue development in a particular curriculum beyond the regular program of studies according to the following guidelines:

1. The program is under the guidance and direction of the school district faculty.
2. The program is carefully planned, supervised, and evaluated in accordance with Board of Education policies and administrative regulations on curriculum development and special programs.
3. The student has demonstrated high academic achievement and the ability to sustain a long-term project.
4. The program meets the criteria specified by the State Department of Education.
5. Parental approval is given in writing.
6. The student and the program have been approved by the principal in advance.
7. Prior to the beginning of the semester, the proposed program of studies must be submitted to the supervising Assistant Superintendent for Instruction for approval.

I. TECHNICAL HIGH SCHOOLS

High school students who wish to prepare for jobs in technical areas may apply for admission to North Technical High School or South Technical High School. A one-year or half year exploratory option for sophomores is available with two-year training to follow for qualifying students. Two-year programs for juniors are available on a half-day basis. For half-day programs, technical classes will be taken at the technical high school, and remaining classes will be taken at the home high school.

Auto Collision Repair	Emergency Medical Technician	Hospitality Business & Entrepreneurship
Automotive Technology	Firefighting	Law Enforcement
Carpentry	Graphic Design	Precision Machining
CISCO Networking Academy	Health Sciences	Veterinary Assistant
Diesel Technology	Heating Ventilation & Air Conditioning	Web and Computer Programming
Early Childhood Education	Homeland Security & Preparedness	Welding
Electrical Trades	Construction Innovations	Construction Outdoor Maintenance

Technical High School course descriptions are available in the guidance office at each high school or at the Technical High Schools.

Half-Day Program: Academic classes are completed at the student's Hazelwood High School and the technical classes are completed at the Technical High School.

When to Apply? Students planning to attend North Tech in the fall are strongly encouraged to apply as early as September. Acceptance rounds begin in late fall and continue through the school year. It is important to apply early as programs will fill.

How to Apply?

1. Complete an application online at https://www.ssdmo.org/northtech.
2. Meet or contact your school's admission representative to complete the application process https://www.ssdmo.org/domain/210.

Hazelwood School District

House Bill 1189

Policy and Procedures

Hazelwood School District policy IKF states that "A student may fulfill one unit of academic credit with a district-approved agriculture or career and technical education course for any English language arts, mathematics, science or social studies unit required for high school graduation in any combination up to fulfilling one requirement in each of the four subject areas. The substitution may not be made for courses that require an end-of-course statewide assessment. Unless otherwise waived by law, students who waive a social studies unit under this section are still required to complete a course of study of at least one semester in length covering the institutions, branches and functions of the government of the state of Missouri, including local governments, and of the government of the United States and the electoral process. Students are also required to meet state requirements regarding American civics. (§ 170.017, RSMo.)."

This policy allows students in the Hazelwood School District to choose to take an extra CTE (Career and Technical Education) credit in place of one English, Science, Social Studies, or Math credit. In order for students to replace a core area credit for a CTE credit, the following criteria must be met:

- Student must be in Junior or Senior standing during year of substitution.
- Student must be on track to graduate high school as scheduled.
- Student must get application signed by parent/guardian and approved by counselor, building principal, CTE Coordinator, and Assistant Superintendent of High Schools.
- Student may not substitute a core area class that has an associated End Of Course exam.
- Students may substitute up to one credit from each of the four content areas (English, Math, Science, and Social Studies).
- Students may not substitute for a failed core area course.
- Students may only substitute with the following CTE courses:

    - Advanced Marketing 1 & 2
    - Marketing Education Internship
    - Business Technology
    - Business Education Internship
    - Exploring The Teaching Profession
    - Teaching Profession Internship
    - Culinary Arts 2
    - Health Occupations 1
    - Health Occupations 2
    - Introduction to Engineering Design
    - Principles of Engineering
    - Digital Electronics
    - Civil Engineering & Architecture
    - Aerospace Engineering
    - Engineering Design & Development
    - Computer Science Essentials
    - Computer Science Principles
    - Computer Science A
    - Cybersecurity
    - Principles of Biomedical Sciences
    - Human Body Systems
    - Medical Interventions
    - Biomedical Innovations
    - CAPS: Medicine and Bioscience
    - CAPS: Engineering and Construction

House Bill 1189 (Policy IKF)
Application

Student Name:_____ Student ID:_____

Current Grade Level: 10 or 11 School Year Substitution Will Occur:_____

Please check which CTE course(s) the student would like to take:

☐Advanced Marketing 1 & 2
☐Marketing Education Internship
☐Business Technology
☐Business Education Internship
☐Exploring The Teaching Profession
☐Teaching Profession Internship
☐Culinary Arts 2
☐Health Occupations 1
☐Health Occupations 2
☐Introduction to Engineering Design
☐Principles of Engineering
☐Digital Electronics
☐Civil Engineering & Architecture
☐Aerospace Engineering
☐Engineering Design & Development
☐Computer Science Essentials
☐Computer Science Principles
☐Computer Science A
☐Cybersecurity
☐Principles of Biomedical Sciences
☐Human Body Systems
☐Medical Interventions
☐Biomedical Innovations
☐CAPS: Medicine and Bioscience
☐CAPS: Engineering and Construct

Core area course(s) to be substituted:

ELA:_____ Math:_____
Science:_____ Social Studies:_____

Approval:

Counselor:_____ Parent/Guardian:_____

Principal:_____ CTE Curr. Coordinator:_____

Assist Superintendent of High School Programming:_____

IX. FOUR-YEAR ATTENDANCE REQUIREMENT

Four years (eight semesters) of attendance after grade eight are required in addition to the minimum credits of required credit in order to graduate from high school.

A. A Student may graduate in less than four years if the following criteria are met:

1. Completing the required units of credit for graduation.
2. Completing a minimum of three years (6 semesters) of attendance in grades 09 and above.
3. Making application to and receiving **the approval of the principal before completion of the fifth semester**. Appropriate supporting information to indicate that early graduation is in the best interest of the individual student must accompany the application. A 3.0 (cumulative) or above grade-point average is required and must be maintained.
4. Obtaining written parental approval.
    a. Presenting a recommendation from the student's counselor to the principal that early graduation is in the best interest of the student.
5. Complete all state required Missouri Assessment Program End of Course exams.
6. Documented completion of the community service requirement needed for graduation.

B. Students may leave high school before completing the fourth year of attendance if they can present supporting information to indicate a special need to continue their educational experience in college, vocational school, or apprenticeship training for the remainder of time required to complete the four years.

C. Special cases caused by unforeseen or extenuating circumstances, including health reasons, may be presented to a committee for review. The membership of this committee will be the Assistant Superintendent for Instruction, the principal, and the student's counselor, and the social worker.

D. The last two credits applied toward graduation shall be earned while the student is enrolled in a high school program of the Hazelwood School District.

X. HIGH SCHOOL CERTIFICATE OF ATTENDANCE – Foreign Exchange Students Only

When parents, students and school staff agree that the foreign exchange student cannot meet the graduation requirements, the student will be classified as a junior and may be placed in a program leading to a certificate of attendance.

XI. TRANSFER STUDENTS

Transfer students will be permitted to graduate if they are unable to meet specific requirements due to conditions beyond their control according to the following:

A. They would have graduated from the former school if they had not transferred.
B. They continue to do satisfactory work after the day of transfer.
C. They have transferred from an accredited school under the supervision of administrators and instruction of teachers who meet other standards of the North Central Association or the regional accrediting association where the former school is located, or the standards of a foreign country in case of transfers from foreign schools.
D. The credit transferred is acceptable under Missouri law.

Appropriate coursework will be determined for Immigrant and Refugee students by the EL staff.

XII. MISSOURI OPTION PROGRAM

The Missouri Option program is a high school diploma program developed by the Missouri Department of Elementary and Secondary Education (DESE). The program is for students who are at least seventeen (17) years of age and are in their fourth year of high school, or not older than twenty (20), who are at least one academic year behind their cohort (7 credits) or have other demonstrated needs. Cohort is defined as the year that the student enrolled in kindergarten.

A. The process for enrollment is as follows:

1. Students must be officially enrolled in one of the three Hazelwood School District high schools to enroll in the Missouri Option Program. The student does not need to be enrolled when they apply, but once they are accepted, they must enroll. The student must also live in the District boundary area.
2. Students must demonstrate a minimum proficiency of at least the 8th grade on the reading and mathematics sections of the Test of Adult Basic Education (TABE). Monthly test dates are scheduled for each high school by the Missouri Option teacher.

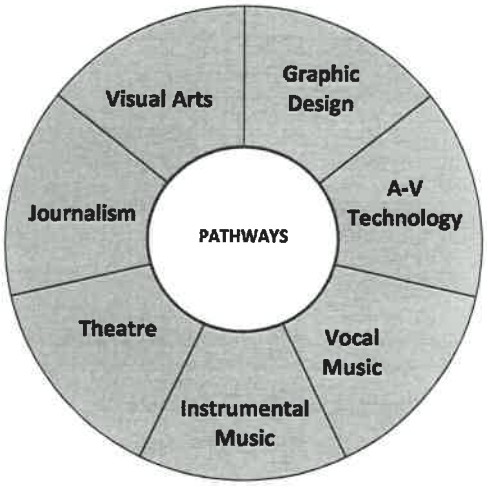
B. A student will complete the program and receive their Hazelwood School District diploma when they have met the following criteria:

1. ½ credit in an American Government class and:
    a. A passing score on the Missouri Constitution Test
    b. A passing score on the U.S. Constitution Test
2. ½ credit in a Personal Finance class
3. ½ credit in a Health class
4. Complete required EOC exams – Algebra 1, Algebra 2, Biology, Government and English
5. Earn passing scores on the five sections of the High School Equivalency Test (HiSET) exam
    a. Language Arts – Writing – 2 parts
    b. Language Arts – Reading
    c. Mathematics
    d. Social Studies
    e. Science
6. Successful completion of the fifteen (15) classroom hours per week required for the program by DESE

XIII. CAREER PATHWAYS

ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

If you are interested in working in this cluster, you will have two avenues. One is to be the performer of artist. The other is to work behind the scenes to make the performance or publication happen. As a reporter, actor, or fine artist, you would use your creative talent to ensure that a concert or magazine is successful, you would use computers and sound equipment. This occupations in this cluster allow you to use your creativity, talent, and technical skills.



Student Organizations:

- Drama Club
- Band
- Orchestra
- Choir
- Musical Orchestra Pit

PATHWAYS

COURSES

Visual Art: Visual artists create art to communicate ideas, thoughts, or feelings. You would use a variety of methods such as painting, sculpting, and illustrating. You would create art to satisfy your need for self-expression. Or you might use your artistic skills at corporations; retail stores; and advertising, design, and publishing firms.

- Computer Applications 1
- Computer Applications 2
- Art & Design
- Drawing 1
- Drawing 2 / Painting 1 / Pottery 1
- Painting 1 / Painting 2 / Pottery 2
- Advanced Studio Art / Independent Study
- AP Art History

Graphic Design: In the Graphic Design pathway, you will focus on two dimensional design to communicate a message through images, words, or graphics. Graphic designers use desktop publishing software and techniques in their practice. As a Graphic Designer, you might work for a computer company, a marketing or advertising company, a theatre company, or a convention center.

- Computer Applications 1
- Computer Applications 2
- Art & Design
- Drawing 1
- Introduction to Graphic Design
- Web Design
- Computer Graphics Advanced
- Advanced Studio Art

Audio /Visual Technology: In the Audio/Video Technology and Film pathway, you work with the equipment used in producing sounds and images. You would make sure the equipment is available and working. You might work for hotels, convention centers, schools, movie theatres, and stadiums. Another option is to work for companies that rent or sell wounds and video equipment.

- Computer Applications 1
- Computer Applications 2
- Introduction to Theatre
- Art & Design
- State Design 1
- Media Literacy
- Media Production

Journalism: In the Journalism pathway, you would make sure that radio and television programs and movies reach the public. You could prepare the content and make broadcasts. During the show, you could record or transmit the program. In addition, you could be involved with the publication of newspapers and magazines. As a writer or photographer, you would produce the stories or articles. As an editor, you would plan the content and assign the work.

- Computer Applications 1
- Computer Applications 2
- Scholastic Journalism 1
- Media Literacy
- Scholastic Journalism 2
- Media Production
- Speech 1
- Scholastic Journalism 3

Theatre: As a worker in the Theatre pathway, you might be a performer or responsible for putting on plays and concerts. You could coordinate all the activities associates with putting on a concert or play. Or you might represent the actors or musicians to help them find jobs. Another option is to put on the live entertainment.

- Introduction to Theatre/Acting 1
- Acting 2
- Stage Movement
- Stage Design 1
- State Design 2
- Honors Theatre Practicum
- Independent Study for Theatre

Vocal Music: As a work in the Vocal Music pathway, you might be a performer or responsible for putting on concerts. You could coordinate all the activities associated with putting on a concert. Or you might represent musicians to help them find jobs. Another option is to put on the live entertainment.

- Mixed Choir
- Girls/Boy Choir or Concert Choir
- Popular Music in American History
- Music Theory 1
- Music Theory 2
- AP Music Theory

Instrumental Music: As a worker in the Instrument Music pathway, you might be a performer or responsible for putting on concerts. You could coordinate all the activities associated with putting on a concert. Or you might represent musicians to help them find jobs. Another option is to put on the live entertainment.

- Concert Orchestra, Symphonic Orchestra, Concert Band, or Symphonic Band
- Popular Music in American History
- Music Theory 1
- Music Theory 2
- AP Music Theory

BUSINESS, MANAGEMENT & TECHNOLOGY

If you are interested in the Business Management and Administration cluster, there are many career options. You may provide the needed support to keep a business in operation. Or you might keep track of the expenses and income. You could manage the financial activities of a business. Another option is to be sure that a business has qualified employees who are trained to do their jobs. Or after years of education or experience, you might direct the operations of a business.

Student Organizations:

- Future Business Leaders of America (FBLA)
- Distributive Education Clubs of America (DECA)
- Technology Student Association (TSA)

PATHWAYS

COURSES

Business Management Administration: If you were to work in the Administrative Support pathway, you would manage the activities of an office. You would use computers to perform clerical activities. One of your goals would be to ensure that information is collected and share with staff and clients.

- Computer Applications 1
- Computer Applications 2
- Accounting 1
- Business and Personal Law
- Business Management and Leadership
- Entrepreneurship
- Business Technology
- Business Technology Internship

Finance: In the occupations in the Finance cluster, you would keep track of money. You might provide financial services to a business or individual. Your work could include maintaining records or giving advice to business executives on how to operate their business. You could work in financial planning, banking, or insurance.

- Computer Applications 1
- Computer Applications 2
- Accounting 1
- Business and Personal Law
- Accounting 2
- Business Management and Leadership
- Entrepreneurship
- Business Technology
- Business Technology Internship

Information Technology: Information Technology (IT) is an area that is growing and always changing with new developments. In IT, you would be part of a cluster that continues to make an impact on society and individuals. You would have the opportunity to work in all types and sizes of businesses from Microsoft to your local hospital. Employees in Information Technology work with computer hardware, software, multimedia, and network systems. In this cluster, you might design new computer equipment or computer games. Or you might make sure that the software or networks are working. In addition, you might have to make sure that people know how to use them. Or you might manage whole networks that link workers in all parts of the world.

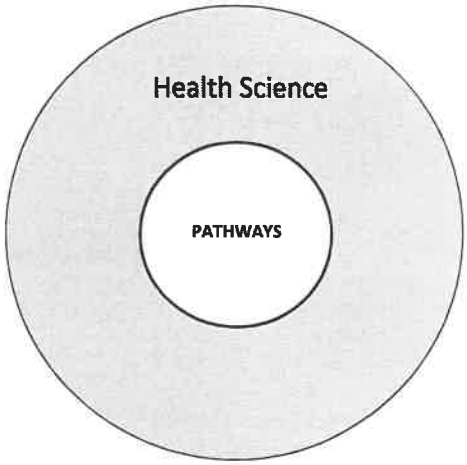
- Computer Applications 1
- Computer Applications 2
- Business and Personal Law
- Computer Science Essentials
- Business Management and Leadership
- Business Technology
- Business Technology Internship

Marketing, Sales and Service: If you are interested in working in the Marketing cluster, you would help businesses sell products. You might advertise and promote products so customers would want to buy them. You might sell products and services directly to customers. Or you might use the Internet to reach customers.

- Computer Applications 1
- Computer Applications 2
- Entrepreneurship
- Business and Personal Law
- Marketing Fundamentals
- Advanced Marketing 1
- Advanced Marketing 2
- Marketing Internship

HEALTH SERVICES

In the Health Science cluster you would promote health and wellness or diagnose and treat injuries and disease. You could work directly with people. Or you could work in laboratories to get information used in research or diagnosis. Health service employees go to work at a variety of different sites. Some work in hospitals, offices, or laboratories. Others work on cruise ships, at sports arenas, or within communities.



Student Organizations:

- Health Occupations Student Association (HOSA)

PATHWAYS

Health Science: In the Health Science cluster you would promote health and wellness or diagnose and treat injuries and disease. You could work directly with people. Or you could work in laboratories to get information used in research or diagnosis. Health service employees go to work at a variety of different sites. Some work in hospitals, offices, or laboratories. Others work on cruise ships, at sports arenas, or within communities.

COURSES

- Nutrition and Wellness
- Principles of Biomedical Sciences
- Human Body Systems
- Medical Interventions
- Anatomy & Physiology
- Biomedical Innovations or Health Occupations
- CAPS Medicine and Bioscience Strand

HUMAN SERVICES

In the Human Services cluster, you would work with individuals and families to meet their personal needs.

Student Organizations:

- Family Career and Community Leaders of America (FCCLA)
- Peer Mentor
- Student Council
- Student Tutor
- Leadership Council
- Speech Team

PATHWAYS

COURSES

Counseling and Mental Health Services: In the Counseling and Mental Health Services pathway, you would assist people with their problems. The problems may be related to personal, family, educational, or career issues. You would provide mental health care in hospitals, clinics, schools, or private offices.

- Child Development, Care and Guidance
- Advanced Child and Human Development
- General Psychology
- Experimental Psychology
- AP Psychology
- Health Occupations
- CAPS Medicine and Bioscience Strand

Education and Training: In the Education and Training cluster, you would have the opportunity to guide and train young people. As a teacher, you could influence young lives. In addition, you could support the work of the classroom teacher as a counselor, librarian, or principal. If you are interested in working with adults, you could provide training to employees in a business. Each of these settings provides you with the chance to help people learn and improve their lives

- Computer Applications 1
- Computer Applications 2
- Family Living and Parenthood
- Child Development, Care and Guidance
- Advanced Child and Human Development
- Exploring the Teaching Profession
- Teaching Profession Internship

Government and Public Administration: Through the national, state, and local governments, the public can express its will and make our way of living possible. Through government, individuals can act together to accomplish what cannot be done along. Most of these actions are carried out only by the government. For example, the federal government includes the military for protection. It also includes ambassadors who represent us in foreign countries. It is Congress that passes laws. You would find almost every occupation within the government. However, this Government and Public Administration career cluster focuses on those occupations that are unique.

- US History or Honors History
- Business and Personal Law
- World History or AP World History
- Government or AP Government
- AP Comparative Government

PATHWAYS

COURSES

Restaurants, Food, and Beverage: In the Restaurants and Food and Beverage Services pathway, you would make sure that customers received the food and drinks they ordered. You might prepare food at a large restaurant or a fast food business. You could take orders and deliver the food, or you could clean up after customer leaves.

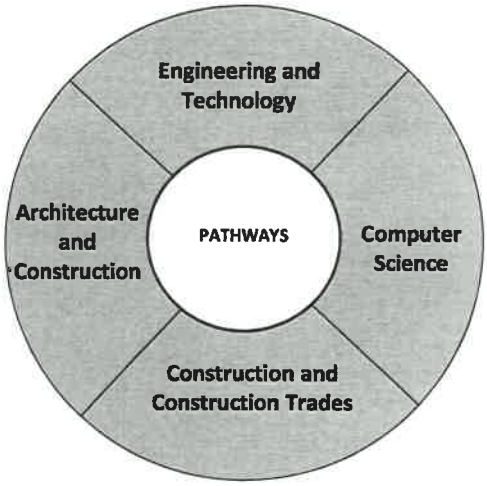
- Computer Applications 1 and 2
- Nutrition and Wellness
- Culinary Arts 1
- Culinary Arts 2
- Independent Study for FACS

Fashion: In the Fashion pathway, you would work in the world of fashion. Whether it is behind the scenes manufacturing clothing and textiles, or working as a fashion designer and creating conceptual ideas for new lines of fashion. The fashion industry also plays a role in costume design for plays, musicals, movies and television shows.

- Apparel and Textiles
- Art and Design
- Advanced Apparel and Textiles
- Drawing 1 and 2
- Fashion Merchandising
- Independent Study for FACS

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

If you choose to work in the Science, Technology, Engineering, and Mathematics cluster, you have several avenues. One avenue is to do scientific research in laboratories or the field. Another option is to be involved in the planning and design of products and systems. The last avenue is to provide support to the scientists, mathematicians, and engineers so they can do their work.



Student Organizations:

- Robotics Team
- National Honor Society
- Technology Student Association (TSA)

PATHWAYS

COURSES

Engineering and Technology: To work in the Engineering and Technology pathway, you would solve problems involving design, development, or production. You would work on projects to evaluate problems and develop and test solutions. You could also provide advice and consultation.

- Introduction to Engineering Design
- Principles of Engineering
- Digital Electronics
- Aerospace Engineering
- Engineering Design and Development
- Drone Certification
- CAPS Engineering and Construction

Architecture and Construction: In the Construction pathway, you would design and/or build cities, homes, and highways. You would put up or remodel buildings used for living and work or structures such as highways, streets, bridges, tunnels, and airports.

- Introduction to Engineering Design
- Principles of Engineering
- Civil Engineering and Architecture
- Engineering Design and Development
- CAPS Engineering and Construction

Computer Science: To work in the Computer Science pathway, you would develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance while learning and building knowledge in skills in Computer Science such as designing and building apps and cybersecurity

- Computer Science Essentials
- Computer Science Principles
- Cybersecurity
- Computer Science A
- Cybersecurity
- Drone Certification

XIV. PATHWAY COURSES

PATHWAYS	ART, A-V TECH, COMMUNICATION	BUSINESS, MANAGEMENT AND TECHNOLOGY	HEALTH SERVICES	HUMAN SERVICES	SCIENCE TECHNOLOGY, ENGINEERING AND MATH
ENGLISH					
English 1 and 2 or Honors English 1 and 2	X	X	X	X	X
English 3 / AP Lang and Comp	X	X	X	X	X
AP Lit and Comp	X		X	X	X
Journalism 1, 2 and 3	X				
Speech 1 and 2	X	X			
Reading Writing Workshop					
Media Literacy	X				
Media Production	X				
College Prep English					
Creative Writing					
English Skills 1 and 2					
FOREIGN LANGUAGE					
Spanish 1 – 5		X		X	
French 1 – 5		X		X	
German 1 – 5		X		X	
AP Spanish Language and Culture					
AP German Language and Culture					
AP French Language and Culture					
SOCIAL STUDIES					
US History/Honor US History	X	X	X	X	X
World History/AP World History	X	X	X	X	X
Government/AP Government	X	x	X	X	X
Sociology			X		
Economics		X		X	
General Psychology		X		X	
AP Psychology			X	X	
Experimental Psychology				X	
AP US History					

PATHWAYS	ART, A-V TECH, COMMUNICATION	BUSINESS, MANAGEMENT AND TECHNOLOGY	HEALTH SERVICES	HUMAN SERVICES	SCIENCE TECHNOLOGY, ENGINEERING AND MATH
Women's Studies				X	
Justice and Social Issues				X	
AP Comparative Government and Politics				X	
AP Human Geography				X	
MATHEMATICS					
Foundations of Algebra					
Algebra 1 or equivalent	X	X	X	X	X
Geometry/Honors Geometry	X	X	X	X	X
Algebra 2/Honors Algebra 2	X	X	X	X	X
College Preparatory Algebra					
Statistics/AP Statistics	X	X	X	X	X
Precalculus with Trigonometry/Honors Precalculus with Trigonometry	X	X	X		X
Calculus/AP Calculus		X	x		
SCIENCE					
Physics First/Honors Physics	X	X		X	X
Chemistry/Honors Chemistry	X	X	X	X	X
Biology or Honors Biology	X	X	X	X	X
Astronomy					
Anatomy and Physiology			X	X	
Organic Chemistry			X		
Bio-Chemistry			X		
AP Environmental Science					X
AP Biology			X		
AP Chemistry					X
AP Physics					X
FINE ARTS – VISUAL ART					
Art and Design	X				X
Drawing 1 and 2	X			X	X
Pottery 1 and 2	X				
Painting 1 and 2	X				
Fiber Arts	X				

PATHWAYS	ART, A-V TECH, COMMUNICATION	BUSINESS, MANAGEMENT AND TECHNOLOGY	HEALTH SERVICES	HUMAN SERVICES	SCIENCE TECHNOLOGY, ENGINEERING AND MATH
Computer Graphics	X			X	
Advanced Art Studio	X				
Independent Study for Visual Arts	X				
AP Art History	X				
FINE ARTS –MUSIC					
Popular Music in American History	X				
Mixed Choir	X				
Girls'/Boys' Choir	X				
Concert Choir	X				
Music Theory 1 and 2	X				
Concert Band	X				
Symphonic Band	X				
Concert Orchestra	X				
Symphonic Orchestra	X				
AP Music Theory	X				
FINE ARTS – DRAMA					
Introduction to Theatre	X				
Acting 1	X				
Acting 2	X				
Stage Design 1	X				
State Design 2	X				
Stage Movement	X				
Independent Study for Theatre	X				
Honors Theatre Practicum	X				
BUSINESS EDUCATION					
Computer Business Applications 1 and 2	X	X	X	X	X
Introduction to Graphic Design and Multimedia	X			X	
Web Design	X				X
Business Technology		X		X	X
Business Education Internship		X			
Personal Finance	X	X	X	X	X
Accounting 1 and 2		X		x	

PATHWAYS	ART, A-V TECH, COMMUNICATION	BUSINESS, MANAGEMENT AND TECHNOLOGY	HEALTH SERVICES	HUMAN SERVICES	SCIENCE TECHNOLOGY, ENGINEERING AND MATH
Business and Personal Law		X		X	
Business Management and Leadership		X		X	
Marketing Fundamentals		X		X	
Advanced Marketing 1 and 2		X		x	
Marketing Education Internship		x			
Entrepreneurship		x			
FAMILY AND CONSUMER SCIENCE					
Nutrition			X	X	
Culinary Arts 1 and 2				X	
Apparels and Textiles				X	
Advanced Apparels and Textiles				X	
Fashion Merchandising				X	
Fashion Construction and Design				X	
Housing and Design					
Family Living and Parenthood			X	X	
Child Development, Care and Guidance			X	X	
Advanced Child Development and Human Development			X	X	
Exploring the Teaching Profession				X	
Teaching Profession Internship				X	
Independent Study for FACS				X	
INDUSTRIAL TECHNOLOGY					
Wood Technology					X
Advanced Wood Technology					X
Metal Technology					X
Home Repair and Maintenance					X
Drone Certification					X
PLTW					
Introduction to Engineering Design					X
Principles of Engineering					X
Digital Electronics					X
Civil Engineering and Architecture					X

PATHWAYS	ART, A-V TECH, COMMUNICATION	BUSINESS, MANAGEMENT AND TECHNOLOGY	HEALTH SERVICES	HUMAN SERVICES	SCIENCE TECHNOLOGY, ENGINEERING AND MATH
Aerospace Engineering					X
Engineering and Design and Development					X
Computer Science Essentials		X			X
Computer Science Principles		X			X
Computer Science A					X
Cybersecurity					X
Principles of Biomedical Sciences			X		
Human Body Systems			X		
Medical Interventions			X		
Biomedical Interventions			X		
HEALTH OCCUPATIONS					
Health Occupations 1 and 2			X	X	
PHYSICAL EDUCATION, HEALTH, AND SAFETY EDUCATION					
Physical Education A and B	X	X	X	X	X
Physical Education C					
Adaptive Physical Education					
Health	X	X	X	X	X
Lifeguard Training			X		
Personal Fitness			X		
CENTER FOR ADVANCED					
CAPS Medicine and Bioscience			X		
CAPS Engineering and Construction					x

XV. INDIVIDUAL CAREER AND ACADEMIC PLAN (ICAP)

Name: _____

Graduation Year: _____

	Grade	Requirements/Credits	Credits	1st Semester	2nd Semester	Review Each Semester	
Secondary	9	Language Arts Social Studies Mathematics Science Health P.E. Electives or Fine/Practical Art Requirements	1 1 1 1 1/2 1/2 3			**9th Grade Review** Dates:_____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor Signature(s): _____ _____	**Select a Career Path** _____ **Career Cluster** _____
	10	Language Arts Social Studies Mathematics Science Fine/Practical Art P.E. Electives	1 1 1 1 1/2 1 1/2 2			**10th Grade Review** Dates:_____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor Signature(s): _____ _____	**Recognitions** (Goal / Met) A+ Program Career and Technical Ed Certificate Industry Recognized Credential Missouri Seal of Biliteracy NCAA Eligibility Accelerated Pathway Technical Skill Attainment
	11	Language Arts Social Studies Mathematics Science Personal Finance Electives	1 1 1 1 ½ 3 1/2			**11th Grade Review** Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor Signature(s): _____ _____	**Postsecondary Goals** _____ _____ _____
	12	Language Arts Mathematics Electives	1 1 6			**12th Grade Review** Dates: _____ Student's Signature(s): _____ _____ Parents/Guardians' Signature(s): _____ _____ Counselor Signature(s):	**Postsecondary Options:** Directly to workforce Military Tech School/Area Career Center Vocational Training (Apprenticeship) 2 year College transfer to 4 year college lead to workforce 4 Year College or University Other:

Postsecondary

Learning Opportunities				
Educational/Career Goals	**Work-Related Experiences**	**Extracurricular Activities**	**Co-curricular Activities**	**Assessments/Inventories/ Academic Results**
Short-Term: **Long-Term:**	Apprenticeship Career Research Cooperative Education Employment Internship Job Shadow Mentorship Resume/Job Application/ Mock Interview Service Learning Project Volunteer	List with number of years involved and any positions held. Examples but not limited to: Athletics, Clubs, Leadership, Student Council.	List with number of years involved and any positions held. Example but not limited to: CTSO, Debate, Drama, Marching Band.	MO Connection Interest Inventory ☐ ACT: ☐ ASVAB: ☐ PSAT: ☐ SAT: ☐ ACT WorkKeys: ☐ Other: ☐ Career Fair/Expo: ☐ FAFSA Workshop/Filed: ☐ Scholarship Exploration: ☐

HSD Minimum Requirements	College Prep Coursework (AP/Dual Credit/IB)			Postsecondary Applications	
	Class Name	**Number of Hours**	**Transferability***	**Institution Name**	**Status**
○ American Civics exam ○ Missouri Constitution Exam ○ U.S. Constitution Exam ○ 30 min CPR/First Aid Instruction Language Arts – 4 credits Mathematics – 4 credits Social Studies – 3 credits Science – 3 credits Fine Art – 1 credit Practical Art – 1 credit Physical Education - 1 credit Health - .5 credt Personal Finance - .5 credit Electives- 7 credits **Total of 24 credits + meet all graduation requirements**					

HAZELWOOD HIGH SCHOOLS PROGRAM OF STUDIES

Subject Listing by Areas (Total Offering – 150 credits – 175 courses)

I. ENGLISH LANGUAGE ARTS (32 credits offered)

A. Language Arts (14 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09				English 1 or Honors English 1	1
	10			English 2 or Honors English 2	1
		11		English 3	1
09		11	12	AP English Language and Composition (W)	1
09	10	11	12	English for Speakers of Other Languages 1	1
09	10	11	12	English for Speakers of Other Languages 2	1
09	10	11	12	English for Speakers of Other Languages 3	1
09	10	11	12	English For Speakers of Other Languages 4	1
	10	11	12	Speech 1	.5
	10	11	12	Speech 2	.5
09	10	11	12	Reading/Writing Workshop	.5
09	10	11	12	*Media Literacy	.5
	10	11	12	*Media Production	.5
			12	AP English Literature and Composition (W)	1
		11	12	College Prep English	.5
9	10	11	12	Creative Writing	.5
	10	11	12	Scholastic Journalism 1	.5
	10	11	12	Scholastic Journalism 2	.5
		11	12	*Scholastic Journalism 3	1
	10	11	12	ACT Prep (Not an English Credit. Elective Credit Only)	.5

B. Foreign Language (18 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Spanish 1	1
09	10	11	12	Spanish 2	1
	10	11	12	Spanish 3 (W)	1
		11	12	Spanish 4 (W)	1
		11	12	AP Spanish Language and Culture (W)	1
			12	Spanish 5 (W)	1
09	10	11	12	French 1	1
09	10	11	12	French 2	1
	10	11	12	French 3 (W)	1
		11	12	French 4 (W)	1
		11	12	AP French Language and Culture (W)	1
			12	French 5 (W)	1
09	10	11	12	German 1	1
09	10	11	12	German 2	1
	10	11	12	German 3 (W)	1
		11	12	German 4 (W)	1
		11	12	AP German Language and Culture (W)	1
			12	German 5 (W)	1

*** Not accepted by NCAA ** St. Louis Community College Articulated Credit Available (W) Weighted Course**

II. SOCIAL STUDIES (11.0 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	US History or Honors US History	1
	10	11	12	World History or AP World History (W)	1
		11	12	Government or AP Government (W)	1
		11	12	Sociology	.5
	10	11	12	*Personal Finance	.5
	10	11	12	Economics	.5
		11	12	Psychology	.5
		11	12	AP Psychology (W)	1
		11	12	Experimental Psychology	.5
9	10	11	12	AP US History (W)	1
		11	12	Women's Studies	.5
		11	12	Justice and Social Issues	.5
			12	AP Comparative Government and Politics	.5
		11	12	AP Human Geography (W)	.5

III. MATHEMATICS (13.5 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09				*Foundations of Algebra	.5 – 1
09	10			Algebra 1	1
09				Algebra Math Lab (Not a Math Credit. Elective Credit Only)	.5 – 1
09	10			Algebra in Manufacturing/ Business Management Processes	2*^
09	10	11	12	Geometry	1
09	10	11	12	Honors Geometry	1
09	10	11	12	Algebra 2	1
09	10	11	12	Honors Algebra 2	1
	10	11	12	College Preparatory Algebra	1
	10	11	12	Statistics	1
	10	11	12	AP Statistics (W)	1
	10	11	12	Pre-Calculus with Trigonometry	1
	10	11	12	Honors Pre-Calculus with Trigonometry (W)	1
		11	12	Calculus	1
		11	12	AP Calculus (W)	1
	10	11	12	ACT Prep (Not a Math Credit. Elective Credit Only)	.5

*^Algebra in Manufacturing is offered as one Math credit and Business Management Processes is one CTE credit; both courses must be taken concurrently.

IV. SCIENCE (10 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Physics First, Honors Physics, or Principles of Biomedical Science	1
	10	11	12	Chemistry or Honors Chemistry	1
	10	11	12	Biology or Honors Biology	1
	10	11	12	Astronomy (W)	.5
		11	12	Anatomy and Physiology (W)	1
		11	12	Organic Chemistry (W)	.5
		11	12	Bio-Chemistry (W)	.5
		11	12	AP Environmental Science (W)	1
		11	12	AP Biology (W)	1
		11	12	AP Chemistry (W)	1
	10	11	12	AP Physics (W)	1

*** Not accepted by NCAA ** St. Louis Community College Articulated Credit Available (W) Weighted Course**

V. PROJECT LEAD THE WAY (PLTW) Biomedical Sciences – College credit can be earned for all 4 courses

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Principles of Biomedical Sciences	1
	10	11	12	Human Body Systems	1
		11	12	Medical Interventions (W)	1
			12	Biomedical Innovations (W)	1

VI. FINE ARTS – (24.5 credits offered)

A. Art (9.0 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Art and Design	.5
09	10	11	12	Drawing 1	.5
	10	11	12	Drawing 2	.5
09	10	11	12	Pottery 1	.5
	10	11	12	Pottery 2	.5
09	10	11	12	Painting 1	.5
	10	11	12	Painting 2	.5
09	10	11	12	Fiber Arts	.5
	10	11	12	Computer Graphics	.5
	10	11	12	Advanced Studio Art	.5
		11	12	Independent Study for Visual Arts	.5 - 3
		11	12	AP Art History (W)	1
			12	AP Studio Art (W)	1

B. Music (10.5 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Popular Music in American History	.5
09	10	11	12	Mixed Choir	.5 - 1
09	10	11	12	Girls' Choir	.5 - 1
09	10	11	12	Boys' Choir	.5 - 1
09	10	11	12	Concert Choir	.5 - 1
	10	11	12	Music Theory 1	.5
	10	11	12	Music Theory 2	.5
09	10	11	12	Concert Band	.5 - 1
09	10	11	12	Symphonic Band	.5 - 1
09	10	11	12	Concert Orchestra	.5 - 1
09	10	11	12	Symphonic Orchestra	.5 - 1
09	10	11	12	Drum Corps	.5 - 1
		11	12	AP Music Theory (W)	1
09	10	11		RadioACTIVE (EHS only; elective credit only)	.5

C. Drama (5 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Introduction to Theater	.5
09	10	11	12	Acting 1	.5
	10	11	12	Acting 2	.5
09	10	11	12	Stage Design 1	.5
	10	11	12	Stage Design 2	.5
	10	11	12	Stage Movement	.5
		11	12	Independent Study for Theater	.5 – 1.5
		11	12	Honors Theatre Practicum	.5

*** Not accepted by NCAA ** St. Louis Community College Articulated Credit Available (W) Weighted Course**

VII. PRACTICAL ARTS/CAREER & TECHNICAL EDUCATION (37.5 credits offered)

A. Business/Marketing Education (12 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	**Computer Business Applications 1	.5
09	10	11	12	**Computer Business Applications 2	.5
09	10	11	12	Introduction to Graphic Design and Multimedia	.5
~~09~~	10	11	12	Entrepreneurship	1
09	10			Algebra in Manufacturing/ Business Management Processes	2*
		11	12	**Web Design	.5
			12	**Business Technology	1
			12	Business Education Internship	1-2
		11	12	*Personal Finance	.5
	10	11	12	**Accounting 1	1
		11	12	**Accounting 2	1
	10	11	12	Business & Personal Law	.5
		11	12	Business Management & Leadership	.5
	10	11	12	Marketing Fundamentals	.5
			12	Advanced Marketing 1	.5
			12	Advanced Marketing 2	.5
			12	Marketing Education Internship	1 - 2

*Algebra in Manufacturing is offered as one Math credit and Business Management Processes is one CTE credit; both courses must be taken concurrently.

B. Family and Consumer Science (12.5 credits offered)

Recommended Grade Placement				Subject	Credits Offered
	10	11	12	**Nutrition and Wellness	.5
	10	11	12	*Culinary Arts 1	.5
		11	12	*Culinary Art 2	1
09	10	11	12	Apparel & Textiles	.5
09	10	11	12	Advanced Apparel & Textiles	.5
	10	11	12	Fashion Merchandising	.5
			12	Fashion Construction & Design	.5
		11	12	Housing and Design	.5
		11	12	*Personal Finance	.5
	10	11	12	**Family Living & Parenthood	.5
	10	11	12	**Child Development, Care & Guidance	.5
	10	11	12	**Advanced Child and Human Development	.5
			12	Exploring The Teaching Profession	1
			12	Teaching Profession Internship	1
			12	Independent Study for FACS	1-2

C. Industrial Technology (2 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Wood Technology	.5
	10	11	12	Advanced Wood Technology	.5
09	10	11	12	Metal Technology	.5
09	10	11	12	Home Repair and Maintenance	.5
		11	12	Drone Pilot Certification	1

*** Not accepted by NCAA**

**** St. Louis Community College Articulated Credit Available**

(W) Weighted Course

D. Project Lead The Way (PLTW) (6 credits offered) – Pathway Engineering – College Credit can be earned for 4 courses

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	**Introduction to Engineering Design	1
	10	11	12	**Principles of Engineering	1
		11	12	**Digital Electronics (W)	1
		11	12	**Civil Engineering & Architecture (W)	1
		11	12	**Aerospace Engineering (W)	1
			12	**Engineering Design & Development (W)	1

E. Project Lead The Way (PLTW) (4 credits offered) – Computer Science Pathway Credit can be earned for 4 courses

Recommended Grade Placement				Subject	Credits Offered
09	10	11	12	Computer Science Essentials	1
	10	11	12	Computer Science Principles (W)	1
			12	Computer Science A (W)	1
		11	12	Cybersecurity (W)	1

F. Health Occupations (4 credits offered)

Recommended Grade Placement				Subject	Credits Offered
			12	Health Occupations 1	2
			12	Health Occupations 2	2

VIII. CENTER FOR ADVANCED PROFESSIONAL STUDIES (CAPS) (6 credits offered)

Recommended Grade Placement				Subject	Credits Offered
		11	12	CAPS Medicine and Bioscience Strand	4
		11	12	CAPS Engineering and Construction Strand	2

IX. PHYSICAL EDUCATION, HEALTH AND SAFETY EDUCATION (4 credits offered)

Recommended Grade Placement				Subject	Credits Offered
09				Physical Education A (required)	.5
	10			Physical Education B (required)	.5
		11	12	Physical Education C (elective)	.5
09	10	11	12	Adaptive Physical Education	.5
09				Health (required)	.5
	10	11	12	Lifeguard Training	.5
	10	11	12	Personal Fitness	.5
	10	11	12	Driver Education	.5

X. NON-CREDIT or Credit by Special Assignment

Recommended Grade Placement				Subject	Credits Offered
			12	Office Assistant	
			12	Laboratory Assistant	
			12	Independent Study (Credit arranged)	
			12	A+ Tutoring	
			12	Smart Start	
	10	11	12	Dual Enrollment	

*** Not accepted by NCAA**

** St. Louis Community College Articulated Credit Available
(W) Weighted Course

HAZELWOOD SCHOOL DISTRICT | DESCRIPTION OF SUBJECTS

I. ENGLISH LANGUAGE ARTS

A. LANGUAGE ARTS

ENGLISH 1 (Required) (1 credit)
This is a required class for all students in the Hazelwood School District. Students will explore a variety of literary genres, including fiction, short story, poetry, novel, and nonfiction. There will be shared texts, including multicultural literature, but individual novel study will also be part of the course to ensure that students have choice in their reading selections. This course will emphasize reading strategies and writing for a variety of purposes, focusing on narrative and expository techniques. It will also afford opportunities to analyze and evaluate information through listening, speaking, and viewing. Students will utilize technology in a research component.

OR

HONORS ENGLISH 1 (1 credit)
Honors English 1 offers a faster pace for academically advanced students who are self-motivated and self-directed. Students will be exposed to texts that are more rigorous and will be required to think, read, and write more critically and analytically, with the goal of preparing students for AP Literature and Language courses.

ENGLISH 2 (Required) (1 credit)
This is a required class for all students in the Hazelwood School District. Students will explore a variety of literary genres, including fiction, short story, poetry, novel, and nonfiction. There will be shared texts, including multicultural literature, but individual novel study will also be part of the course to ensure that students have choice in their reading selections. The course will emphasize reading strategies and writing for a variety of purposes, focusing on personal narrative and expository techniques. It will also afford opportunities to analyze and evaluate information through listening, speaking, and viewing. Students will utilize technology in a research component, and write a researched argument using a variety of resources. (Prerequisite: English 1)

OR

HONORS ENGLISH 2 (1 credit)
Honors English 1 offers a faster pace for academically advanced students who are self-motivated and self-directed. Students will be exposed to texts that are more rigorous and will be required to think, read, and write more critically and analytically, with the goal of preparing students for AP Literature and Language courses.

ENGLISH 3 (Required) (1 credit)
This is a required class for all students in the Hazelwood School District. Students will read and study drama, short stories, and biographies in a multicultural survey of American literature. Activities will focus on analysis and critique through writing, listening, and speaking in discussions, tests, projects, and other assignments leading to the achievement of the course performance goals. (Prerequisite: English 2)

OR

AP ENGLISH LANGUAGE AND COMPOSITION (W) (1 credit)

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL 1) (1 credit)

ESOL 1 is for Hazelwood students in Grades 9-12 who come to the district from other countries or from homes where languages other than English are spoken. Eligible students have a recently assessed overall English proficiency level of 1.0-1.9 where 1.0 is the entering level and 6.0 is reaching full academic English proficiency. ESOL 1 assists Newcomers in acclimating into the American public school system, and acquiring the basic vocabulary and cultural information needed for success in our school system. The course focuses on developing academic language and providing targeted, explicit and systematic instruction in reading fundamentals (phonics, phonemic awareness, building fluency), literary analysis, vocabulary, listening and speaking, comprehension and critical thinking, strategies, grammar and sentence structure, and writing with special consideration given to the needs of non-native speakers of English at the Entering Level 1.

NOTE: All ESOL credits count as required English credits for high school graduation. Students at Entering Level 1 are exempt from taking English 1, 2, or 3. ESOL students in 12th grade are required to take the English EOC regardless of English proficiency level in order to graduate from high school.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL 2) (1 credit)

ESOL 2 is for Hazelwood students in Grades 9-12 who come to the district from other countries or from homes where languages other than English are spoken. Eligible students have a recently assessed overall English proficiency level of 2.0-2.9 where 1.0 is the Entering Level 1 and 6.0 is the Reaching Level 6. ESOL 2 assists English Learners at the Emerging Level 2 of English proficiency. The course is designed to develop academic language and provide targeted, explicit and systematic instruction in reading (phonics, phonemic awareness, building fluency), literary analysis, vocabulary, listening and speaking, comprehension and critical thinking, reading strategies, grammar and sentence structure, and writing with special consideration given to the needs of non- native speakers of English at the Emerging Level 2.

NOTE: All ESOL credits count as required English credits for high school graduation. Students at Emerging Level 2 are exempt from taking English 1, 2, or 3. ESOL students in 12th grade are required to take the English EOC regardless of English proficiency level in order to graduate from high school.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL 3) (1 credit)

ESOL 3 is for Hazelwood students in Grades 9-12 who come to the district from other countries or from homes where languages other than English are spoken. Eligible students have a recently assessed overall English proficiency level of 3.0-3.9 where 1.0 is the Entering Level 1 and 6.0 is the Reaching Level 6. ESOL 3 assists English Learners at the Developing Level 3 of English proficiency. The course builds on ESOL 1 and 2, but is also designed to provide instruction targeted to each student's assessed needs in English language development. Explicit and systematic instruction in reading (phonics, phonemic awareness, building fluency), literary analysis, vocabulary, listening and speaking, comprehension and critical thinking, reading strategies, grammar and sentence structure,

and writing with special consideration given to the needs of non- native speakers of English at the Developing Level 3.

NOTE: All ESOL credits count as required English credits for high school graduation. Students at Developing Level 3 may be exempt from taking English 1, 2, or 3. ESOL students in 12th grade are required to take the English EOC regardless of English proficiency level in order to graduate from high school.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL 4) (1 credit)

ESOL 4 is for Hazelwood students in Grades 9-12 who come to the district from other countries or from homes where languages other than English are spoken. Eligible students have a recently assessed overall English proficiency level of 4.0-4.7 where 1.0 is the Entering Level 1 and 6.0 is the Reaching Level 6. ESOL 4 assists English Learners at the Expanding Level 4 of English proficiency. The course builds on ESOL 3, but is also designed to provide instruction targeted to each student's assessed needs in English language development. Explicit and systematic instruction in reading (phonics, phonemic awareness, building fluency), literary analysis, vocabulary, listening and speaking, comprehension and critical thinking, reading strategies, grammar and sentence structure, and writing with special consideration given to the needs of non- native speakers of English at the Expanding Level 4.

NOTE: While all ESOL credits count as required English credits for high school graduation, students at the Expanding Level 4 in English proficiency will also be enrolled in the English course appropriate for their grade level or in English 2 if they are in 10th, 11th, or 12th grade to prepare to take the English 2 EOC.

SPEECH 1 (.5 credit)

The Speech I course is designed to promote the development of essential communication skills for High School students. Students will develop their knowledge of verbal and nonverbal communication and their ability to explain their ideas verbally to others. They will develop their public speaking stamina and the ability to clearly articulate their ideas to audiences.

SPEECH 2 (.5 credit)

The Speech 2 course is designed to further develop essential communication skills and public speaking skills for High School students. In addition to increased exposure to public speaking and further development of public speaking skills, students will also learn about the use of rhetoric in speaking and persuasion, policy debate, and oral interpretation. (Prerequisite: Speech 1)

READING/WRITING WORKSHOP (.5 credit)

The Reading Writing Workshop course is designed to promote essential literacy, discourse and thinking skills required for students to acquire new information independently as lifelong learners. Throughout this course students will gain proficiency through multiple opportunities to expand their academic vocabulary and closely analyze literature texts, informational texts and multimedia text presented in a variety of formats. Critical thinking and the ability to independently pursue and acquire information will be taught through text, speech, media and writing analysis. Students will work collaboratively with their teachers, peers and educational community to develop clear communication skills in both writing and verbal discourse. Students will produce multiple pieces of writing for a variety of purposes and will practice presenting and defending their ideas verbally. Reading Writing Workshop is an elective course for 10^{th}, 11^{th} and 12^{th} grade students.

MEDIA LITERACY (.5 credit)

In this introductory course, students will gain the ability to critically examine modern media to identify its impact in society and themselves. Students will learn about the legalities of media such as copyright and trademark as well as examine their personal digital footprints. Students will evaluate a variety of sources. Students will learn about the purposes of, perspectives portrayed within, and strategies used to create media messages. Students will learn

persuasive techniques used in propaganda to reach a target audience. Students will both evaluate and create advertising messages in multiple media formats.

MEDIA PRODUCTION (Offered only at Hazelwood East High School) (.5 credits)
This English elective is designed to apply media literacy strategies developed in Media Literacy. Students will study the importance of mass media and its creation in modern life at the local, national, and global levels. Students will create mass media artifacts that can be applied to mass communication broadcasts and create a digital portfolio of works. Students will recognize the impact of mass media messages through news, TV, documentaries, and persuasion on contemporary society. Students will analyze and evaluate the structure, strategies, and ethical issues of mass media to gain a perspective of how influential mass broadcast communication has become. Students will prepare for their roles as informed and engaged citizens in a democracy. They will use media literacy and communications skills to become writers, speakers, or media producers who address content issues and the impact of mass communication. They will become knowledgeable consumers and educated producers of mass media information. (Prerequisite: Media Literacy or may be taken concurrently with Media Literacy)

AP ENGLISH LITERATURE AND COMPOSITION (W) (1 credit)
AP English Literature and Composition is a thematic, cross-cultural approach to world literature with emphasis on analytical and critical reading and writing. Students will write formal and informal expository papers, reflective journals, and two research papers. Activities will focus on improvement of writing skills, analytical thinking and reading skills, presentation skills, discussion skills, and listening skills. Students will use technology and conduct independent research. They will read college-level material with mature content, respond to AP-style essay prompts, and overall, be expected to perform at a college level. This course will prepare students for the Advanced Placement English Literature and Composition exam in the spring. Six hours of 1-8-1-8 credit from Saint Louis University may be available pending the successful completion of both semesters. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: English 3 or AP English Language and Composition)

COLLEGE PREP ENGLISH (.5 credit)
The College Prep English course is designed to promote essential literacy, discourse and thinking skills required for students to acquire new information independently as lifelong learners. Throughout this course students will gain proficiency through multiple opportunities to expand their academic vocabulary and closely analyze literature texts, informational texts and multimedia text presented in a variety of formats. Critical thinking and the ability to independently pursue and acquire information will be taught through text, speech, media and writing analysis. Students will work collaboratively with their teachers, peers and educational community to develop clear communication skills in both writing and verbal discourse. Students will produce multiple pieces of writing for a variety of purposes and will practice presenting and defending their ideas verbally. College Prep English is an elective course for 11th and 12th grade students.

CREATIVE WRITING (.5 credit)
The Creative Writing course is designed to promote essential literacy, discourse and thinking skills required for students to acquire new information independently as lifelong learners. Throughout this course students will gain proficiency through multiple opportunities to expand their academic vocabulary and closely analyze literary texts to use as mentor texts for their own creative writing. Students will use multiple online tools to produce their writing and provided feedback for one another on their writing, including blogs, educational social media sites, and online writing communities. Students will work collaboratively with their teachers, peers and educational community to develop clear communication skills in both writing and verbal discourse. Students will also have opportunities to

publish their writing or share their writing with a wider audience. Students will produce multiple pieces of writing for a variety of purposes. Creative Writing is an elective course for 10th, 11th and 12th grade students.

SCHOLASTIC JOURNALISM 1 (.5 credit)
Scholastic Journalism 1 will introduce students to journalism principles and practices applied to one publication or type of publication, research, critical thinking and publication practices, and application of these practices to a broad survey of media communications mediums (i.e. websites, blogs, social posts, newspapers, presentation formats, news/media clips, etc.). Scholastic Journalism places an emphasis on the ethical and legal responsibilities of communicating in a digital world and will help students learn to create meaningful dialogue that considers community member viewpoints and analyze the validity of information sources and potential counter claims/ arguments. Students will learn about and practice applying a code of ethics based on professional standards. (Prerequisite: semester grade of A or B in English 1)

SCHOLASTIC JOURNALISM 2 (.5 credit)
Scholastic Journalism 2 will expand on the principles and practices of journalism covered in Scholastic Journalism 1. Students will engage in the process of researching stories, analyzing and creating content, and publishing original work. Students will get a feel for how journalism and the media function in society through hands-on experiences in interviewing, researching, and writing journalistically. Students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Writing, technology, visual, and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. (Prerequisite: Scholastic Journalism 1)

SCHOLASTIC JOURNALISM 3 (1 credit)
In Scholastic Journalism 3, students will refine and enhance their journalistic skills and their understanding of journalistic ethics and standards, research self-selected topics, and plan, organize, and prepare projects for publication. Students will continue to learn to communicate in a variety of forms for a variety of audiences and purposes. Students will plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students are expected to become analytical consumers of media and technology to enhance their communication skills. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Not NCAA approved. (Prerequisite: Scholastic Journalism 1 or concurrent registration in Scholastic Journalism 1)

ACT PREP (.5 elective credit)
This course will allow students to spend a semester preparing for the ACT exam. Students will learn content and test- taking strategies in English, math, reading, and science. Students will complete exercises, take practice tests and set goal scores. The course will be taught by an English teacher and a math teacher and will count for .5 elective credits (not math or English credit).

B. FOREIGN LANGUAGE

SPANISH 1 (1 credit)
Spanish 1 students explore the world of Spanish-speaking people by studying and comparing cultures and communities. Students learn basic language patterns and conversational phrases and make relevant connections to other disciplines. During the second semester, students will continue to expand their speaking, listening, reading, and writing comprehension by studying and comparing cultures and communities and making relevant

connections to other disciplines. By the end of Spanish, students will be able to speak, read, write, and comprehend complete sentences in dialog and composition.

SPANISH 2 (1 credit)
Students will improve their existing Spanish skills through reading short stories and simple magazine articles. The students will comprehend longer, quicker rates of Spanish speech. They will use increasingly advanced vocabulary and grammar, including past tense. Students will be able to write short paragraphs. During the second semester, students will comprehend and use present and past tenses in speaking, reading and writing. Student will study thematic units in the Spanish 2 text to compare cultures and communities. Students will write complete paragraphs and produce spontaneous speech in Spanish. (Prerequisite: Spanish 1)

SPANISH 3 (W) (1 credit)
Spanish 3 students will improve their existing Spanish skills. They will read, write, and comprehend longer, quicker Spanish exchanges and communicate more sophisticated opinions and preferences through comparisons of communities and cultures. The students will read more challenging short stories and authentic Spanish periodicals and publications. The students will critique and analyze materials using their knowledge base of Spanish. Students will spend an increased amount of class time speaking only Spanish. During the second semester, students will expand their foreign language experience while reading and examining authentic and modified literature and texts and producing in-depth written and oral responses to those readings. Students will build on their existing skills using the Spanish 3 text. This course offers extended speaking opportunities, with higher expectations of length, grammatical complexity, overall fluency, and speed. (Prerequisite: Spanish 2)

AP SPANISH LANGUAGE AND CULTURE (W) (1 credit)
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. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course 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 taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: Spanish 3)

SPANISH 4 (W) (1 credit)
In Spanish 4, students improve their existing Spanish skills through conversations and reading novels and other authentic materials. Students will develop deeper insights into cultural values and contributions of Spanish-speaking people. The students and teacher will communicate primarily in Spanish. The students will write a paper in Spanish using advanced Spanish grammar and vocabulary, and they will read at least one novel in Spanish. During the second semester, students will refine the use of idioms, vocabulary, and the nuances of grammar through creative and spontaneous communication in Spanish. The students will read more challenging short stories and authentic Spanish periodicals/publications. The students will critique and analyze materials using their knowledge of Spanish, and they will read at least one novel in Spanish. (Prerequisite: Spanish 3)

SPANISH 5 (W) (1 credit)
Students will use Spanish to discuss, read, and write about current issues in English-speaking and Spanish-speaking communities. This course provides insight into cultural values and contributions of Spanish-speaking people throughout history. The students will critique and analyze these by writing essays and giving oral presentations in

Spanish. The students and teacher will communicate primarily in Spanish. During the second semester, students engage in advanced readings, discussions, and explorations of global topics, as well as comparing and contrasting Spanish-speaking and English-speaking cultures. They will critique and analyze these by writing essays and giving oral presentations in Spanish. They will read at least one novel in Spanish. (Prerequisite: Spanish 4)

FRENCH 1 (1 credit)
French 1 students explore the world of French-speaking people by studying and comparing cultures and communities. Students learn basic language patterns and conversational phrases and make relevant connections to other disciplines. During the second semester, students will continue to expand their speaking, listening, reading, and writing comprehension by studying and comparing cultures and communities and making relevant connections to other disciplines. By the end of French 1, students will be able to speak, read, write, and comprehend complete sentences in dialog and composition.

FRENCH 2 (1 credit)
The 2nd year French textbook will be the primary resource for French 2. Students will also improve their existing French skills through reading short stories and simple magazine articles. The students will comprehend longer, quicker rates of French speech. They will use increasingly advanced vocabulary and grammar, including past tense. Students will be able to write short paragraphs. During the second semester, students will comprehend and use present and past tenses in speaking, reading, and writing. Students will study thematic units in the French 2 text to compare cultures and communities. Students will write complete paragraphs and produce spontaneous speech in French. (Prerequisite: French 1)

FRENCH 3 (W) (1 credit)
French 3 students will improve their existing French skills. They will read, write, and comprehend longer, quicker French exchanges and communicate more sophisticated opinions and preferences through comparisons of communities and cultures. The students will read more challenging short stories and authentic French periodicals and publications, and they will read at least one novel in French. The students will critique and analyze materials using their knowledge base of French. During the second semester, students will expand the foreign language experience while reading and examining authentic and modified literature and texts and producing in-depth written and oral responses to those readings. Students will read at least one novel in French. They will build on their existing skills using the French 3 text. This course offers extended speaking opportunities, with higher expectations of length, grammatical complexity, overall fluency, and speed. Students will spend an increased amount of class time speaking only French. (Prerequisite: French 2)

FRENCH 4 (W) (1 credit)
In French 4, students improve their existing French skills through conversations and reading novels and other authentic materials. Students will develop deeper insights into cultural values and contributions of French-speaking people. The students will write a paper in French using advanced French grammar and vocabulary.

During the second semester, students will refine the use of idioms, vocabulary, and the nuances of grammar through creative and spontaneous communication in French. The students will read more challenging short stories and authentic French periodicals/publications. The students will critique and analyze materials by writing a paper using their knowledge of French. They will read at least one novel in French. The students and teacher will communicate primarily in French. (Prerequisite: French 3)

AP FRENCH LANGUAGE AND CULTURE (W) (1 credit)
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. To best facilitate the study

of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course 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 taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: French 3)

FRENCH 5 (W) (1 credit)
Students will use French to discuss, read, and write about current issues in English-speaking and French-speaking communities. This course provides insight into cultural values and contributions of French-speaking people throughout history. The students will critique and analyze these values and contributions by writing essays and giving oral presentations in French, and they will read at least one novel in French. During the second semester, students engage in advanced reading, discussions, and explorations of global topics, as well as comparing and contrasting French-speaking and English-speaking cultures. This course provides insight into cultural values and contributions of French-speaking people throughout history. Students will critique and analyze these values and contributions by writing essays and giving oral presentations in French. They will read at least one novel in French. The students and teacher will communicate primarily in French. (Prerequisite: French 4)

GERMAN 1 (1 credit)
German 1 students explore the world of German-speaking people by studying and comparing cultures and communities. Students learn basic language patterns and conversational phrases and make relevant connections to other disciplines. During the second semester, students will continue to expand their speaking, listening, reading, and writing comprehension by studying and comparing cultures and communities and making relevant connection to other disciplines. By the end of German 1, students will be able to speak, read, write, and comprehend complete sentences in dialog and composition.

GERMAN 2 (1 credit)
The 2nd year German textbook will be the primary resource for German 2. Students will also improve their existing German skills through reading short stories and simple magazine articles. The students will comprehend longer, quicker rates of German speech. They will use increasingly advanced vocabulary and grammar including past tense. Second semester students will comprehend and use present and past tenses in speaking, reading, and writing. Students will study thematic units in the German 2 text to compare cultures and communities. Students will write complete paragraphs and produce spontaneous speech in German. (Prerequisite: German 1)

GERMAN 3 (W) (1 credit)
German 3 students will improve their existing German skills. They will read, write, and comprehend longer, quicker German exchanges and communicate more sophisticated opinions and preferences through comparisons of communities and cultures. The students will read more challenging short stories and authentic German periodicals and publications, and they will read at least one novel in German. The students will critique and analyze materials using their knowledge base of German. During the second semester students will expand the foreign language experience while reading and examining authentic and modified literature and texts and producing in-depth written and oral responses to those readings. Students will build on their existing skills using the German 3 text. This course offers extended speaking opportunities, with higher expectations of length, grammatical complexity, overall fluency, and speed. Students will spend an increased amount of class time speaking only German. (Prerequisite: German 2)

GERMAN 4 (W) (1 credit)

In German 4, students improve their existing German skills through conversations and reading novels and other authentic materials. Students will develop deeper insights into cultural values and contributions of German-speaking people. The students and teacher will communicate primarily in German. The students will write a paper in German using advanced German grammar and vocabulary, and they will read at least one novel in German. Second semester students will refine the use of idioms, vocabulary, and the nuances of grammar through creative and spontaneous communication in German. The students will read more challenging short stories and authentic German periodicals/publications. The students and teacher will communicate primarily in German. The students will critique and analyze materials using their knowledge of German, and they will read at least one novel in German. (Prerequisite: German 3)

AP GERMAN LANGUAGE AND CULTURE (1 credit)
The AP German 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. To best facilitate the study of language and culture, the course is taught almost exclusively in German. The AP German Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course 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 taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: German 3)**

GERMAN 5 (W) (1 credit)
Students will use German to discuss, read, and write about current issues in English-speaking and German-speaking communities. This course provides insight into cultural values and contributions of German-speaking people throughout history. The students will critique and analyze these by writing essays and giving oral presentations in German. During the second semester, students engage in advanced readings, discussions, and explorations of global topics, as well as comparing and contrasting German-speaking and English-speaking cultures. They will critique and analyze these by writing essays and giving oral presentations in German. They will read at least one novel in German. The students and teacher will communicate primarily in German. (Prerequisite: German 4)

II. SOCIAL STUDIES

U. S. HISTORY (Required) (1 credit)
This course will allow students to examine history from Reconstruction to present day. Students will examine the major events, movements, and issues which have shaped the United States. Included will be evaluation of Reconstruction, Industrial Revolution, Progressive Movement, World War I, The Twenties, Depression Era, World War II, Cold War, Civil Rights Movement, Women's Movement and the philosophical attitudes of the Seventies, Eighties, and Nineties. Students will acquire an understanding of the forces that have shaped the nation in which they live. Students will use reading and writing strategies in the content area, analyze primary and secondary source material, use research and information skills, and actively engage in evaluation, analysis, and synthesis of historical events.

OR

HONORS U.S. HISTORY (1 credit)

This course will provide more in-depth knowledge and analysis of history from Reconstruction to present day to prepare students for AP US History. Students will examine, compare and analyze the primary events, movements, issues, places, and people who have combined to create US history. Included will be evaluation of Reconstruction, Industrial Revolution, Progressive Movement, World War I, The Twenties, Depression Era, World War II, Cold War, Civil Rights Movement, Women's Movement and the philosophical attitudes of the Seventies, Eighties, and Nineties. Students will acquire an understanding of the forces that have shaped the nation in which they live. Students will use reading and writing strategies in the content area, analyze primary and secondary source material, use research and information skills, and actively engage in evaluation, analysis, and synthesis of historical events.

AP U.S. HISTORY (W) (1 credit)
Students in this course will analyze and interpret United States history from the age of exploration to the present. Emphasis will be placed on critical and evaluative thinking skills, essay writing, interpretation of primary source documents and creation of visual and written projects to synthesize learning. Students will complete independent research projects using primary sources and respond to document-based questions. Students successfully completing this course will be prepared for the AP examination. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

WORLD HISTORY (Required) (1 credit)
This course requires students to examine world history from The Renaissance through modern times. Students will examine the major events, movements, and issues which have shaped the world. Included are evaluation of The Renaissance, Exploration, The Enlightenment, worldwide revolutions, World War I, Depression Era, World War II, Cold War, and the philosophical attitudes through present day. Students will acquire an understanding of the forces shaping the world in which they live. Students use reading and writing strategies, analyze primary and secondary source material, use research and information skills, and actively engage in evaluation, analysis, and synthesis of historical events.

OR

AP WORLD HISTORY (W) (1 credit)
AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

GOVERNMENT (Required) (.5 credit)
Students will study the foundations of American government and examine the Constitution. They will identify the powers of each branch, critique their roles, analyze types of political views, and interpret the Bill of Rights. Students will examine local, state, and federal governments as well as current issues. Students will examine their role in the government and analyze the rights and responsibilities of citizens and the government. Students will examine economic concepts, evaluate their effects on citizens and compare how the United States economy affects and is

affected by the world economy. Students will use reading and writing strategies in the content area, use research and information skills, and actively engage in evaluation, analysis and synthesis of government and economics.

OR

AP GOVERNMENT (W) (1 credit)
AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

JUSTICE AND SOCIAL ISSUES (.5 credit)
Students will use research strategies to examine topics such as ableism, classism, sexism, racism and religious freedom. Through extensive research and discussion, students will improve critical and evaluative thinking skills, and actively engage in the evaluation, analysis and synthesis of controversial social issues and their impacts on individuals in society. Students will respectfully express and evaluate varying and diverse viewpoints.

ECONOMICS (.5 credit)
Students will study Missouri government as well as local government. They will learn a variety of economic concepts and examine the effects of these economic concepts on citizens. Students will evaluate the American economic system and compare it to other types of economies. They will also identify and analyze how global issues affect the world economy. Students will use reading and writing strategies for the content area, use research and information skills, and actively engage in evaluation, analysis and synthesis of global issues and their impact on the American economy.

WOMEN'S STUDIES (.5 credit)
Students in this course will explore how women's roles in U.S. history have changed and expanded by analyzing and evaluating political, social, economic, educational, and gender issues. Students will read and analyze complex texts from multiple sources including non-fiction and primary source documents; skillfully utilize media and technology to explore course topics; express ideas in written form, including arguments, exposition, research, and narrative; effectively present and discuss findings in both small-group and whole-class settings; and broaden their content knowledge and critical thinking skills while respectfully considering multiple perspectives.

SOCIOLOGY (.5 credit)
Students will study the effect of environment and cultural heritage in shaping behavioral patterns. They will investigate the results of human interaction in meeting the challenges of poverty, crime, and racism in our modern urban society. Other topics include group processes, leadership, and group behavior. Students will improve critical and evaluative thinking skills, create case studies and use research and information skills throughout the course.

PSYCHOLOGY (.5 credit)
In this course, students will develop an understanding of psychology as an empirical science and then look at the major subfields that are within psychology. They will be introduced to the major parts of the brain and nervous system and how changes in those systems can affect behavior. Students will also study sleep, dreams, and sleep disorders. Students will assess the difficulty in diagnosing abnormal behavior and the different classifications of

mental disorders. Students will analyze case studies to see how society and culture influence the individual while also examining learning and memory. Students will use reading and writing strategies to research and actively engage in the evaluation, analysis, and synthesis of psychological issues.

OR

AP PSYCHOLOGY (W) (1 credit)
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

EXPERIMENTAL PSYCHOLOGY (.5 credit)
This introductory course allows students to examine human and animal behavior through psychological research, experimentation, and analysis of data. By conducting experiments in a laboratory situation, students can relate the basics of psychology to laws of human behavior, to daily life, and to understanding the scientific method. (Successful completion of General Psychology is strongly suggested as a prerequisite.)

AP COMPARTIVE GOVERNMENT AND POLITICS (W) (.5 credit)
AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and the political, economic, and social challenges among six selected countries: Great Britain; Mexico; Russia; Iran; China; and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

AP HUMAN GEOGRAPHY (W) (.5 credit)
AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

PERSONAL FINANCE (.5 credit)
Understanding and managing personal finances are key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

III. MATHEMATICS

FOUNDATIONS OF ALGEBRA (.5 – 1 credit)

Foundations of Algebra is designed to prepare students who have not mastered the algebra readiness topics. Students will be placed into this class, before Algebra 1, based on state and district assessment data. Topics include number systems and operations, properties of numbers, proportional thinking, properties and classification of geometric figures, measurement, Pythagorean relationships, data analysis, probability, simplifying and solving algebraic equations, patterns, and functions. One elective credit will be given to students who need extended time to complete Foundations of Algebra.

ALGEBRA 1 (Required) (1 credit)
In Algebra 1, students work with real data, real-life situations, and real-world applications. They learn new materials and skills in hands-on investigations. These investigations introduce concepts that involve data gathering, interpretation and analysis, finding a model, and using the model. Technology is incorporated throughout. Graphing-calculators, Dynamic Mathematics software, and sensor technologies provide opportunities for in-depth explorations. This course integrates algebra with geometry, statistics, data analysis, functions, probability, and trigonometry. It builds mathematical English Language Arts. Students work in cooperative groups to share ideas and learn from each other. Listening to others and resolving disagreements strengthens mathematical understanding as well as English Language Arts. Algebraic concepts include proportional reasoning and variation, linear equations, fitting a line to data, systems of equations and inequalities, exponents, functions, transformations, and quadratic models.

ALGEBRA MATH LAB (.5 – 1 elective credit)
The Algebra Math Lab course is designed to formalize and extend the mathematics that students learned in the middle grades to facilitate their success in a dually enrolled Algebra 1 course. Because this course is built mostly upon the middle grades standards, this is a cognitive development tool to support more ambitious version of Algebra I than has generally been offered. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, where students engage in methods for analyzing, solving, and using linear and basic quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ALGEBRA IN MANUFACTURING PROCESSES, ENTREPRENEURSHIP, AND DESIGN (AMPED) (1 credit)
This course is one part of the combined AMPED course. The course engages students in extending the mathematics they learned in the earlier grades in an authentic business setting. Students 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. Students 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. This contextual learning experience combines all Algebra 1 standards and business entrepreneurship standards through relevant and interactive, career-centered projects. Students will be enrolled in two courses and receive both an Algebra 1 and a CTE credit.

GEOMETRY (Required) (1 credit)
In Geometry, students use the tools of geometry to conduct investigations, compare ideas, and make conjectures about geometric relationships. Through the investigative process, students discover important principles of geometry and develop conceptual understanding. They prepare for formal proof by beginning with paragraph, flowchart, and algebraic proofs. Students experience an active, hands-on approach of investigation and exploration. Algebra is incorporated throughout this course. Technology is integrated throughout this using

graphing calculators in algebra applications and The Geometer's Sketchpad in geometry investigations. Geometric concepts include geometric design, reasoning, construction, triangle, polygon, and circle properties, transformations, area, volume, similarity, and trigonometry. (Prerequisite: Algebra 1)

OR

HONORS GEOMETRY (1 credit)
In Honors Geometry, students use the tools of geometry to conduct investigations, compare ideas, and make conjectures about geometric relationships. Through the investigative process, students discover important principles of geometry and develop conceptual understanding. They prepare for formal proof by beginning with paragraph, flowchart, and algebraic proofs. Students experience an active, hands-on approach of investigation and exploration. Algebra is incorporated throughout this course. Technology is integrated throughout this using graphing calculators in algebra applications and The Geometer's Sketchpad in geometry investigations. Geometric concepts include geometric design, reasoning, construction, triangle, polygon, and circle properties, transformations, area, volume, similarity, and trigonometry. Additional Topics which differentiate Honors from standard geometry curriculum include: reciprocal trig functions, law of sine and cosine, advanced circle proofs and constructions, vectors in geometric form, and "Honors Projects" for each unit.

ALGEBRA 2 (Required) (1 credit)
In Algebra 2, students work with real data, real-life situations, and real-world applications to realize the value of learning mathematics. This course incorporates investigations, experiments, and cooperative learning. Students approach traditional and contemporary algebra topics from many different perspectives, exploring concepts informally and intuitively before seeing algebra in its abstract, symbolic representations. Students use technology such as graphing calculators and computers, to explore problems, ideas, and concepts from different viewpoints. Explorations and investigations emphasize symbol sense, algebraic manipulations, and conceptual understanding. Algebra 2 integrates algebra with geometry, statistics, data analysis, functions, probability, and trigonometry. This course prepares students for additional study of mathematics, science, and courses rich in data analysis and statistics, in high school and beyond. Algebra concepts include patterns and recursions, linear systems, rational, exponential, quadratic, and logarithmic functions, conic sections, and series. (Prerequisite: Algebra 1)

OR

HONORS ALGEBRA 2 (1 credit)
In Honors Algebra 2, students work with real data, real-life situations, and real-world applications to realize the applications value of learning contextualized mathematics. This course incorporates investigations, experiments, discourse, error analysis, and cooperative learning. Students approach traditional and contemporary algebra topics from many different perspectives, exploring concepts informally and intuitively before seeing algebra in its abstract, symbolic representations. Students use technology such as graphing calculators and computers, to explore problems, ideas, and concepts from different viewpoints. Explorations and investigations emphasize fluency, symbol sense, algebraic manipulations, and conceptual understanding. Honors Algebra 2 integrates algebra with geometry, statistics, data analysis, functions, probability, and trigonometry. This course prepares students for additional study of mathematics, science, and courses rich in data analysis and statistics, in high school and beyond. Algebra concepts include patterns and recursions, linear systems, rational, exponential, quadratic, piecewise, absolute value, and logarithmic functions.

COLLEGE PREPARATORY ALGEBRA (1 credit)
The College Prep Algebra course is designed to review and strengthen skills and knowledge of mathematics which are necessary for success regarding college placement, ACT, and SAT tests, and career readiness. Our students work with real data, real-life situations, and real-world applications to realize the applications value of learning

contextualized mathematics. This course incorporates investigations, experiments, discourse, error analysis, and cooperative learning. Students approach traditional and contemporary algebra topics from many different perspectives, exploring concepts informally and intuitively before seeing algebra in its abstract, symbolic representations. Students use technology such as graphing calculators and computers, to explore problems, ideas, and concepts from different viewpoints. Explorations and investigations emphasize fluency, symbol sense, algebraic manipulations, and conceptual understanding. Topics include those found in a typical college entry level math course. This course prepares students for additional study of mathematics, science, and courses rich in data analysis and statistics, in high school and beyond. The course content includes algebraic concepts, geometry, number systems and theory, and probability and statistics. (Prerequisite: Algebra 2)

STATISTICS (1 credit)
Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four conceptual themes: exploring data, planning a study, anticipating patterns from models of probability theory and simulation, and statistical inference. Students will encounter several types of assessment within this course: unit quizzes and exams, comprehensive exams, research projects, and experimental investigations that require collecting and analyzing data using technology. Students wanting to take Statistics for honors credit or the AP Statistics Test should register for AP Statistics. (Prerequisite: Algebra 2)

OR

AP STATISTICS (W) (1 credit)
AP Statistics will be a rigorous course, preparing students for the Advanced Placement Statistics test. Several advanced concepts will be taught in addition to the objectives listed in the regular statistics curriculum. This course will be taught at a faster pace since students must master all of these objectives before the AP test is administered each May. In addition to the quicker pace, homework assignments will include challenging problems and the suggested exercises. Alternative assessments such as projects or experiments will be more frequent and require more detail and work outside of the classroom. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: Algebra 2)

PRE-CALCULUS WITH TRIGONOMETRY (1 credit)
Pre-Calculus introduces students to the major concepts and tools needed to study calculus: a strong background in functions of all types, an introduction to series and sequences, and an introduction to limits. Students will encounter several types of assessment within this course: unit quizzes and exams, comprehensive exams, research projects, and experimental investigations that require collecting and analyzing data using technology. Students may take Pre- Calculus with Trigonometry concurrently with Geometry. (Prerequisite: Algebra 2 and Geometry)
OR

HONORS PRE-CALCULUS WITH TRIGONOMETRY (W) (1 credit)
Honors Pre-Calculus with Trigonometry introduces students to the major concepts and tools needed to study Calculus. Students will encounter several types of assessment within this course: unit quizzes and exams, comprehensive exams, and experimental investigations that require collecting and analyzing data using technology. The honors course will be a rigorous course, preparing all of its students to take Advanced Placement Calculus or Statistics the following year. It will be taught at a faster pace to further challenge a student who has mastered all of the advanced algebra concepts. Alternative assessments, such as projects or experiments, will be more frequent and require more detail and work outside of the classroom.

CALCULUS (1 credit)
This course emphasizes a multi-representational approach to calculus with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations are made through the study of derivatives, integrals, limits, approximation, application, and modeling. Technology will be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions to confirm written work, to implement experimentation, and to assist in interpreting results. Students wanting to take Calculus for honors credit or the AP Calculus Test should take AP Calculus. (Prerequisite: Pre-Calculus with Trigonometry or Honors Pre-Calculus with Trigonometry)

OR

AP CALCULUS (W) (1 credit)
AP Calculus will be a rigorous course, preparing all students for the Advanced Placement Calculus test. Several advanced concepts will be taught in addition to the objectives listed in the regular calculus curriculum. This course will be taught at a quicker pace since students must master all of these objectives before the AP test is administered in May. In addition, homework assignments will include AP test preparation problems. Alternative assessments such as projects or experiments will be more frequent and require more detail and work outside the classroom. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.
(Prerequisite: Pre-Calculus with Trigonometry or Honors Pre-Calculus with Trigonometry)

ACT PREP (.5 elective credit)
This course will allow students to spend a semester preparing for the ACT exam. Students will learn content and test- taking strategies in English, math, reading, writing, and science. Students will complete exercises, take practice tests and set goal scores. The course will be taught by an English teacher and a math teacher and will count for .5 elective credit. (Not math or English credit)

IV. SCIENCE

PHYSICS FIRST (Required) (1 credit)
Physics First emphasizes the science behind real world applications of electricity, motion, forces, and energy. The force and motion units will include velocity, acceleration, and Newton's Laws. Hands-on explorations using math and technology are incorporated to gain well-rounded knowledge of science concepts. Students will build scientific models to describe the physical world. Lab activities are designed to develop skills in experimental design and data analysis. (Students who completed Algebra 1 in 8th grade may enroll in Honors Physics)

OR

HONORS PHYSICS (1 credit)
Honors Physics students will learn to analyze the physical world and apply general laws of motion, energy, and matter to mechanical systems. Investigations will include constant and accelerated motion, Newton's Laws, gravitation, circular motion, projectiles, conservation of energy, and momentum. This course will provide the students with a foundation of basic principles to allow them to be competitive in today's technological society. Laboratory investigations are included in each unit. During the second semester, students will continue to analyze concepts affecting their physical world including wave motion and electromagnetism. Investigations will include wave characteristics, wave interactions, reflection, refraction, electricity, and magnetism. This course will provide the student an understanding to analyze the benefits and dangers of new technologies. Laboratory investigations are included in each unit.

CHEMISTRY (Required) (1 credit)
Chemistry is the study of matter which makes up all substances in the universe. By taking chemistry, students will learn about the atom, the basic building block of all matter. Students will learn how the composition of atoms lead to the different types of elements as well as the properties of those elements. Students will learn how elements combine together to form more complex matter and the factors that determine how these elements interact. Students will examine the interaction between matter and energy. Finally students will examine how human activity affects the chemical composition of the atmosphere, which in turn can have detrimental effects on human lives.

OR

HONORS CHEMISTRY (1 credit)
Honors Chemistry is a study of the properties of matter and the changes that matter undergoes. Students will study atomic structure, electron distribution models, the periodic table, and chemical bonding. This course will include a variety of hands-on laboratory activities and prepare students for further science study. The second semester continues the investigation into properties of matter and the changes that matter undergoes. Students will study chemical formulas, chemical reactions, stoichiometry, kinetic molecular theory, physical states of matter, and acid/base chemistry. It is recommended that students have successfully completed Physics First prior to enrolling in this class and concurrently enrolled in Algebra 2.

BIOLOGY (Required) (1 credit)
Biology is devoted to the study of living things and their processes. Throughout the year this course provides opportunities for students to develop scientific process skills, laboratory techniques, and an understanding of the diversity of living organisms and their ecological roles, cellular structures and their functions, cellular processes like photosynthesis, cellular respiration, cell transport, and cell reproduction. Students will explore biological science as a process, cell structure and functions, genetics and heredity, natural selection and adaptations. An end of course exam (EOC) will be administered in April, which covers objectives for both semesters. (Prerequisites: Chemistry or Honors Chemistry)

OR

HONORS BIOLOGY (1 credit)
This course provides more in-depth knowledge and analysis for students to prepare for the AP Biology course. Biology will establish the principles and foundations for the study of living organisms and life functions. Through the application of the scientific method and other research processes, the following topics will be studied: ecological interactions between organisms and the environment; cellular structure, function, and reproductive processes; and a study of genetics and the field of biotechnology. The second semester continues the study of living organisms and life functions by explorations into the diversity of living things. A study of classification and phylogenetic grouping of protists, fungi, bacteria, viruses, plants, and animals presents the diversity and organizational complexity of life to the student. In-depth investigations using the scientific method and other research processes will be used to study life processes such as photosynthesis, respiration, and plant and animal structure, function, and reproduction. (Prerequisites: Chemistry or Honors Chemistry)

ASTRONOMY (.5 credit)
This course teaches students to understand the basic principles of astronomy, including the motion of objects, relative distances, and the fundamental processes that govern the formation of celestial objects. Students will investigate the characteristics of the universe, solar system, galaxies, stars, and planets. In addition, they will

develop an understanding of the basic principles that govern the motion of celestial objects. Laboratory investigations are included in each unit.

ANATOMY AND PHYSIOLOGY (W) (1 credit)
Students will study human systems in terms of the essential functions they serve: deriving energy from food, internal coordination, protection against injury, and continuity of life. Laboratory experiences and various case studies will be emphasized for better understanding and preparation toward medically related careers: medical doctor, nursing, medical technicians, physical therapist, etc.

ORGANIC CHEMISTRY (W) (.5 credit)
Organic chemistry is the study of the composition and properties of compounds that are made from carbon. Carbon is a very unique element which forms chains with itself and therefore the amount of variation in organic compounds is virtually limitless. For this reason life is based on carbon. Organic compounds are also central to the economic growth of the U.S. since they are used in industries such as the rubber, plastics, fuel, pharmaceutical, cosmetics, detergent, coatings, dyestuffs, and agrichemicals industries. This course builds on concepts introduced in general chemistry and focuses in much more detail on the element carbon, exploring the structures of compounds it forms as well as their properties. The course will include laboratory experiments which include the synthesis and characterization of organic compounds. Organic Chemistry is a prerequisite to many medical careers. (Prerequisites: Honors Chemistry or AP Chemistry)

BIOCHEMISTRY (W) (.5 credit)
Biochemistry is the study of the chemicals of living systems and their interactions. Though on their own these chemicals are not living, together their interactions work to create and sustain living organisms. This course focuses on how the material, energy and information in biological systems are created and processed on the molecular level. It builds on concepts introduced both in general chemistry, general biology and organic chemistry. It is a sort of hybrid of chemistry and biology, exploring the details of how biological organisms use chemicals. The course will include laboratory experiments. Biochemistry is a very active research field and is a prerequisite to most medical careers. (Prerequisites: Organic Chemistry)

AP ENVIRONMENTAL SCIENCE (W) (1 credit)
This course will provide students with the scientific principles and concepts required to understand the interrelationships of the natural world. Students will analyze and interpret information and data; identify and analyze environmental problems; evaluate the ecological and human health risks associated with these problems; and critically examine various solutions for resolving or preventing them. This course will include laboratory and field investigation. The course includes the following six content areas: Earth Systems and Resources; The Living World; Population; Land and Water Use; Energy Resources; and Consumption. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

AP BIOLOGY (W) (1 credit)
Students will study the scientific method, biochemistry, and cell structure and function from a standpoint of application to scientific research. The scientific method of problem solving, laboratory experience, essay writing, and independent projects will be emphasized. This course is designed to prepare students for the Biology Advanced Placement exam. During the second semester, students will study cell processes, reproduction and development, and heredity from a standpoint of application to scientific research. Methods of problem solving, laboratory experience essay writing, and independent projects will be emphasized. Students taking this course are strongly

encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: Honors Biology or Teacher Recommendation)

AP CHEMISTRY (W) (1 credit)
Students will investigate important areas of chemistry focusing on atomic theory, the periodic table, bonding, molecular structure, gas laws, kinetic molecular theory, and stoichiometry calculations. This course is designed to prepare students for the Chemistry Advanced Placement exam. During the second semester, students continue to investigate important areas of chemistry focusing on stoichiometry calculations, electrochemistry, properties of solutions, acids and bases, equilibrium, rates of reaction, thermodynamics, nuclear chemistry, and organic chemistry. Laboratory experience is extensive, and the time and effort required of students differs significantly from the usual high school science course. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: Honors Chemistry or Teacher Recommendation)

AP PHYSICS (W) (1 credit)
This course is the follow-up to Physics. A student who succeeds in this course will be well prepared for any introductory college physics course. This course will expand the concepts of mechanics, light, and sound covered in Physics. This course will expand the concepts of electricity and magnetism covered in Physics. It will additionally cover thermal physics and modern physics. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score. (Prerequisite: Honors Physics or Teacher Recommendation)

V. PROJECT LEAD THE WAY (PLTW)

BIOMEDICAL SCIENCES (1 credit)
In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

HUMAN BODY SYSTEMS (1 credit)
Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. (Prerequisite: Principles of the Biomedical Sciences)

MEDICAL INTERVENTIONS (W) (1 credit)
Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. (Prerequisite: Principles of Biomedical Sciences and Human Body Systems)

BIOMEDICAL INNOVATION (W) (1 credit)
In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century.

Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. (Prerequisite: Principles of Biomedical Sciences, Human Body Systems, and Medical Interventions)

VI. FINE ARTS

A. ART

ART & DESIGN (.5 credit)
This beginning course is the foundation for all other art courses. The elements and principles of art are explored by creating two dimensional and three dimensional works of art using different materials. In this course the student will obtain the knowledge needed to be successful in the more advanced art classes. It is strongly recommended that Art & Design be taken prior to any other visual arts class.

DRAWING 1 (.5 credit)
Elements and techniques of drawing including value, contour line, and perspective will be explored in this course focusing on working from direct observation. The students will develop an understanding of expressive drawing and produce works in subject matter such as still life, figurative works, landscapes and portraits. Since students will build upon the basic understanding of line, value, color, shape, and proportion learned in Art & Design it is strongly recommended that they complete Art & Design prior to taking this course.

DRAWING 2 (.5 credit)
In this course students will create more challenging drawings involving a variety of subject matter, techniques, and materials. An emphasis will be placed on the student developing a personal style of drawing. Due to the advanced nature of this course, it is strongly recommended that the student complete Art & Design and demonstrate proficiency in Drawing 1. (Prerequisite: Drawing 1)

POTTERY 1 (.5 credit)
This introductory course encourages students to create original works of art by using pottery construction methods such as pinch, coil, slab, and wheel throwing. Students will become familiar with the cultural, chemical and geological origins of clay. Simple glaze decoration and firing techniques will be explored. Students will learn of various cultures and the artists who have played an important role in the history and evolution of ancient pottery to present day. This interactive class enables the student to discover the process of pottery production from design through firing. Students should have a proficient understanding of the elements and principles of art; therefore, taking Art & Design is strongly recommended prior to taking this course.

POTTERY 2 (.5 credit)
This advanced level studio course is developed for the serious ceramic student who has demonstrated the technical proficiency and the creative ability to continue working towards a career in ceramics. Emphasis is placed upon mastering advanced hand-building and wheel throwing techniques, developing a sense of style, achieving unique creativity in design, and striving for perfection in craftsmanship. Students will continue the exploration of ceramic vocabulary, advanced glaze chemistry, and firing techniques. An increased understanding of art criticism and appreciation will also be targeted. Students will be expected to complete portfolio quality work suitable for submission to institutions of post-secondary training and the professional job market. Due to the advanced nature of this course, it is strongly recommended that the student demonstrate proficiency in Pottery 1. (Prerequisite: Pottery 1)

PAINTING 1 (.5 credit)
Students will apply color theory, basic skills, and drawing techniques to create two-dimensional works of art through the medium of paint. They will develop artistic criticism skills in examining the works of others. Students should have an understanding of color theory and basic drawing techniques and principles; therefore, taking Art & Design is strongly recommended prior to taking this course.

PAINTING 2 (.5 credit)
Students will develop advanced painting techniques by exploring a variety of subject matter including both two and three- dimensional painting and other experimental forms of art. They will examine works of various artists, historic art movements and painting styles. Students will use various media and tools to create painted works of art for portfolio use. Painting 1, previous drawing knowledge, and Art & Design will provide a foundation for students to be successful in this course. (Prerequisite: Painting 1)

FIBER ARTS (.5 credit)
Students will create two and three-dimensional art work using various fibers while applying the elements and principles of design. They will learn about historical and contemporary fiber artists and techniques. Long-term projects may include art work such as: batik, basketry, surface design, papermaking, and bookmaking.

COMPUTER GRAPHICS (.5 credit)
Students will apply industry standards to create a variety of art work using multiple graphic images, a variety of fonts and letter types, illustrations, and photo enhancements on MAC-based computers and Adobe programs. They will create, plan, and develop computer graphic projects that will provide them with basic skills and knowledge essential to a career in the graphic arts. Basic drawing skills and working knowledge of the elements and principles of art are essential components in translating ideas into images. (Prerequisite: Drawing 1)

ADVANCED STUDIO ART (.5 credit)
This advanced course will serve to build and expand the students' previous knowledge and art experiences while exploring and discovering deeper meaning, techniques and other artistic possibilities through their work. This course will also allow the student to concentrate on his/her area(s) of interest while compiling a body of work to be used in their personal portfolio. (Prerequisite: Art & Design and successful completion of two consecutive art courses; i.e., Drawing 1 & 2, Painting 1 & 2, Pottery 1 & 2, and Fibers. Recommendation from art teacher in area of concentration required.)

AP ART HISTORY (W) (1 credit)
In the AP Art History course, students will investigate specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content. They experience, research, discuss, read, and write about art, artists, art making, responses to, and interpretations of art. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

AP ART AND DESIGN (1 credit)
The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—students will choose which of the courses and portfolios to explore. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful

synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams.

INDEPENDENT STUDY FOR VISUAL ARTS (Independent Study guidelines in section G)
The following advanced level courses are for individual students who want to pursue advanced study in a specific area of concentration. At the onset of the course, the student will be provided with a set of goals and a minimum number of projects to be completed during each quarter. The student will be provided space to work independently while another course is being taught. The student will create a portfolio of exemplary work to be used in pursuing a career in visual arts and to apply for college and scholarships. (Prerequisite: Art & Design, successful completion of courses in area of concentration, and recommendation from art teacher in area of concentration)

- INDEPENDENT STUDY, PAINTING (.5 credit)
- INDEPENDENT STUDY, DRAWING (.5 credit)
- INDEPENDENT STUDY, POTTERY (.5 credit)
- INDEPENDENT STUDY, FIBERS (.5 credit)

B. MUSIC

POPULAR MUSIC IN AMERICAN HISTORY (.5 credit)
This course will help students understand American History through their knowledge of song and to help them understand American song through their knowledge of history. Popular songs not only reflect moments in social, political, and military history, but at times help to shape those moments. This course will show the lyrical link between American historical events and the music they inspired.

MIXED CHOIR (.5 credit – course may be repeated)
This course is a non-auditioned group for senior high students wanting to develop basic skills needed to perform within a large ensemble. Students will study vocal techniques, ensemble skills, and basic music theory as related to appropriate music level. After one semester, the student should be prepared to audition for Women's, Men's and/or Concert Choir. Performances are optional unless required at the direction of the teacher.

GIRLS' CHOIR (.5 – 1 credit by audition only)
This course is a select choir for the advanced high school girl who exhibits outstanding ensemble technique skills, maturity, and positive learning skills necessary for artistic ensemble performances. Students will study vocal techniques, ensemble skills, theory, and history as related to aesthetic performance practices. All performances are required and graded. Placement will be by teacher recommendation only. Enrollment is based upon voice classifications and balance.

BOYS' CHOIR (.5 – 1 credit by audition only)
This course is a select choir for the advanced high school boy who exhibits outstanding ensemble technique skills, maturity, and positive learning skills necessary for artistic ensemble performances. Students will study vocal techniques, ensemble skills, theory, and history as related to aesthetic performance practices. All performances are required and graded. Placement will be by teacher recommendation only. Enrollment is based upon voice classifications and balance.

CONCERT CHOIR (.5 – 1 credit by audition only)
This choir is a highly selective auditioned choir for the advanced senior high student who exhibits outstanding technique skills, maturity, and positive learning skills necessary for artistic solo and ensemble performances. Students will study advanced vocal techniques, ensemble skills, theory, and history as related to aesthetic

performance practices. All performances are required and graded. Placement is by teacher recommendation only. Enrollment is based upon voice classification and balance. Concert choir members will perform in all concert choir performances.

MUSIC THEORY 1 (.5 credit)
This course is designed for students who desire to learn music theory and notational skills, composition and arranging techniques, and a survey of music history and literature. Enrollment is open to all students regardless of musical background.

MUSIC THEORY 2 (.5 credit)
This course is a continuation of Music Theory 1. It is designed for students who desire to learn music theory and notational skills, composition and arranging techniques, and a survey of music history and literature. Enrollment is open to all students regardless of musical background. (Prerequisite: Music Theory 1 or Teacher Recommendation)

CONCERT BAND (.5 – 1 credit)
This course is designed for students who wish to continue their band experience. Enrollment in Concert Band is based on auditions and directors' recommendation. Concert Band provides continued instruction of ensemble skills. Students performing on an extra-curricular basis are expected to meet eligibility standards as specified by the Missouri State High School Activities Association. Attendance at all performances is required according to the Hazelwood School District Fine Arts Attendance Guidelines for Musical Performance. Students are expected to provide their own instrument and supplies.

SYMPHONIC BAND (.5 – 1 credit)
This class demonstrates skills necessary for musical performances. Enrollment in Symphonic Band is based on auditions and director's recommendation. Symphonic Band builds on fundamentals taught in Concert Band by providing instruction in advanced ensemble techniques. Marching Band is integrated into the band experience as a co-curricular or extra- curricular activity. Students performing on an extra-curricular basis are expected to meet eligibility standards as specified by the Missouri State High School Activities Association. Attendance at all performances is required according to the Fine Arts Musical Performance Attendance Guideline form. Students are expected to provide their own instruments and supplies

CONCERT ORCHESTRA (.5 – 1 credit)
This course is an auditioned ensemble for high school students who exhibit skills necessary to perform as a soloist and a large ensemble member. Students will study instrumental techniques, ensemble skills, theory, and history as related to appropriate music. Placement is by instructor's recommendation only. Prior experience is required. All performances are required and graded. Enrollment is based upon instrumental needs.

SYMPHONIC ORCHESTRA (.5 – 1 credit)
This highly-selective auditioned orchestra is for the advanced high school student who exhibits outstanding ensemble skills, maturity and technique necessary for artistic solo and ensemble performance. Students will study highly-advanced instrumental techniques, ensemble skills, theory, and history as relates to aesthetic performance practices. Extensive prior experience is necessary. Placement by instructor's recommendation only. All performances are required and graded. Enrollment is based upon instrumentation and balance. Other ensemble requirements are at the discretion of the instructor.

DRUM CORPS (.5-1 credit)
Drum Corps is designed to help percussion students further their musical skills outside of regular band class. Students will further develop their music reading skills, musicality, music terminology, music history, and music theory. Students will study practice, and perform a wide variety of percussion literature with emphasis on the

continual development of technical facility, precision movement, and musical notation reading skills. Drum Corps will perform frequently throughout the year at school, community and festival events.

AP MUSIC THEORY (W) (1 credit)
The AP Music Theory course corresponds to a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand the basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized. Students taking this course are strongly encouraged to take the Advanced Placement exam. Students taking the Advanced Placement exam may receive college credit if they receive a qualifying score.

RADIOACTIVE (Offered only at Hazelwood East High School) (.5 credit, elective credit only)
RadioACTIVE will continue and build upon the activities and learning students experienced in the blendLAB course. The class will provide students with opportunities that offer experiences in today's fastest growing fields in multimedia such as podcasting, streaming, gaming, advertising, and more through a combination of entertainment, STEM, and entrepreneurship.

C. DRAMA

INTRODUCTION TO THEATER (.5 credit)
This course is for students interested in a broad overview of theater. This course introduces students to a variety of elements and principles used in the process of theatre production and appreciation of theatre arts. The class experience will also provide a technical overview of producing a play, including business management. This course will help students interested in pursuing theater after high school by allowing students to learn about all sides of theater. This course provides a foundation for the other drama classes, and it is strongly recommended that students take this class as a prerequisite for all other drama courses.

ACTING 1 (.5 credit)
This beginning course focuses on the basic elements of stage acting. The student will develop skills in concentration, memorization, movement, and voice, and will learn stage areas and theatrical stage positions. This course is the prerequisite for Acting 2, Directing Independent Study, and Honors Theater Practicum.

ACTING 2 (.5 credit)
This upper level course focuses on the advanced elements of stage acting. Students will perform scenes to develop skills in movement, characterization and stylization. This course is a prerequisite for Independent Study and Honors Theatre Practicum. (Prerequisite: Acting 1)

STAGE DESIGN 1 (.5 credit)
This beginning course offers an overview of practical application through experiences in technical theatre, including scenic design, set construction, painting, lighting, sound and the use of stage materials. This course is a prerequisite for Stage Design 2.

STAGE DESIGN 2 (.5 credit)
This course offers a more in-depth practical application of technical theatre concepts. A strong emphasis will be placed on the design process regarding scenery, lighting, sound, costumes and make-up. Students will develop practical skills in a variety of backstage areas and contribute to successful productions. This course can only be

taken after the student has passed Introduction to Theater and Stage Design I. This course is a prerequisite for Independent Study and Honors Theatre Practicum. (Prerequisite: Stage Design 1)

STAGE MOVEMENT (.5 credit)
This basic movement class will provide the student with the beginning basic knowledge of pantomime, ballet, tap, modern, jazz, folk, and ballroom dance. Students will be exposed to the elements of choreography and have an opportunity to choreograph a dance.

HONORS THEATRE PRACTICUM (.5 credit)
This advanced course provides the student with an opportunity for intensified study in selected areas of theatre such as acting, choreography, playwriting, design, directing, stage management, theatre history, dramatic theory and criticism. Portfolios will be developed, and theater scholarships opportunities and auditions will be discussed. Students must have passed Acting 1 and 2; or Stage Design 1 and 2; Stage Movement.

INDEPENDENT STUDY FOR THEATER (Independent Study guidelines in section G)
The following advanced level courses are for individual students who want to pursue advanced study in a specific area of concentration. At the onset of the course, the student will be provided with a set of goals and a minimum number of projects to be completed during each quarter. The student will be provided space to work independently while another course is being taught. The student will create a portfolio of exemplary work to be used in pursuing a career in theater arts and to apply for college and scholarships. (Prerequisite: successful completion of courses in area of concentration, and recommendation from teacher in area of concentration)

- INDEPENDENT STUDY, DIRECTING (.5 credit)
- INDEPENDENT STUDY, TECHNICAL DESIGN (.5 credit)
- INDEPENDENT STUDY, DANCE CHOREOGRAPHER (.5 credit)

VII. PRACTICAL ARTS (Career & Technical Education)

A. BUSINESS EDUCATION

COMPUTER BUSINESS APPLICATIONS 1 (.5 credit)
Students will develop and reinforce skills in keyboarding input methods and basic computer operations. They will gain proficiency in using word processing skills for personal and professional settings. Students will also demonstrate guidelines on how to use the internet safely, efficiently, and how to evaluate the validity of internet sources. They will learn correct e-mail etiquette and principal usages of email.

COMPUTER BUSINESS APPLICATIONS 2 (.5 credit)
Students will develop spreadsheet and presentation software skills needed for high school, college and various technology careers, in addition to building on their word processing and internet skills developed in Computer Business Applications. Students will gain experience in preparing business forms, tables, presentations, and charts. The most current software appropriate to the industry will be utilized. Students may receive St. Louis Community College articulated credit. (Prerequisite: Computer Business Applications 1)

INTRODUCTION TO GRAPHIC DESIGN AND MULTIMEDIA (.5 credit)
Introduction to Graphic Design and Multimedia is an entry-level course in which students will develop graphic design and multimedia skills. Students will develop technical skills including computer animation, the creation of original graphic images, and the development of a personal portfolio through the use of computer software such as Adobe Illustrator, Adobe Animate and Adobe PhotoShop.

WEB DESIGN (.5 credit)
This course deals with the use of Web programming languages (HTML, JavaScript, etc.), graphics applications and other Web authoring tools to design, edit, launch and maintain Websites and pages. Such topics as Internet theory, Web page standards, Web design elements, user interfaces, special effects, navigation and emerging Web technologies will be included. Computer Applications I & II and/or Introduction to Graphic Design are helpful prerequisite courses. Students may receive articulated college credit from St. Louis Community College. (Prerequisite: Computer Applications I)

ENTREPRENEURSHIP (1 credit)
Entrepreneurship is a year-long one credit course that will focus on economics and "Market Day" during the first semester which the students will design a product as a small group, market the product, and sell the product. During the second semester students will use previous knowledge to build their own business plan on a larger scale. Students pitch their products and apply for a "loan" to purchase materials for production. Once they sell their product, they pay off their "loan" and keep any profit they make. Entrepreneurship can be taken as a Business course or a Marketing course.

BUSINESS MANAGEMENT PROCESSES (1 credit)
This course is one part of the combined AMPED (Algebra 1 in Manufacturing Processes, Entrepreneurship, and Design) course. This Career and Technical Education (CTE) course engages students by integrating entrepreneurship skills with the math skills they are learning in their Algebra 1 course in an authentic, real-world setting. Students will solve real-world, career-centered problems as they run an advanced fabrication lab customizing textile products. The proceeds generated from the business aspect of the program will be utilized to self-fund the venture and provide philanthropic opportunities for students through community service or monetary gifts to local charities. This contextual learning experience combines business entrepreneurship and all Algebra I standards through relevant and interactive, career-centered projects. Students will be enrolled in two courses and receive both an Algebra I and a CTE credit.

BUSINESS TECHNOLOGY (1 credit)
Students will be provided with an opportunity to develop and apply advanced business skills necessary for employment. They will develop advanced computer skills using the Microsoft Office Suite. In addition, students will develop skills that will be important in their career in a professional or business position. Students may participate in Business Technology Internship when enrolled in this class. (Prerequisite: Computer Business Applications 1)

BUSINESS EDUCATION INTERNSHIP (1-2 credits)
This course is the application of school experiences in a business setting. Students are released from school early for supervised on-the-job training. Students also must be enrolled in Business Technology or Accounting 2. Criteria for internship will be identified through the application process. (Prerequisite: Business Technology or Accounting 2 class taken concurrently)

PERSONAL FINANCE (.5 credit) **(required)**
Understanding and managing personal finances are key to one's future financial success. This one semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

ACCOUNTING 1 (1 credit)
This full year course is an introduction to accounting principles and procedures as they apply to the basic accounting cycle. Students pursuing a college degree in business, finance, marketing, or accounting will find this course extremely beneficial for college preparation. Students will learn to maintain financial records for a service and merchandising business. Students will use computers to prepare financial information.

ACCOUNTING 2 (1 credit)
This full year course will broaden a student's knowledge of accounting principles and procedures. It will enhance a student's preparation for a college major in accounting. Students will learn new procedures for preparing adjustments, calculating depreciation, and preparing payrolls. Accounting procedures for a manufacturing business, cost accounting, and financial statement analysis will be introduced in this second year. Computerized accounting will be used to assist in the preparation of payrolls, financial statements, and budget analysis. Students pursuing a college degree in business, finance, marketing, or accounting will find this course extremely beneficial for college preparation. This course may be taken for college credit. (Prerequisite: Accounting 1)

BUSINESS & PERSONAL LAW (.5 credit)
This course includes the study of practical application of law dealing with the individual's need for protection of his/her personal rights and obligations in everyday life and business agreements. Students will study the origin of law, ethics, legal terminology, contracts, insurance, and property rights (renting, owning).

BUSINESS MANAGEMENT & LEADERSHIP (.5 credit)
This course is designed to help students develop an understanding of skills and resources needed to manage a business. Instruction includes a general overview of American business, forms of business ownership, personnel management, labor-management relations, public and human relations, taxation and government regulations. The use of computers and software as tools in making business decisions in areas such as accounting, sales analysis and inventory control is also introduced.

MARKETING FUNDAMENTALS (.5 credit)
Marketing Fundamentals is a single semester course designed to introduce students to the dynamic processes and activities in marketing. The course develops student understanding and skills in the functional area of marketing. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic and critical-thinking skills. Students are encouraged to join DECA, a nationally recognized, co-curricular student organization. Completion of Marketing Fundamentals meets the prerequisite to enroll in Marketing Internship (cooperative education).

ADVANCED MARKETING 1 (.5 credit)
The Advanced Marketing 1 course has been developed as the second course, first semester, in the marketing series to give students an opportunity to delve more deeply into the marketing functions and their application and impact on business operations. Advanced Marketing 1 includes a review of the basics of marketing, market planning, product/service management, and pricing. Advanced Marketing 1 and 2 make up the full-year course taken concurrently with Marketing Internship for students enrolled in cooperative education. All marketing students are encouraged to join DECA, a nationally recognized, co-curricular student organization. Upon completion of Advanced Marketing 1 and 2 students will be required to take a marketing "industry readiness" certification exam. Marketing Fundamentals, Business Management and Leadership, or Entrepreneurship are a prerequisite for this course.

ADVANCED MARKETING 2 (.5 credit)
The Advanced Marketing 2 course is a continuation of first semester Advanced Marketing 1. Advanced Marketing 2 is the third course, second semester, in the marketing series to give students an opportunity to delve more deeply into the marketing functions and their application and impact on business operations. Advanced Marketing 2 includes a study of marketing-information management, promotion, selling, and channel management. Advanced Marketing 1 and 2 make up the full-year course taken concurrently with Marketing Internship for students enrolled in cooperative education. All marketing students are encouraged to join DECA, a nationally recognized, co-curricular student organization. Upon completion of Advanced Marketing 1 and 2 students will be required to take a marketing "industry readiness" certification exam. Marketing Fundamentals, Business Management and Leadership, or Entrepreneurship are a prerequisite for this course.

MARKETING EDUCATION INTERNSHIP (1 – 2 credits)
Students will develop and reinforce skills in application of school experiences in a business setting. They will gain proficiency in using school knowledge for personal and professional benefits in business settings. In this course the students are released from school early for supervised on-the-job training. Students also must be enrolled in Advanced Marketing 1 & 2. Criteria for internship will be identified through the application process. (Prerequisite: Marketing Fundamentals)

B. FAMILY AND CONSUMER SCIENCE

NUTRITION & WELLNESS (.5 credit)
Nutrition and Wellness students will explore topics related to nutrition, food economics, sustainability, and ecology. They will develop skills to communicate effectively with family members, consumer groups and foodservice industry. Students will solve problems related to health and wellness, as well as food needs, through the application of mathematics and science principles and make responsible decisions involving family and individual food needs, the use of the food dollar, and the care of food. Nutrition and Wellness is a prerequisite for Culinary Arts 1.

CULINARY ARTS 1 (.5 credit)
Students will explore the skills and information needed to pursue a career in the food service industry. Topics explored include industry opportunities, food safety and sanitation, kitchen basics, intro to management, and cooking methods. Students must complete Culinary Arts 1 before enrolling in Culinary Arts 2. (Prerequisite: Nutrition and Wellness)

CULINARY ARTS 2 (1 credit)
During this year long class, students will explore the skills required by the food and restaurant industry preparing them for an entry-level position in the culinary field or entrance to a culinary arts program. A variety of food preparation techniques and applications will be taught. Students will be given a technical skills assessment at the end of the course which could award them a scholarship through the National Restaurant Association if all the requirements are met. (Prerequisite: Culinary Arts I)

APPAREL & TEXTILES (.5 credit)
Apparel and Textiles is a skills course where students are introduced to the exciting and rapidly changing field of fashion, clothing construction, and the technology that supports the field. Basic sewing skills are learned through projects. This course develops sewing skills using a serger, a sewing machine, and an embroidery machine. Project fabric for the pajamas project is the responsibility of the student.

ADVANCED APPAREL & TEXTILES (.5 credit)
Apparel and Textiles, Advanced students investigate and explore fashion as it relates to the clothing and manufacturing industry. Through the study of careers in apparel consumerism, advanced sewing machine and computerized sewing handicraft skills, students develop a background to be used personally and professionally. Students build from skills learned in Apparel and Textiles using new computerized technology. Project fabric and supplies are the responsibility of the student. (Prerequisite: Apparel & Textiles)

FASHION MERCHANDISING (.5 credit)
Fashion Merchandising will allow students to investigate the working of the fashion industry from concept to consumer. They will explore fashion development and movement, current fashion trends, fashion design principles and elements, textile industry, and fashion related careers.

FASHION CONSTRUCTION & DESIGN (.5 credit)
Fashion Construction and Design students will demonstrate a practical application of fashion design to basic pattern making, advanced garment construction techniques, finished garment alterations, textiles and career opportunities. Various garment construction and alteration projects will be completed. Assessment will include a college level portfolio related to fashion and selected project work. Project supplies and equipment are the responsibility of the student. (Prerequisites: Apparel and Textiles, Advanced Apparel and Textiles)

HOUSING AND DESIGN (.5 credit)
Housing and Design students will investigate concepts in housing development, architectural/furniture styles, products/services, and the elements/principles of design. These concepts will be applied to learning how to plan for, select, and finance housing. An additional focus includes a basic understanding of drafting, architectural design, and interior decorating. Students who are interested in careers such as design, drafting, or architecture would benefit from taking this course.

FAMILY LIVING & PARENTHOOD (.5 credit)
Parenting Issues builds parenting skills needed to face parenthood concerns and broadens the understanding of the realities of parenting. Positive parenting, family patterns, considerations before pregnancy, human reproduction, prenatal care and development, labor and birth, infant care, discipline, health and safety, child abuse prevention, media concerns, and child care will be covered. Students will develop an understanding of themselves and their role as a parent through a variety of instruction methods. Tech Prep credit will be provided when this course is taken in conjunction with Child Development, Care & Guidance and a B or better average is maintained in both courses.

CHILD DEVELOPMENT, CARE & GUIDANCE (.5 credit)
This course provides instruction in the care, guidance, understanding, and appreciation of children and their growth and development. Instruction will include all stages and characteristics of development with a focus on ages birth through six years. Units of study also include multiple aspects of health, safety, special needs, selecting appropriate childcare, and careers related to child development. Students who are interested in parenting, early childhood education, elementary education, or any other child-related career should take this course.

ADVANCED CHILD AND HUMAN DEVELOPMENT (.5 credit)
Students will study human growth and development theories and research from six years of age through adulthood, focusing on the psychological, sociological, and physiological aspects of development. This course also explores how children's development is organized within different cultural contexts.
(Prerequisite: Child Development, Care & Guidance)

EXPLORING THE TEACHING PROFESSION (1 credit)
This course is for students who have an interest in a career in education and enjoy working with people and sharing their skills and talents. Students will develop knowledge and skills needed to communicate clearly, to build relationships, and to motivate learners. They will study a broad range of ages and theories related to education. Students will be required to observe in Early Childhood, Elementary, Middle School and High School classes. (Prerequisite: Advanced Child and Human Development)

TEACHING PROFESSION INTERNSHIP (1 credit)
This course is a field based internship for students interested in a career in education that provides them with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students will learn to plan and direct individualized instruction and group activities, prepare instructional materials for educational environments, and complete other classroom responsibilities as directed by the teacher in the assigned classroom. Students need to provide their own transportation and a parking pass. (Prerequisite: Exploring The Teaching Profession and teacher recommendation, or taken concurrently with Exploring the Teaching Profession)

PERSONAL FINANCE (.5 credit)
Understanding and managing personal finances are key to one's future financial success. This one semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

C. INDUSTRIAL TECHNOLOGY

WOOD AND CONSTRUCTION TECHNOLOGY (.5 credit)
Wood and Construction Technology will give students hands on experience using hand tools, power tools and will improve problem-solving skills. Traditional and modern machinery techniques will be applied to develop the knowledge and skills needed for planning and constructing various projects. Student safety and correct machine operation will be stressed.

ADVANCED WOOD TECHNOLOGY (.5 credit)
Advanced Wood Technology will give students more hands on experience focusing on new techniques and a wider range of individual projects. Students will be using traditional as well as modern computer aided machinery to accomplish tasks. Problem–solving skills will be honed as the students develop an understanding of the designing and manufacturing process. Careers in the industry will also be explored. (Prerequisite: Wood and Construction Technology)

METAL TECHNOLOGY (.5 credit)
This course is an introduction to the areas of metals and metalworking. Students will learn the different metal types, the use of hand power tools, and the use of specific processes with the metal. The students will develop a basic understanding of metal shaping, abrading, and cutting operations, as well as how to join metals. Each process will be demonstrated and performed in a lab setting. Opportunities will be explored and post-secondary training will be discussed to assist students in future careers in the field.

HOME REPAIR AND MAINTENANCE (.5 credit)
Home Repair and Maintenance is for those students interested in doing their own home maintenance and repair work. Students will learn the basic information and techniques necessary to use hand tools and various building materials required for routine repair and maintenance of a residential structure and its systems.

DRONE PILOT CERTIFICATION (1 credit)
The Drone Pilot Certification course offers students the opportunity to learn how to legally operate a drone and earn their Drone Pilot's license. In this course, students will learn about industry regulations and best practices, learn about and practice radio communications and standards, learn how to mitigate risks involved with drone operations, and learn basic photography skills using a drone. Earning a Drone Pilot license will offer students an industry recognized credential that will open up numerous employment opportunities for them. (Students must be at least 16 years old to take this course.)

D. PROJECT LEAD THE WAY (PLTW) – Pathway to Engineering

Project Lead The Way (PLTW) is a four year sequence of courses which, when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering prior to entering college. However, those not intending to pursue further formal education will benefit greatly from the knowledge and logical thought processes that result from taking some or all of the courses provided in the curriculum. Students can earn college credit for all Project Lead The Way course offerings.

FOUNDATION COURSES:

INTRODUCTION TO ENGINEERING DESIGN (1 credit)
Students dig deep into the engineering design process, applying math, science, and engineering standards to hands- on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

PRINCIPLES OF ENGINEERING (1 credit)
Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. (Prerequisite: Introduction to Engineering Design and C or above in Algebra 1)

SPECIALIZATION COURSES:

DIGITAL ELECTRONICS (W) (1 credit)
From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. (Prerequisite: Introduction to Engineering Design and Principles of Engineering)

CIVIL ENGINEERING AND ARCHITECTURE (W) (1 credit)
Civil Engineering and Architecture (CEA) is a high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-

ended projects and problems that require them to develop planning, communication, and other professional skills. (Prerequisite: Introduction to Engineering Design and Principles of Engineering)

AEROSPACE ENGINEERING (W) (1 credit)
This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. (Prerequisite: Introduction to Engineering Design and Principles of Engineering)

CAPSTONE COURSE:

ENGINEERING DESIGN & DEVELOPMENT (W) (1 credit)
The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career.
(Prerequisite: Introduction to Engineering Design, Principles of Engineering, and one specialization course)

E. PROJECT LEAD THE WAY (PLTW) – Computer Science

Whether building apps to meet client needs or exploring cybersecurity, PLTW Computer Science engages students in interdisciplinary activities that not only build knowledge and skills in computer science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. The program' s courses empowers students with in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they choose.

COMPUTER SCIENCE ESSENTIALS (1 credit)
Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.

COMPUTER SCIENCE PRINCIPLES (W)
Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit. (Prerequisite: Computer Science Essentials)

COMPUTER SCIENCE A (W)
Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases, as well as creating a game for their friends or an app to serve a real need in the their community. This course is aligned to the AP CSA framework. (Prerequisite: Computer Science Essentials and Computer Science Principles)

CYBERSECURITY (W)
Students explore the tools and concepts of cybersecurity and create solutions that allow people to share computing resources while protecting privacy. (Prerequisite: Computer Science Essentials, Computer Science Principles, and Computer Science A)

F. HEALTH OCCUPATIONS

HEALTH OCCUPATIONS 1 - SEMESTER ONE (2 credits)
This course meets three hours per day. Students gain knowledge about health careers along with the opportunity to explore these careers through guest speakers, audio-visual aids, and outside field trips. Physical and health sciences are studied through a variety of classroom laboratory activities. Students receive nurse assistant training during their studies and clinicals. There is an application process that includes a recommended GPA of 2.5 or higher, 91% attendance rate and teacher recommendation. Students must qualify for Health Occupation 2.

HEALTH OCCUPATIONS 2 - SEMESTER TWO (2 credits)
During the second semester, students are released part of the school day and are given opportunities to observe and participate in clinical experiences. Clinical areas include Christian Hospital Northeast, DePaul Medical Center, St. John's Mercy Medical Center, dental offices, sports medicine facilities, veterinary offices, and other related areas of student interest. (Prerequisites: Students must maintain a 2.5 grade point average or better, 91% attendance, and have adhered to code of conduct standards. All students must have reliable transportation.)

VIII. CENTER FOR ADVANCED PROFESSIONAL STUDIES (CAPS)

CAPS Medicine and Bioscience Strand (4 credits)
The CAPS course provides students with the opportunity to gain real-world, hands-on work experience in a professional work environment related to their academic and career interests. The course will follow the Project Lead the Way Biomedical Science curriculum but will also include training in professional skills for students and hands-on work experiences in the medical field. For the first semester of the course, students will learn skills they need to navigate a professional setting, learn terminology related to the medical field, explore case studies in the medical field, and engage with guest speakers from medical related careers. In second semester, students will participate in internships and job shadowing with medical professionals and research to solve a real world problem presented to them by medical professionals.

CAPS ENGINEERING AND CONSTRUCTION STRAND (2 credits)
The CAPS course provides students with the opportunity to gain real-world, hands-on work experience in a professional work environment related to their academic and career interests. The CAPS Engineering and Construction strand will include a curriculum inspired by PLTW that prepares students for college and/or a career in engineering or the construction trades as well as training in professional and soft skills needed to be successful in these industries. Students may opt to take this class as the PLTW capstone class for engineering (Engineering Design and Development). Students will also participate in mentoring, job shadowing, and internship experiences in the engineering and construction fields as part of the course.

IX. PHYSICAL EDUCATION, HEALTH AND SAFETY EDUCATION

PHYSICAL EDUCATION A (required) (.5 credit)
This level provides the student the opportunity to review and improve skills introduced in previous levels and to explore some new activities. Included are personal fitness, rhythms/aerobics, swimming, and team sports.

PHYSICAL EDUCATION B (required) (.5 credit)
This level offers the student a chance to improve upon skills introduced at previous levels and to select activities of leisure time pursuits.

PHYSICAL EDUCATION C (.5 credit) (May be taken more than once)

Students may continue to elect to take physical education courses to keep physically, mentally, and socially fit and to enjoy activities which will be valuable as leisure time pursuits. Activities may include:

TEAM SPORTS	RECREATIONAL GAMES	INDIVIDUAL SPORTS	AQUATICS
Basketball	Badminton	Archery	Advanced Swimming
Flag or Touch Football	Bocce Ball	Golf	Lifeguard Training
Floor Hockey	Bowling	Handball/Racquetball	Synchronized Swimming
Soccer	Horseshoes	Tennis	Water Aerobics
Softball	Pickleball	Track/Field	Water Polo
Team Handball	Shuffleboard	Wrestling	
Ultimate Frisbee	Table Tennis		
Volleyball			

RHYTHM	PERSONAL FITNESS	OUTDOOR EDUCATION	OFFICIATING
Aerobics	Aerobics	Angling	All Sports
Creative Movement	Body Development	Archery	
Social Dance	Walking for Fitness	Backpacking	
		Orienteering	
		Recreational Games	
		Snorkeling	

ADAPTIVE PHYSICAL EDUCATION (.5 credit)
This course provides physical education for students with physical challenges who are unable to participate in regular physical education. A specific physical form may be obtained from the school nurse.

HEALTH (required) (.5 credit)
The students will gain knowledge about human growth and development, mental health, emotional health, substance abuse, disease prevention, first aid, CPR, safety, and nutrition.

LIFEGUARD TRAINING (.5 credit)
Prerequisites:

- The candidate must be 15 years of age on or before the start of the pre-course session.
- Swim 300 yards continuously using each of the following strokes for at least 100 yards: crawl and breaststroke.
- Submerge to a minimum depth of 7 feet, retrieve a 10 lb. object and return with it to the side of the pool.
- Student must buy the book if receiving Lifeguard Certification.

The American Red Cross Lifeguard Training Course will be presented, and upon successful completion, the students can receive American Red Cross certification in Lifeguard Training and CPR for the Professional Rescuer for a $35.00 certification fee.

PERSONAL FITNESS (.5 credit)
This course includes a basic program composed of flexibility, strength, cardiovascular development, nutrition, training methods, and safety that students can use now and in the future.

DRIVER EDUCATION (.5 credit)
In the Driver Education course, students will develop the habits, knowledge, skills, attitude that are necessary to operate a motor vehicle safely and efficiently. The course content will emphasizes the personal and social implications that are pertinent to the safe and efficient operation of a motor vehicle. Students will be engaged in a variety of tasks to prepare them to navigate our roadways. Topics will include the responsibilities of driving, rules of the road, traffic procedures, safe driving concepts, the legal obligations of driving, alcohol and drug use as related to driving, and

distracted driving. ***This Driver Education course is coursework only. Students will have the option of taking driving lessons outside of the school day for an additional fee.***