

Festus High School

MISSION STATEMENT

We exist to partner with parents and community to support students in becoming contributing citizens by expanding knowledge and scholarship and creating learning environments that promote academic excellence.

VISION STATEMENT

Our school community will:

- Utilize varied strategies to monitor each student's progress toward achieving explicit curricular outcomes;
- Work together in collaborative teams on curriculum, instruction, individual students, and school improvement initiatives;
- Seek and implement promising instructional strategies for improving student achievement on a continuing basis;
- Model lifelong learning through a commitment to ongoing professional development;
- Facilitate positive relationships between community members, parents, staff, students and faculty;
- Create productive citizens by promoting a culture of kindness, fairness, responsibility, and respect;
- Integrate technology and promote its use as a means to achieve specific curricular outcomes;
- Promote the district's vision on a daily basis; (PLC)
- Prepare all students for all types of post-secondary opportunities;
- Promote shared leadership and professional autonomy within specific and clearly understood parameters (loose-tight leadership);
- Recognize and celebrate student and adult efforts, improvements and achievements;
- Provide a safe and orderly environment.

CORE VALUES

Festus High School is a community of adults and students who collaborate with each other with integrity, accountability and respect.

We collaborate when...

- We effectively communicate with a variety of people for a variety of purposes.
- We are flexible with people and adaptable to the task at hand.
- We work as a unified community towards common goals.

We have integrity when...

- We demonstrate good character.
- We practice academic honesty and good quality work.
- We treat others respectfully and professionally.
- We are honest, responsible and supportive with others when contributing to group work.
- We practice good sportsmanship.

When we practice accountability...

- We are responsible for our own actions.
- We contribute to the group and school community.
- We are prepared to follow through to completion.
- We are results based.
- We know and follow all expectations.
- We are punctual, on time, and meet deadlines.
- We are engaged and participate as expected.
- We are prepared to learn.

COLLEGE & CAREER PLANNING GUIDE

The College & Career Planning Guide contains a tremendous amount of information regarding academic planning, career pathways including suggested courses and post-secondary options, MSHSAA guidelines, NCAA/NAIA requirements, and college credit opportunities. This College & Career Planning Guide is provided to assist students and parents with creating a personal plan of study for high school and beyond. Students are strongly encouraged to take courses that not only will help them work toward their future career goals, but also courses that they are interested in. The Festus High School College & Career Planning Guide is available online at www.festus.k12.mo.us under the “HIGH SCHOOL” tab.

FESTUS HIGH SCHOOL

"Where Tigers Earn Their Stripes"

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Dear Students and Parent/Guardians,

At Festus High School, our faculty and staff are committed to preparing students to meet tomorrow's challenges. One of the challenges that our students will face more than any other generation is an increased level of training needed to obtain what were once entry-level jobs. Jobs have become more technical than ever before and require additional post-secondary training. As a result, it is our goal to help students prepare socially, mentally, academically, and financially for their future. Our teachers and counseling staff will work closely with students throughout the year to help them make some of these academic decisions. As students enter high school, it is important for them to begin exploring career interests and the skills/training needed both in high school and beyond. This planning guide will provide you with course offerings and their descriptions to help you with your planning.

In early spring, Festus High School will host several College and Career days to help students in finding a career interest. We will also host a *Curriculum Night* in which advisors will work closely with students and their parents to assist in choosing an appropriate academic plan. Classes have several college and career readiness components built into the curriculum. Of course, planning your courses is just the beginning. We encourage students to challenge themselves and take courses that will push them beyond what they ever thought they were capable of. We have wonderful, dedicated teachers who will ensure that students, with a lot of focus and hard work, can fulfill their dreams no matter what their interests. In addition, the more students challenge themselves and take college-level courses in high school, the more likely they will be to complete a college level degree or training program. Getting accepted into a post-secondary institution is relatively easy; being able to successfully complete the program is dependent upon a student's readiness.

Please review this planning guide carefully and choose the courses that will prepare your child appropriately for post-secondary plans. Students will meet with and receive guidance from our counselors throughout the year in meeting specific graduation requirements. Beyond that, students should choose the courses that best fit their needs in relation to future goals. It may not seem like it now, but these decisions will be some of the most important decisions students will make in regard to their future.

Sincerely,

Dr. Diana Allen, Principal
Festus High School

College and Career Planning Guide

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General Information

Advanced Placement (AP): Students who successfully complete an AP course may elect to take the national Advanced Placement test offered by the Educational Testing Service. Students who achieve a high composite score on the AP test will be eligible for college credit at some colleges and universities. For more information, please refer to page 8.

Athletic/Activities Eligibility: A student who intends to participate in ANY sports and/or ANY interscholastic contests such as marching band and football must meet the following requirements: The student must be currently enrolled in courses that offer at least 3.0 units of credit per semester. The student must have earned at least 3.0 units of credit the previous semester. For more information please refer to the Student Activity Handbook that can be found on the school website under the “STUDENTS” tab.

Dual Credit: Dual credit is provided by post-secondary institutions and offered to high school students. It is designed to deliver high quality college experiences to students. Dual credit courses enrich and extend the high school curriculum, provide introductory college coursework and avoid unnecessary duplication in coursework as students move from high school to college. Festus High School partners with Jefferson College and University of Missouri – St. Louis for dual credit.

Dual Enrollment: Dual enrollment occurs when a high school student takes a college course not offered as a dual credit class. Each postsecondary institution has procedures for dual enrollment students. All dual enrollment students must get permission from a counselor to participate in dual enrollment.

Elective: A course which a student chooses to take but is not specifically required for graduation. Elective credit is also earned by earning more credits than what is required in any other subject area.

Grade Level Classification: At the beginning of each school year, students are assigned grade level based on the number of credits they have earned. Freshman: 0-5.5 credits Sophomore: 6.0 – 10.5 credits Junior: 11.0 – 16.5 credits Senior: 17 – 24 credits A student transferring to Festus High School will be entered into the appropriate grade upon receipt of transcripts from previous schools. Changes in grade level classification shall be made only at the beginning and conclusion of each school year. No grade level changes will be made at the conclusion of first semester.

Grade Point Average (GPA): The student's grade point average will be figured on the basis of **semester** grades in all subjects. Letter grades will be given in the following values and then averaged to determine GPA: A = 4 points; B = 3 points; C = 2 points; D = 1 point; F = 0 points. Weighted courses' letter grades will be given in the following values and then averaged to determine GPA: A = 5 points; B = 4 points; C = 3 points; D = 2 points; F = 0 points. For more specific information on grading, please refer to the Student Handbook.

Prerequisite: A course that must be successfully completed before another related course may be taken.

Required Course: A course which is required by either the State Department of Education or Festus High School for graduation.

Transcript: A transcript is an official record of a student's semester grades and standardized test scores. The school must have verbal or written permission of the student or his/her parents to send copies of transcripts.

Unit of Credit: One unit of credit is earned for successfully completing two semesters of work. Courses that meet for one semester earn one-half (0.5) unit of credit.

GRADUATION REQUIREMENTS

ACADEMIC DIPLOMA

<u>SUBJECTS</u>	<u>CREDITS REQUIRED</u>
ELA	4
Social Studies**	3
Mathematics	3
Science	3
Fine Arts	1
Practical Arts	0.5
Personal Finance	0.5
Physical Education	1.5
Health	0.5
Electives*****	7
TOTAL	24

**US Government, World History, and American History or AP US History all must be passed. All students must pass the Missouri and U.S. constitution tests at the high school level.

HONORS DIPLOMA

<u>SUBJECTS</u>	<u>CREDITS REQUIRED</u>
ELA*	4
Social Studies**	3
Mathematics***	4
Science****	4
Foreign Language*****	2
Fine Arts	1
Practical Arts	0.5
Personal Finance	0.5
Physical Education	1.5
Health	0.5
Electives*****	6
TOTAL	27

*American Literature/Honors ELA III *required* during the Junior year and AP English Literature and Composition *required* during the Senior year.

**US Government, World History, and AP US History all must be passed. All students must pass the Missouri and U.S. constitution tests at the high school level.

***Algebra I, Geometry, and Algebra II are required. The fourth unit must be College Algebra, AP Statistics or Precalculus.

****Physical Science and Biology are required. The third and fourth units must be from the following: Chemistry, Pre AP Chemistry, AP Chemistry, AP Physics I, AP Physics 2, Zoology, Anatomy & Physiology, and Advanced Biology.

*****Two years required of the *same* language.

*****Elective credits can be earned through Elective Courses or by earning more credits than what is required in any other subject area.

A+ Schools Program

BENEFITS OF THE A+ SCHOOLS PROGRAM

Festus High School is a designated A+ High School in the state of Missouri. A+ participants who meet all of the requirements listed below may receive paid tuition to a public community college or an approved public vocational/technical school in the state of Missouri (funding determined by the state legislature). Eligibility for the A+ Program expires once one of the following factors has been met: 48 months after high school graduation, receipt of an associate's degree, or the completion of 105% of the required hours for the student's program of study.

REQUIREMENTS OF THE A+ SCHOOLS PROGRAM

To be certified as an A+ Student, an individual must do the following:

- Sign an A+ Schools Agreement.
- Must be a US citizen or permanent resident.
- Attend a designated A+ High School for three consecutive years immediately prior to graduation.
- Graduate with an unweighted grade point average of 2.5 or higher on a 4.0 scale (accumulative over 4 years).
- Maintain a 95% attendance record (accumulative all four years).
- Perform 50 hours of unpaid school sponsored and supervised tutoring or mentoring.
- Maintain a record of good citizenship and avoidance of the unlawful use of drugs and alcohol.
- Make a good faith effort to secure all available federal post-secondary student financial assistance funds that do not require repayment (Must complete a FAFSA form).
- Students must score Advanced or Proficient on the Algebra I End-of-Course Exam (or a higher level DESE approved end-of-course exam in the field of mathematics) or earn an eligible score on ACT Math.
- After graduation, maintain eligibility by enrolling full-time at an approved institution and earning at least a cumulative 2.5 GPA.

All financial benefits are dependent upon money allocated each year by the state legislature.

For more information, contact Steven Shemwell, A+ Coordinator,
at 937-5944 (shemwellsteven@festusedu.com)

Opportunities To Earn College Credit

College Dual Credit Courses

Dual Credit Courses enable high school students to receive both high school and college-level credit simultaneously. These policy guidelines and eligibility requirements have been approved by the Missouri Coordinating Board for Higher Education. The eligibility requirements are:

1. Juniors and Seniors must have a minimum 3.0 cumulative GPA.
2. Juniors and Seniors with a minimum 2.5 cumulative GPA are eligible with permission from their counselor/principal and their parent/guardian.
3. Sophomores with a minimum 3.0 cumulative GPA are eligible with permission from their counselor/principal and their parent/guardian.

Advanced Placement (AP) Program

AP courses are college-level courses taken as a part of the high school programs in the Festus School District. AP courses offer students the opportunity to take courses with more challenging college-level content. FHS offers AP courses in English, Math, Social Studies and Science. Students who complete AP courses are prepared to take the AP exams, administered each May by the College Board. These exams are scored on a scale of 1 to 5. Students scoring between a 3 and a 5 may qualify for college credit at a college/university. For more information on taking an AP course or taking an AP exam, please contact a school counselor or an AP course teacher.

Online College Credit

Online college credit options *may* be available through local colleges/universities. Students will be notified of any college credit opportunities that become available on our campus.

Articulated Courses

FHS offers 2 articulated courses through Jefferson College. They are Computer Applications II and Accounting. A student earns FREE college credit by successfully completing of an articulated course with a grade of B or higher. The student must then enroll in an Associate of Applied Science program or a Career and Technical Education Certificate program at Jefferson College within 24 months of HS graduation in order to be awarded the college credit.

Weighted Courses

Weighted courses are considered honors courses. Each weighted course counts for one extra grade point when compiling overall GPA. The following courses are considered weighted courses: American Literature/Honors ELA III, AP English Literature & Composition, Spanish III, Spanish IV, French III, French IV, College Algebra, Precalculus, AP Statistics, AP Calculus AB, AP US History, AP US Government and Politics, AP Psychology, Advanced Biology, Pre AP Chemistry, AP Chemistry, AP Physics I, AP Physics 2.

NCAA and NAIA Eligibility

NCAA

Students planning to be a student athlete at the Division I or II level must register with the NCAA Eligibility Center. Register online at www.eligibilitycenter.org

DIVISION I ACADEMIC ELIGIBILITY

To be eligible to compete in NCAA sports during your first year at a Division I school, students must successfully graduate high school and meet ALL the following requirements:

- Complete 16 core courses:
 - Four years of English
 - Three years of math (Algebra 1 or higher)
 - Two years of natural/physical science (one with a lab)
 - One additional year of English, math or natural/physical science
 - Two years of social science
 - Four additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
 - Complete 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.
- Earn at least a 2.3 GPA in your core courses.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.

If a student has not met all the Division I academic requirements, he/she may not compete in the first year at college. However, if he/she qualifies as an academic redshirt, he/she may practice during the first term in college and receive an athletics scholarship for the entire year.

For more information, visit <http://www.ncaa.org/about/student-athlete-eligibility>, Mr. Eric Allen (Activities/Athletic Director), or contact your sport's coach.

NAIA

Students planning to be a student athlete at a NAIA school have different eligibility requirements. A college freshman **MUST** be a graduate of an accredited high school **AND** be accepted to the college/university as a regular student in good standing. That student must also meet **two** of **three** requirements.

- Have a minimum ACT score of 18 or a minimum SAT score of 860 (Critical Reading and Math Sections only)
- Have a minimum overall high school GPA of 2.000 on 4.000 scale
- Be in the top 50% of high school graduating class

For more information, visit <http://www.naia.org/>, Mr. Eric Allen (Activities/Athletic Director), or contact your sport's coach.

Jefferson College Area Technical School

During junior and senior year, Festus High School students are allowed to participate in Jefferson College's Area Technical School (ATS) programs. All school districts in Jefferson County as well as the Kingston School District in Washington County are invited to participate. The ATS programs help prepare students for a great career while still in high school. Students who are accepted into an ATS program will typically attend classes at Jefferson College during 2nd-4th hours of the FHS schedule, but there are rare occasions some classes are in the afternoon. Transportation is provided by the district for the morning session only.

Acceptance in to the program is competitive. All applications received from all schools are scored and admittance is based on the top scores. All tuition is paid for by the school district and free to the student. There may be additional costs to the student once accepted into a program.

College credit can be earned through many of these programs. Programs can be one-year or two-year. Students are not required to take both years if it is a two-year program.

ATS PROGRAMS

Automotive Technology
Biomedical Sciences
Building Repair Technology*
Business Management
Computer Integrated Manufacturing
Culinary Arts*
Digital Media Technology
Early Childhood and Elementary Education
Electronics Technology
Fire Science
Health Services*
HVAC
Metal Fabrication*
Residential Carpentry*
Welding Technology

*Applied Communications and Applied Math will be part of this program's schedule.

Informational presentations are offered early second semester for students to learn more information about each program and ask questions. Brochures and applications are available in the Counseling Office.

For more information on the Area Technical School, visit www.jeffco.edu/ats or contact Amanda McCarty, *ATS Recruiter and Placement Coordinator*, at amccarty@jeffco.edu or (636)481-3498.

Career Paths and Career Clusters

Students at Festus High School are encouraged to choose courses based on their identified career cluster. Career clusters can be identified by taking a Career Cluster Inventory through Missouri Connections or by self-identification.

Missouri has identified six Career Paths as a way to help students become aware of and explore careers in a logical and meaningful way. Those six Career Paths are Arts & Communications; Business, Management, & Technology; Health Services; Human Services; Industrial & Engineering Technology; and Natural Resources Agriculture.

Missouri uses 16 Career Clusters as a way of organizing occupations and careers to assist educators in tailoring rigorous coursework and related activities for all students. The Career Clusters include all occupations, even those not usually found in career and technical education.

On the next page, a picture representation of the Career Paths and the Career Clusters that fall in to each path is provided. Following that are suggested sample personal plans of study for each career cluster. Festus High School courses are used in the suggested sample personal plans of study. All career clusters will include shaded areas/courses which depict minimum graduation requirements. Please keep in mind that there may be several courses within the core areas that are suggested; however, which course would be best for the student would depend on their intended college and/or intended college major.

FIND YOUR FUTURE IN Career Paths & Career Clusters

WWW.MISSOURICONNECTIONS.ORG



Sample Personal Plans of Study (Career Clusters)



Festus High School
Agriculture, Food & Natural Resources
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra Precalculus AP Statistics	General Chem Ecology	US Government	Personal Financial Mgmt Intro Engineering Design Food Preparation Nutrition Now	<input type="checkbox"/> <u>Welding Technology I</u> <input checked="" type="checkbox"/> <u>Metal Fabrication I (M&C I)</u> <input checked="" type="checkbox"/> <u>Culinary Arts I (M&C I)</u>	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics Precalculus AP Calculus AB	Earth Science Advanced Biology	AP US History	Power Technology Electricity/Electronics	<input type="checkbox"/> <u>+Welding Technology II</u> <input checked="" type="checkbox"/> <u>Metal Fabrication I (M&C I)</u> <input checked="" type="checkbox"/> <u>+Metal Fabrication II (C II)</u> <input checked="" type="checkbox"/> <u>Culinary Arts I (M&C I)</u> <input checked="" type="checkbox"/> <u>+Culinary Arts II (C II)</u>	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Community College www.otc.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Columbia Area Career Center www.career-center.org Davis Hart Career Center www.mexicoschools.net Eldon Career Center www.eldoncareercenter.org Hannibal Career and Technical Center www.hannibal.tec.mo.us Kirksville Area Tech Center www.kirksville.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Ranken Tech College www.ranken.edu Waynesville Technical Academy www.waynesville.k12.mo.us	A.T. Skill University of Health Sciences www.atsu.edu Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Lincoln University - www.lincolnu.edu Lindenwood University www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu MO Univ of Science & Technology www.mst.edu Missouri Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO - www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.umsu.edu Washington University - www.wustl.edu Webster University www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training Petropolis Academy of Grooming & Training - www.petropolisacademy.com Midwest Institute www.midwestinstitute.com
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Animal Caretakers Animal Trainers Bakers Commercial Fishers Farm and Ranch Workers Farm Equipment Mechanics Farmers Food Processing Workers Log Graders and Scalars Loggers Meat Cutters Mining Machine Operators Nursery Workers Rock Splitters Trash Collectors Veterinary Assistants Water Treatment Plant Operators		Fish and Game Wardens Forestry Technicians Precision Agriculture Technicians	Agricultural Engineers Agricultural Scientists Animal Scientists Conservation Scientists Farm and Home Management Advisors Food Scientists Foresters Park Naturalists Zoologists	Agricultural Sciences Teachers, Postsecondary Animal Scientists Farm and Home Management Advisors Veterinarians Zoologists and Wildlife Biologists	



Festus High School
Architecture & Construction
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I Computer Applications I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Introduction to Art Foreign Language II Computer Applications II		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or Precalculus	Ecology General Chem AP Physics I	US Government	Personal Financial Mgmt Drawing 3-D Design Industrial Technology Intro Engineering Design	♦Residential Carpentry I (M&C I) <u>Building Repair Technology I (M&C I)</u> <input type="checkbox"/> Welding Technology I ♦Metal Fabrication I (M&C I) <input type="checkbox"/> Electronics Technology	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	AP Calculus AB	AP Physics I AP Physics II	AP US History	Drafting Architectural Drawing Web Design Pottery	♦Residential Carpentry I (M&C I) <u>Building Repair Technology I (M&C I)</u> <u>+Building Repair Technology II(C II)</u> <input type="checkbox"/> HVAC <input type="checkbox"/> Welding Technology I <input type="checkbox"/> +Welding Technology II ♦Metal Fabrication I(M&C I) ♦+Metal Fabrication II (C II) <input type="checkbox"/> Electronics Technology	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu	Arcadia Valley Tech www.mineralarea.edu	Avila University - www.avila.edu	MO University of Science & Technology www.mst.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training
	East Central College www.eastcentral.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm	Baptist Bible College www.baptist.edu		
	Jefferson College www.jeffco.edu	Clinton Tech School www.clinton.k12.mo.us	Bryan College - www.bryancollege.com	Missouri Western State University www.missouriwestern.edu	
	Linn State Technical College www.linnstate.edu	Columbia Area Career Ctr - www.career-center.org	Central Methodist University www.centralmethodist.edu	Park University - www.park.edu	Foley-Belsaw Institute www.foley-belsaw.com
	Metropolitan Community College www.mcckc.edu	Davis Hart Career www.mexicoschools.net	College of the Ozarks - www.coto.edu	Rockhurst University www.rockhurst.edu	Colorado Technical University www.coloradotech.com
	Mineral Area College www.mineralarea.edu	Eldon Career Ctr - www.eldoncareercenter.org	Columbia College - www.ccis.edu	Saint Louis University www.imagine.stu.edu	DeVry University www.drury.edu
	Moberly Area Comm College www.macc.edu	Franklin Tech- MSSU www.ftcjoplin.com	Culver-Stockton College www.culver.edu	Sanford-Brown College www.sanford-browncollege.com	Grantham University www.grantham.edu
	North Central Missouri College www.ncmissouri.edu	Grand River Tech School - www.grts.org	Drury University - www.drury.edu	Southeast MO State University www.semo.edu	ITT Technical Institute www.itt-tech.edu
	Ozarks Technical Comm College www.otc.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	Evangel University - www.evangel.edu	Southwest Baptist Univ - www.sbu.edu	MERS/Missouri Goodwill Industries www.mersgoodwill.org
	St Louis Community College www.stlcc.edu	Lebanon Technology and Career Ctr www.lebanon.k12.mo.us	Everest College www.everest-college.edu	Univ of Central MO - www.ucmo.edu	Missouri Welding Institute www.nwi.ws
	St. Charles Community College www.stchas.edu	Lex La-Ray Tech Ctr www.lexington.k12.mo.us	Fontbonne Univ - www.fontbonne.edu	Univ of MO – www.missouri.edu	National American University www.national.edu
	State Fair Community College www.sfccmo.edu	Kirkville Area Tech www.kirkville.k12.mo.us	Hannibal-Lagrange College - www.hlg.edu	Univ of MO – Kansas City www.umkc.edu	
	Three Rivers Community College www.trcc.edu	Moberly Area Tech www.moberly.k12.mo.us	Harris-Stowe State Univ - www.hssu.edu	Univ of MO – St Louis - www.umsi.edu	
		Nichols Career Center - www.jcps.k12.mo.us	Lincoln University - www.lincolnu.edu	University of Phoenix - www.phoenix.edu	
		Northland Career Ctr - www.northlandcareercenter.com	Lindenwood Univ - www.lindenwood.edu	Vatterott College www.vatterott-college.edu	
		Northwest Tech - www.maryville.k12.mo.us	Maryville Univ of St. Louis www.maryville.edu	Washington University www.wustl.edu	
		Perryville Area Career/Tech Center www.perryville.k12.mo.us	Messenger College www.messengercollege.edu	Webster University www.websteruniv.edu	
		Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us	Missouri Baptist Univ - www.mobap.edu	Westminster College www.westminster-mo.edu	
		Ranken Tech College - www.ranken.edu	Missouri College www.missouricollege.com	William Jewell College www.jewell.edu	
		Rolla Tech Institute - www.rolla.k12.mo.us	Missouri Southern State University www.mssu.edu	William Woods University www.williamwoods.edu	
		South Central Career Ctr - www.wphs.k12.mo.us	Missouri State University www.missouristate.edu		
		Unitec Career Center - www.mineralarea.edu	Missouri State University – West Plains www.wp.missouristate.edu		
		Waynesville Technical Academy www.waynesville.k12.mo.us			
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Bricklayers, Stonemasons and Cement Masons Cabinetmakers and Carpenters Drywall Finishers & Installers and Plasterers Electricians HVAC System Mechanics Operators Line Installers and Repairers, Plumbers, Pipefitters, Roofers, Sheet Metal & Structural Metal Workers Surveying and Mapping Technicians		Commercial Drivers Drafters Energy Auditors Interior Designers	Architects Construction Managers Cost Estimators Landscape Architects Surveyors	Architects, Excepts Landscape and Naval Architecture Teachers, Postsecondary Engineering Managers Engineering Teachers, Postsecondary Historians Operations Research Analysts Political Scientists Sociologists Sociology Teachers, Postsecondary	



Festus High School
Arts, A/V Technology & Communications
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	<u>Area Technical School of Jefferson College</u>	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts (Intro to Art) Foreign Language I Men's Choir Women's Choir		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Apps I Intro To Theater Public Speaking		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	Ecology General Chem	US Government	<u>Personal Financial Mgmt</u> Beginning Guitar Drawing Marching Band Yearbook Journalism Adv Speech & Theater Mixed Choir	<input type="checkbox"/> <u>Digital Media Technology I</u>	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Concert Choir Concert Band Jazz Band Symphonic Band Web Design Graphic Art/Desktop Pub	<input type="checkbox"/> <u>Digital Media Technology I</u> <input type="checkbox"/> <u>+Digital Media Technology II</u>	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary	Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org				
	Community College	Technical School/Training Institution	In State	Out of State/Other	
	<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Linn State Technical College www.linnstate.edu</p> <p>Metropolitan Comm College www.mcckc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Comm College www.macc.edu</p> <p>Ozarks Tech Comm College www.otc.edu</p> <p>St. Charles Comm College www.stchas.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Comm College www.trcc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Davis Hart Mexico Technical School www.mexicoschools.org</p> <p>Eldon Career Center www.eldoncareercenter.org</p> <p>Four Rivers Technical Center www.washington.k12.mo.us</p> <p>Franklin Tech - MSSU www.ftcjoplin.com</p> <p>Gibson Tech Ctr - www.wolves.k12.mo.us/gtc</p> <p>Hannibal Career and Technical Center www.hannibal.tec.mo.us</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Jefferson College ATS www.jeffco.edu</p> <p>Hillyard Tech Center - www.hillyardtech.com</p> <p>Kirksville Area Technical Center www.kirksville.k12.mo.us</p> <p>Lake Career and Technical Center www.camdentonschools.org</p> <p>Lex La-Ray Tech Ctr - www.lexington.k12.mo.us</p> <p>Moberly Area Tech Ctr - www.moberly.k12.mo.us</p> <p>Nichols Career Center - www.jcps.k12.mo.us</p> <p>Perryville Area Career/Technical Center www.mineralarea.edu</p> <p>Ranken Tech College - www.ranken.edu</p> <p>Rolla Tech Institute - www.rolla.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>Avila University - www.avila.edu</p> <p>Bryan College - www.bryancollege.com</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccis.edu</p> <p>Culver-Stockton College – www.culver.edu</p> <p>DeVry University – www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College - www.hlg.edu</p> <p>Harris-Stowe State Univ -www.hssu.edu</p> <p>Hickey College www.hickeycollege.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ of St. Louis www.maryville.edu</p> <p>Messenger College www.messengercollege.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State Univ - www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p>	<p>Missouri S&T – www.mst.edu</p> <p>Missouri State Univ – West Plains www.wp.missouristate.edu</p> <p>Missouri Valley College – www.moval.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Ozark Christian College – www.occ.edu</p> <p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst Univ - www.rockhurst.edu</p> <p>Saint Louis Univ - www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State Univ www.semo.edu</p> <p>Southwest Baptist Univ - www.sbuniv.edu</p> <p>Stephens College -www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>Univ of MO –www.missouri.edu</p> <p>Univ of MO – KC - www.umkc.edu</p> <p>Univ of MO – Rolla – www.umsr.edu</p> <p>Univ of MO – St Louis - www.umsl.edu</p> <p>Vatterott Coll - www.vatterott-college.edu</p> <p>Washington Univ - www.wustl.edu</p> <p>Webster Univ - www.websteruniv.edu</p> <p>William Jewell College- www.jewell.edu</p> <p>William Woods Univ www.williamwoods.edu</p>	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>American College of Technology www.acot.edu</p> <p>Baptist Bible College - www.baptist.edu</p> <p>Barbizon School of Clayton www.barbizonmodeling.com</p> <p>Broadcast Center www.broadcastcenterinfo.com</p> <p>Calvary Bible College and Theological Seminary - www.calvary.edu</p> <p>Central Bible College - www.cbccag.edu</p> <p>Colorado Technical University www.coloradotech.com</p> <p>Court Report Academy www.thecourtreportingacademy.com</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Kansas City Art Inst - www.kcai.edu</p> <p>Midwestern Baptists Theological Seminary - www.mbtbs.edu</p> <p>Missouri Tech – www.motech.edu</p> <p>National American University www.national.edu</p>
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
	On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
	Actors Camera/Photographic Equipment Repairers Communications Equipment Mechanics Costume and Wardrobe Specialists Dancers, Fine Artists, Floral Designers Movie Projectionists Musical Instrument Repairers and Tuners Musicians and Singers Painting, Coating, and Decorating Workers Photographers, Potters, Proofreaders	Audio/Video Equipment Technicians Broadcast Techs, Sound Engineering Techs Camera Operators, Film/Video Editors, Choreographers, Directors Fashion Designers and Interior Designers Fine Artists Poets, Lyricists and Creative Writers Producers Radio Mechanics & Operators	Agents and Business Managers Animators, Art Directors Broadcast News Analysts and Reports Directors Editors Graphic, Industrial, Set & Exhibit Designers Interpreters and Translators Music Composers, Directors, and Arrangers Reporters and Correspondents Vocational Education Teachers, Postsecondary	Art, Drama, and Music Teachers, Postsecondary Communications Teachers, Postsecondary English Language & Lit Teachers, Postsecondary Historians Librarians	



Festus High School
Business Management & Administration
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	Personal Financial Mgmt Business Management Law and Justice	<input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Web Design Accounting Marketing	<input type="checkbox"/> Business Management I <input type="checkbox"/> +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Tech School www.clinton.k12.mo.us Eldon Career Center - www.eldoncareercenter.org Franklin Technology- MSSU www.ftcjoplin.com Grand River Technical School www.grts.org Hillyard Technical Center www.hillyardtech.com Jefferson College ATS www.jeffco.edu Kirksville Area Tech Center www.kirksville.k12.mo.us Lex La-Ray Tech Center www.lexington.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Northwest Tech School - www.maryville.k12.mo.us Pike-Lincoln Tech Center www.pltc.k12.mo.us Ranken Tech College - www.ranken.edu Saline County Career Center www.marshallschools.com/sccc Sikeston Career and Technology Center www.sikeston.k12.mo.us	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu DeVry University – www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College - www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Hickey College - www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ www.lindenwood.edu Maryville Univ of STL www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri S&T www.mst.edu MO Southern State Univ - www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Patricia Stevens College www.patriciastevenscollege.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – St Louis- www.umsu.edu Univ of Phoenix – www.phoenix.edu Vatterott College www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods Univ www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Colorado Technical University www.coloradotech.com Daruby School www.darubyschool.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu Metro Business College www.metrobusinesscollege.edu MVC Computer & Business School www.mvcschool.com National American University www.national.edu TechSkills www.techskills.com Texas County Technical Institute www.texascountytech.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Clerks: Billing, Bookkeeping, Accounting, General Office, Interviewing, Mail, Order, Stock, Payroll & Timekeeping, Shipping & Receiving Operators: Computer, Copy Machine Couriers and Messengers Data Entry Human Resources Assistants Receptionists Secretaries Typists		Court Reporters First-Line Supervisors/Managers General and Operations Managers Production and Operating Workers	Analysts: Management, Market Research Business Executives Managers: Administrative Services, Advertising, Computer & Information Systems, Human Resources, Property & Real Estate, Public Relations, Purchasing, Sales, Social & Community, Storage & Distribution Specialists: Employee Training, Job Benefits & Analysis, Public Relations, Regulatory Affairs	Business Teacher, Postsecondary Chief Executives Controllers, Treasurers Economists Medical and Health Services Managers Operations Research Analysts Statisticians	



Festus High School
Education & Training
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I Computer Applications I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Public Speaking		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	Personal Financial Mgmt Foreign Language III Students as Tutors/Mentor Child Development Parenting General Psychology	<input type="checkbox"/> Early Childhood and Elementary Education I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics	Human Anatomy & Physiology	AP US History	Foreign Language IV AP Psychology Introduction to Sociology Cadet Teaching Library as Practice	<input type="checkbox"/> Early Childhood and Elementary Education I <input type="checkbox"/> +Early Childhood and Elementary Education II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____

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 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Tech Community College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Jefferson College Area Technical School www.jeffco.edu	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Cotter College - www.cotter.edu Culver-Stockon College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Missouri Baptist Univ - www.mobap.edu Maryville University of St. Louis www.maryville.edu Messenger College www.messengercollege.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu Missouri Valley College – www.moval.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu St Louis Christian College www.slcconline.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu University of MO – St Louis www.umsu.edu Washington Univ - www.wustl.edu Westminster College www.westminster-mo.edu Webster University www.websteruniv.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training Baptist Bible College & Graduate School www.baptist.edu Calvary Bible College and Theological Seminary - www.calvary.edu Colorado Technical University www.coloradotech.com Conception Seminary College www.conceptionabbey.org Grantham University www.grantham.edu National American University www.national.edu Paris II Educational Center www.parisii.net Wentworth Military Academy www.wma1880.org
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Coaches and Scouts Library Assistant Teacher Aides		Adult and Vocational Education Instructors Fitness Trainers and Aerobics Instructors Library Technical Assistants Preschool Teachers Teacher Assistants	Adult and Vocational Education Instructors Teachers: Adult Literacy, Remedial Education, GED, Elementary School, High School, Kindergarten, Middle School, Special Education Audio-Visual Specialists Employee Training Specialists Poets, Lyricists, and Creative Writer Public Health Educators	Audiologists College and University Administrators Curriculum and Instruction Dieticians and Nutritionists Education Administrators Historians and Librarians Instructional Coordinators School Psychologists Speech Pathologists	



Festus High School
Finance
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	<u>Area Technical School of Jefferson College</u>	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or Precalculus AP Statistics	General Chem	US Government	<u>Personal Financial Mgmt</u> Foreign Language III Computer Applications II Accounting	<input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	AP Statistics AP Calculus AB		AP US History	Foreign Language IV Business Management Marketing	<input type="checkbox"/> Business Management I <input type="checkbox"/> +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Community College www.mcckc.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm College www.otc.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>		<p>Avila University - www.avila.edu</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>Columbia College - www.ccis.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Culver-Stockon College www.culver.edu</p> <p>DeVry University – www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Hickey College - www.hickeycollege.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univeristy of St. Louis www.maryville.edu</p> <p>Missouri College www.missouricollege.com</p> <p>Missouri S&T www.mst.edu</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri Valley College www.moval.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p>	<p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Rockhurst University www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>Univ of MO – www.missouri.edu</p> <p>Univ of MO – KCwww.umkc.edu</p> <p>Univ of MO – STL www.umsu.edu</p> <p>Washington University - www.wustl.edu</p> <p>Webster University - www.websteruniv.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p> <p>William Woods University www.williamwoods.edu</p> <p>Vatterott College www.vatterott-college.edu</p>	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>National American University www.national.edu</p>
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Bank Tellers Bill and Account Collectors Brokerage Clerks Credit Checkers and Authorizers Insurance Adjusters and Examiners Insurance Claims Clerk Insurance Policy and Claims Clerks Loan Clerks Tax Preparers Title Examiners and Searchers		Claims Examiners, Property & Casualty Insurance Insurance Appraisers, Auto Damage Insurance Sales Agents Insurance Underwriters	Accountants and Auditors Appraisers and Assessors Budget Analysts Credit Analysts Financial Analysts Financial Examiners Financial Managers Insurance Agents Insurance Underwriters Loan Officers Securities Salespeople	Actuaries Business Teachers, Postsecondary Economists Treasurers and Controllers	



Festus High School
Government & Public Administration
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I Computer Applications I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Public Speaking		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	Personal Financial Mgmt Law and Justice Paralegal Studies General Psychology	<input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Multimedia Web Design Contemporary Issues World Religions Intro to Sociology AP US Gov & Politics	<input type="checkbox"/> Business Management I <input type="checkbox"/> +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Moberly Area Community College www.macc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Clinton Technical School www.ed2go.com/cts Franklin Technology – MSSU www.ftcioplin.com Grand River Technical School www.grts.org Hillyard Technical Center www.hillyardtech.com Lex La-Ray Technical Center www.lexington.k12.mo.us Moberly Area Technical Center www.moberly.k12.mo.us Pike-Lincoln Technical Center http://pltc.k12.mo.us Saline County Career Center www.marshallschools.com/sccc Sikeston Career & Technology Center www.sikestone.k12.mo.us	Avila University www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks www.cofo.edu Columbia College www.ccis.edu Culver-Stockon College www.culver.edu Drury University www.drury.edu Evangel University www.evangel.edu Everest College www.everest-college.edu Fontbonne University www.fontbonne.edu Harris-Stowe State University www.hssu.edu Lincoln University www.lincolnu.edu Lindenwood University www.lindenwood.edu Maryville University of Saint Louis www.maryville.edu Missouri Baptist University www.mobap.edu Missouri Southern State University www.mssu.edu Missouri State University www.missouristate.edu	Missouri Valley College www.moval.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.slu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Stephens College www.stephens.edu Truman State University www.truman.edu University of Central Missouri www.ucmo.edu University of MO – Columbia www.missouri.edu University of Missouri – Kansas City www.umkc.edu University of MO – St Louis www.umsu.edu Washington University www.wustl.edu Webster University www.webster.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training ITT Technical Institute www.itt-tech.edu Kansas City Art Institute www.kcai.edu National American University www.national.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Compliance Officers and Inspectors Government Benefits Interviewers Interpreters and Translators License Clerks Mail Carriers Meter Readers Postal Clerks		Assessors Eligibility Interviewers, Government Programs General, Operations and Transportation Managers Government Property Inspectors and Investigators Licensing Examiners and Inspectors Mapping Technicians Municipal and Court Clerks Postmasters and Mail Superintendents Surveying Technicians Tax Examiners, Collectors, and Revenue Agents Tax Preparers	Administrative Services Managers Broadcast News Analysts & Public Relations Specialists City and Regional Planning Aides Emergency Management Specialists Equal Opportunity Representatives and Officers Financial Examiners Legislators Reporters and Correspondents Social and Community Service Managers Storage and Distribution Managers Urban and Regional Planners	Architecture Teachers, Postsecondary Chief Executives Communications Teachers, Postsecondary Coroners Economists Engineering Managers Political Science Teachers, Postsecondary Political Scientists	



Festus High School
Health Sciences
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics Precalculus	General Chem Ecology	US Government	Personal Financial Mgmt Foreign Language III Fitness & Conditioning Nutrition Now Child Development	Health Services Assistant (must be 16) (M&CI)	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics AP Calculus AB	Advanced Biology Human Anatomy & Physiology AP Physics I	AP US History	Foreign Language IV Team Sports Aerobic/Walking Fitness General Psychology	Health Services Assistant (must be 16) (M&CI) <input type="checkbox"/> Fire Science	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Comm College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Comm College www.macc.edu North Central MO College www.ncmissouri.edu Ozarks Tech Comm College www.otc.edu St. Charles Comm College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Comm College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Cass Career Center www.harrisonville.k12.mo.us Columbia Career Center www.career-center.org Four Rivers Technical Center www.washington.k12.mo.us Franklin Tech - MSSU www.ftcjoplin.com Grand River Tech School - www.grts.org Herndon Career Center www.herndoncareercenter.com Hillyard Technical Center www.hillyardtech.com Jefferson College ATS www.jeffco.edu Kennett Career and Technology Center www.kennett.k12.mo.us Lex La-Ray Tech Ctr - www.lexington.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Northland Career Center www.northlandcareercenter.com Northwest Tech School - www.maryville.k12.mo.us Poplar Bluff Schools - www.r1schools.org Sikeston Career and Technology Center www.sikeston.k12.mo.us South Central Career Center www.wphs.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	AT Skill University of Health Sciences www.atsu.edu Avila University - www.avila.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Missouri College www.missouricollege.com Missouri Baptist Univ - www.mobap.edu MO Southern State Univ - www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	Missouri Valley College – www.moval.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Patricia Stevens College www.patriciastevenscollege.edu Rockhurst University - www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbniv.edu Stephens College www.stephens.edu Truman State Univ www.truman.edu Univ of Central MO www.ucmo.edu Univ of MO - www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL www.umsu.edu Univ of Phoenix – www.phoenix.edu Vatterott College www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ - www.websteruniv.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	Allied College - www.hightechinstitute.edu Barnes-Jewish College of Nursing & Allied Health - www.barnesjewishcollege.edu Cleveland Chiropractic College www.cleveland.edu Colorado Tech Univ www.coloradotech.com Cox Health - www.coxhealth.com Chamberlain College of Nursing www.chamberlain.edu Heritage Col- www.heritage-college.com Cox College of Nursing & Health Science www.coxcollege.edu Logan Coll of Chiropractic - www.logan.edu Lutheran School of Nursing www.nursingschoolllmc.com Kansas City Univ of Med & Biosciences - www.kcumb.edu Research Med Ctr School of Nuclear www.researchmedicalcenter.com St John's Reg Health Ctr - www.stjohns.com Saint Luke's Col- www.saint-lukes.org St Louis College of Health Careers www.slchc.com St Louis Coll Pharmacy - www.stlcoop.edu Southeast MO Hospital Col of Nursing www.souteastmissourihospital.com Truman Med Ctr School - Nurse Anesthesia www.trumed.org
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More		
Dental Assistants Dental Laboratory Technicians Home Health Aides Medical Appliance Technicians Medical Assistants Medical Equipment Preparers Medical Secretaries Personal and Home Care Aides Pharmacy Aides Pharmacy Technicians Physical Therapist Aides Psychiatric Aides	Dental Hygienists Licensed Practical Nurses Medical Sonographers Medical Transcriptionists Nursing Assistants Registered Nurses Technicians: Emergency Medical, Health Information, Medical Laboratory, Veterinary Technologists: Cardiovascular, Radiologic, Surgical, Veterinary Therapists: Occupational Assistant, Physical Assistant, Radiation, Respiratory	Administrative Services Managers Athletic Trainers, Recreational Therapists Biomedical Engineers Computer Programmers Computer Software Engineers, Applications Dietitians, Health Educators Medical and Clinical Laboratory Technologists Medical Laboratory Technologists Occupational Health and Safety Specialists Orthotic and Prosthetic Specialists Public Relations Specialists Rehabilitation Counselors	Athletic Trainers, Physical and Occupational Therapists Biologists, Physicists, Hydrologists, Epidemiologists Clinical Psychologists and Mental Health Counselors Dietitians and Nutritionists Medical and Health Services Managers Medical Scientists, Except Epidemiologists Natural Sciences Mgrs, Zoologists and Wildlife Biologists Nurse Anesthetists and Physician Assistants Orthotics and Prosthetics Pharmacists Speech-Language Pathologists Veterinarians		



Festus High School
Hospitality & Tourism
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	<u>Area Technical School of Jefferson College</u>	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	Personal Financial Mgmt Foreign Language III Business Management Law and Justice Nutrition Now Food Preparation Paralegal Studies	◆Culinary Arts I (M&C I) <input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Foreign Language IV Multimedia Web Design Accounting Contemporary Issues World Religions	◆Culinary Arts I (M&C I) ◆+Culinary Arts II (C II) <input type="checkbox"/> Business Management I <input type="checkbox"/> +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm	Avila University - www.avila.edu	Rockhurst University - www.rockhurst.edu	• Apprenticeship
	East Central College www.eastcentral.edu	Gibson Technical Center www.wolves.k12.mo.us/gtc	Central Methodist University www.centralmethodist.edu	Saint Louis Univ - www.imagine.stu.edu	• Military
	Jefferson College www.jeffco.edu	Jefferson College Area Technical Center www.jeffco.edu	College of the Ozarks - www.coto.edu	Southeast MO State Univ - www.semo.edu	• On-the-Job Training
	Metropolitan Community College www.mcckc.edu	Lake Career and Technical Center www.camdentonschools.org	Columbia College - www.ccis.edu	Southwest Baptist Univ - www.sbuniv.edu	Kansas City Art Institute www.kcai.edu
	Mineral Area College www.mineralarea.edu	Lebanon Technology Career Center www.lebanon.k12.mo.us	Culver-Stockton College www.culver.edu	Truman State Univ - www.truman.edu	Lecole Culinaire www.lecoleculinaire.com
	Ozarks Tech Community College www.otc.edu	Macon Area Vocational Tech School www.macon.k12.mo.us/vocational	Drury University - www.drury.edu	Univ of Central MO - www.ucmo.edu	Midwestern Baptist Theological Seminary – www.mbts.edu
	St Louis Community College www.stlcc.edu	Northland Career Center www.northlandcareercenter.com	Evangel University - www.evangel.edu	Univ of MO www.missouri.edu	
	Three Rivers Community College www.trcc.edu	Northwest Tech School - www.maryville.k12.mo.us	Fontbonne Univ - www.fontbonne.edu	Univ of MO – KC www.umkc.edu	
		Nevada Regional Technical Center www.nevada.k12.mo.us.us	Lincoln University - www.lincolnu.edu	Univ of MO – STL - www.umsi.edu	
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Amusement and Recreation Workers Baggage Porters and Bellhops Bartenders Casino Gaming Workers Chefs and Dinner Cooks Concierges Counter Attendants Fast Food Cooks Food Preparation Workers Hotel Desk Clerks Janitors and Cleaners Kitchen Helpers Maids and Housekeepers Professional Athletes Recreation Attendants Recreation Guides Recreation Workers Reservation and Ticket Agents Restaurant Hosts Tour Guides Umpires and Referees Waiters and Waitresses		Animal Trainers Casino Gaming Workers First-Line Supervisors/Managers of Housekeeping and Janitorial Workers Flight Attendants Food Service Managers Lodging Managers Reservation and Transportation Ticket Agents and Travel Clerks Residential Advisors Self-Enrichment Education Teachers Travel Agents	Interpreters and Translators Meeting and Convention Planners Recreation Workers Set and Exhibit Designers Social and Community Service Managers	Farm and Home Management Advisors	



Festus High School
Human Services
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Public Speaking		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	Personal Financial Mgmt Foreign Language III Food Preparation Nutrition Now General Psychology	<input type="checkbox"/> Early Childhood and Elementary Education I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Parenting Child Development AP Psychology Introduction to Sociology World Religions	<input type="checkbox"/> Early Childhood and Elementary Education I <input type="checkbox"/> +Early Childhood and Elementary Education II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary	Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org				
	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu St Louis Community College www.stlcc.edu	Colorado Technical University www.coloradotech.com Davis Hart Career Center www.mexicoschools.net Herndon Career Center www.herndoncareercenter.com Heritage Tech Institute www.hightechinstitute.edu Jefferson College ATS www.jeffco.edu Massage Therapy Training Institute www.massagetherapytraininginstitute.com Midwest Institute www.midwestinstitute.com Neosho Beauty College www.neosho-beautycollege.com Paris II Educational Center - www.parisii.net Patsy & Robs Academy of Beauty www.praob.edu Pinnacle Career Institute www.pcitraining.edu Professional Massage Training Center www.pmtc.edu Regency Beauty Institute www.regencybeauty.com St Charles School of Massage Therapy www.dayspaacademy.net	Allied College - www.alliedcollege.edu Avila University - www.avila.edu Central Bible College – www.cbccag.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Conception Seminary College www.conceptionabbey.org Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ STL www.maryville.edu Messenger College www.messengercollege.edu Metro Business College www.metrobusinesscollege.edu Midwest University - www.midwest.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri College of Cosmetology www.missouricosmo.com MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State Univ www.nwmissouri.edu Ozark Christian College - www.occ.edu Park University - www.park.edu Rockhurst Univ www.rockhurst.edu Saint Louis Christian College www.slcconlin.edu St Louis College of Health Careers www.slchc.com Saint Louis Univ - www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Truman State Univ www.truman.edu Univ of Central MO www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL - www.umsf.edu Vatterott College www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ www.websteruniv.edu Westminster College www.westminster-mo.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">ApprenticeshipMilitaryOn-the-Job Training Aquinas Institute of Theology www.ai.edu Assemblies of God Theological Seminary – www.agts.edu Calvary Bible College & Theological Seminary – www.calvary.edu Chillicothe Beauty Academy www.chillicothe-cosmetology.com Concordia Seminary - www.csl.edu Cosmetology Concepts Institute www.cosmetology-concepts.com Covenant Theological Seminary www.covenantseminary.edu Eden Theological Seminary www.eden.edu Elaine Steven Beauty College www.elainestevenbeautycollege.com Grabber School of Hair Design www.grabberschool.com House of Heavlin Beauty College www.kc-hair.com Independence College of Cosmetology www.hair-skin-nails.com Kenrick Glennon Seminary www.kenrick.edu Merrell University of Beauty Arts & Science - www.merrelluniversity.edu Midwestern Baptist Theological Seminary - www.mbts.edu Nazarene Theological Seminary www.nts.edu St Paul School of Theology www.spst.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Child Care Workers Customer Service Representatives Funeral Attendants Laundry and Dry Cleaning Workers Lifeguards and Other Recreational Protective Service Workers Residential Counselors Social and Human Service Assistants		Barbers Embalmers and Funeral Director Government Programs Hairstylists and Cosmetologists Manicurists Preschool Teacher Professional Makeup Artists Residential Advisors Skin Care Specialists Social and Human Service Assistants	Addiction Counselors Director, Religious Activities and Education Early Childhood Educator Financial Counselors Health Educators Recreation Workers Rehabilitation Counselors Social and Community Service Manager Social Workers	Clergy Industrial-Organizational Psychologists Marriage and Family therapists Mental Health Counselors Psychologists Rehabilitation Counselors School Counselors Social Workers Substance Abuse and Behavioral Disorder Counselors Teachers, Postsecondary	



Festus High School
Information Technology
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	<u>Area Technical School of Jefferson College</u>	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I Computer Applications II		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or AP Statistics Precalculus	General Chem	US Government	<u>Personal Financial Mgmt</u> Yearbook Journalism Intro to Computer Science	<input type="checkbox"/> <u>Digital Media Technology I</u>	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	AP Statistics AP Calculus AB		AP US History	Multimedia Web Design Graphic Arts/Desktop Pub	<input type="checkbox"/> <u>Digital Media Technology I</u> <input type="checkbox"/> <u>+Digital Media Technology I & II</u>	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Davis Hart Career Center www.mexicoschools.net Herndon Career Center www.herndoncareercenter.com Jefferson College Area Technical Center www.jeffco.edu Kirksville Area Tech Center www.kirksville.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	A.T. Skill University of Health Sciences www.atsu.edu Avila University - www.avila.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu DeVry University – www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Hickey College - www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri S&T www.mst.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu Missouri Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL- www.umsi.edu Univ of Phoenix – www.phoenix.edu Vatterott College www.vatterott-college.edu Washington University - www.wustl.edu Webster University www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Colorado Technical University www.coloradotech.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu Kansas City Art Institute www.kcai.edu Midwest Institute www.midwestinstitute.com Missouri Tech www.motech.edu National American University www.national.edu Pinnacle Career Institute www.pctraining.edu Texas County Technical Institute www.texascountyttech.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
		Computer Operators Computer Support Specialists Network Systems and Data Communications Analysts Numerical Tool and Process Control Programmers Web Administrators Web Developers	Computer and Information Systems Managers Computer Engineers, Programmers, Security Specialists, Software Engineers, Administrators, Analysts Data Communications analysts Database Administrators Graphic Designers & Multi-Media Artists and Animators Network and Computer Systems Administrators Software Quality Assurance Engineers and Testers	Computer and Information Scientists, Research Computer Science Teachers, Postsecondary Engineering Managers	



Festus High School
Law, Public Safety, Corrections & Security
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I Computer Applications I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Public Speaking Fitness & Conditioning		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	<u>Personal Financial Mgmt</u> Foreign Language III Law and Justice Paralegal Studies	<input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Foreign Language IV Multimedia Contemporary Issues World Religions AP US Gov & Politics	<input type="checkbox"/> Fire Science <input type="checkbox"/> Business Management I +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central MO College www.ncmissouri.edu Ozarks Tech Community College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Columbia Career Center www.career-center.org Grand River Tech School - www.grts.org Hillyard Technical Center www.hillyardtech.com Jefferson College Area Technical Center www.jeffco.edu Rolla Technical Institute www.rolla.k12.mo.us Sikeston Career and Technology Center www.sikeston.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Hannibal-Lagrange College www.hlg.edu Hickey College www.hickeycollege.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu Missouri Western State University www.missouriwestern.edu	Park University - www.park.edu Patricia Stevens College www.patriciastevenscollege.edu Rockhurst University www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Univ of Central MO - www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL - www.umsi.edu Univ of Phoenix – www.phoenix.edu Vatterott College www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ - www.websteruniv.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Allied College www.alliedcollege.edu High Tech Institute www.hightechinstitute.edu National American University www.national.edu Texas County Technical Institute www.texascountytech.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Ambulance Drivers Animal Control Workers Bailiffs Corrections Officers Court Clerks Crossing Guards Fire Fighters Forest Fire Fighters Gaming Surveillance Officers and Gaming Investigators Life Guards and Ski Patrolters Parking Enforcement Officers Parking Enforcement Workers Police, Fire, and Ambulance Dispatchers Security Guards Sheriffs Transportation Security Agents		Correctional Officers and Jailers Court Reporters Emergency Medical Technicians and Paramedics Fire Inspectors Fire Investigators First-Line Supervisors/Managers of Police and Detectives Forest Fire Fighting and Prevention Supervisors Forest Fire Inspectors and Prevention Specialists Legal Secretaries Municipal Fire Fighting and Prevention Supervisors Paralegals and Legal Assistants Police Detectives Police Identification and Records Officers Police Patrol Officers Private Detectives and Investigators Sheriffs and Deputy Sheriffs Title Examiners, Abstractors, and Searchers Transit and Railroad Police	Arbitrators and Mediators Coroners Correctional Treatment Specialists Criminal Investigators and Special Agents Emergency Management Specialists Forensic Science Technicians Immigration and Customs Inspectors Judges and Hearing Officers Law Clerks Probation Officers	Anthropology and Archeology Teachers, Postsecondary Child, Family, and School Social Workers Criminal Justice and Law Enforcement Teachers, Postsecondary Lawyer Psychology Teachers, Postsecondary	



Festus High School
Manufacturing
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics Precalculus	General Chem	US Government	Personal Financial Mgmt Industrial Technology Intro Engineering Design Drafting	♦Metal Fabrication I (M&C I) <input type="checkbox"/> Welding Technology I <input type="checkbox"/> Electronics Technology Building Repair Technology, I (M&C I) ♦Residential Carpentry I (M&C I)	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics Calculus	AP Physics I	AP US History	Technical Drawing Power Tech Electricity/Electronics	<input type="checkbox"/> Computer Integrated Manufacturing ♦Metal Fabrication I (M&C I) ♦+Metal Fabrication II (C II) <input type="checkbox"/> Welding Technology I <input type="checkbox"/> +Welding Technology II <input type="checkbox"/> Electronics Technology Building Repair Technology I (M&C I) +Building Repair Technology II (C II) ♦Residential Carpentry I (M&C I)	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Carrollton Area Career Center www.trojans.k12.mo.us Eldon Career Center www.eldoncareercenter.org Grand River Technical School www.grts.org Herndon Career Center www.herndoncareercenter.com Hillyard Technical Center www.hillyardtech.com Jefferson College Area Technical Center www.jeffco.edu Lamar Area VoTech www.lamar.k12.mo.us Lex La-Ray Tech Center www.lexington.k12.mo.us Kirksville Area Tech Center www.kirksville.k12.mo.us North Central Career Center www.shr2.k12.mo.us Northland Career Center www.northlandcareercenter.com Northwest Tech School www.maryville.k12.mo.us Perryville Area Career/Tech Center www.perryville.k12.mo.us Ranken Tech College - www.ranken.edu South Central Career Center www.wphs.k12.mo.us Southwest Area Career Center www.swacc.k12.mo.us	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.ecom Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College - www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College - www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Hickey College www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ of St. Louis www.maryville.edu Messenger College www.messengercollege.edu Missouri Baptist Univ - www.mobap.edu Missouri College - www.missouricollege.com Missouri S & T www.mst.edu MO Southern State Univ - www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis University www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO - www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL www.umsl.edu Vatterott College - www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training Colorado Technical University www.coloradotech.com DeVry University www.drury.edu Foley-Belsaw Institute www.foley-belsaw.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu National American University www.national.edu Texas County Technical Institute www.texascountytech.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More		
Locksmiths Machinists Metal and Plastic Processing Workers Operators: Crane and Tower, Hoist and Winch, Painting and Coating Machine, Power Plant, Tire Building Machine, Woodworking Machine Precision Assemblers Quality Control Inspectors Small Engine Mechanics Tailors Tool and Die Makers Tool Grinders Upholsterers Vehicle Painters	Automotive Electronics Installers Computer, ATM, and Office Machine Repairers Electric Motor Repairers Home Electronics Repairers Industrial Electronics Repairers Jewelers Manufacturing Production Technicians Security and Fire Alarm Systems Installers Semiconductor Processing Operators Welders and Solders Welding and Soldering Machine Operators	Chemical Engineers Occupational Health and Safety Specialists Safety Engineers			



Festus High School
Marketing
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I Computer Applications I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Public Speaking Computer Applications II		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	<u>Personal Financial Mgmt</u> Foreign Language III Law and Justice Multimedia Paralegal Studies	<input type="checkbox"/> Business Management I	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics		AP US History	Foreign Language IV Web Design Graphic Arts/Desktop Pub Introduction to Sociology General Psychology Marketing	<input type="checkbox"/> Business Management I <input type="checkbox"/> +Business Management II	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	East Central College www.eastcentral.edu Crowder College www.crowder.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Eldon Career Center - www.eldoncareercenter.org Hannibal Career and Technical Center www.hannibal.tec.mo.us Jefferson College Area Technical Center www.jeffco.edu Waynesville Technical Academy www.waynesville.k12.mo.us Northwest Tech School www.maryville.k12.mo.us Rankin Tech College - www.ranken.edu	Avila University - www.avila.edu Baptist Bible College - www.baptist.edu Bryan College - www.bryancollege.com Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu DeVry University – www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univ STL www.maryville.edu Missouri Baptist Univ - www.mobap.edu Missouri College www.missouricollege.com Missouri S&T www.mst.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu MOi Valley College www.moval.edu	Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Patricia Stevens College www.patriciastevenscollege.edu Rockhurst Univ- www.rockhurst.edu Saint Louis Univ www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbuniv.edu Stephens College www.stephens.edu Truman State Univ www.truman.edu Univ of Central MO www.ucmo.edu Univ of MO – www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL- www.umsu.edu Vatterott College www.vatterott-college.edu Washington Univ - www.wustl.edu Webster Univ - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training Colorado Technical University www.coloradotech.com Grantham University www.grantham.edu ITT Technical Institute www.itt-tech.edu National American University www.national.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
	On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
	Advertising Salespeople Buyers and Purchasing Agents Cashiers Counter and Rental Clerks Demonstrators and Promoters Floral Designers Merchandise Displayers Models Opticians Parts Salespeople Retail Salespeople Route Salespeople Telemarketers	Advertising Sales Agents Assessors Fashion Designers Interior Designers Lodging Managers Property, Real Estate, and Community Association Managers Real Estate Brokers Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products Travel Agents Travel Guides Wholesale and Retail Buvers. Except Farm Products	Art Directors Editors Market Research Analysts Public Relations Specialists Sales Managers Sales Representatives Survey Researchers Technical Writers	Business Teacher, Postsecondary Marketing Managers Public Relations Managers Purchasing Managers Sales Managers	



Festus High School
Science, Technology, Engineering & Mathematics
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements				SUGGESTED COURSE OF HIGH SCHOOL STUDY				
				It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.				
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts (Intro to Art) Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II Computer Applications I		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or Precalculus AP Statistics	Pre AP Chemistry AP Physics I	US Government	Personal Financial Mgmt Foreign Language III Drawing Industrial Technology Drafting Technical Drawing Architectural Drawing Intro to Computer Science	<input type="checkbox"/> Electronics Technology	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	AP Statistics AP Calculus AB	AP Chemistry AP Physics II Advanced Biology Earth Science Human Anatomy & Physiology	AP US History	Foreign Lanugage IV 3-D Design Intro Engineering Design Electricity/Electronics	<input type="checkbox"/> Electronics Technology <input type="checkbox"/> Computer Integrated – Manufacturing	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
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Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu	Missouri Tech www.motech.edu	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu MO University of Science & Technology www.mst.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.stu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO www.missouri.edu Univ of MO – KC www.umkc.edu Univ of MO – STL - www.umsf.edu Washington Univ - www.wustl.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu	<ul style="list-style-type: none">• Apprenticeship• Military• On-the-Job Training Grantham University www.grantham.edu
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
		Electronics Engineering Technologists Engineering Technicians Manufacturing Engineering Technologists Science Technicians	Aerospace Engineers Biomedical Engineers Cartographers Chemists Civil Engineers Electrical and Electronics Engineers Energy Engineers Environmental Engineers Geospatial Information Scientists and Technologists Industrial Engineers Manufacturing Engineers Materials Engineers Mechanical Engineers Meteorologists Mining Engineers Nuclear Engineers Petroleum Engineers Photonics Engineers Remote Sensing Scientists and Technologists	Anthropologists Archeologists Astronomers Biologists Environmental Scientists Geographers Geologists and Geophysicists Historians Mathematicians Physicists Political Scientists Robotics Engineers Sociologists	



Festus High School
Transportation, Distribution & Logistics
Career Cluster Suggested Personal Plan of Study
<http://festus.k12.mo.us>

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	<u>Area Technical School of Jefferson College</u>	Additional Learning Opportunities
Secondary	9	ELA I or Honors ELA I	Algebra I or Geometry	Physical Science	World History	PEI Lifetime Health Fine Arts Foreign Language I		School Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	ELA II or Honors ELA II	Geometry or Algebra II	Biology	US History	PE II Foreign Language II		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Honors ELA III	Algebra II or College Algebra AP Statistics	General Chem	US Government	<u>Personal Financial Mgmt</u> Intro Engineering Design Computer Applications I		Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	College Algebra AP Statistics	AP Physics I	AP US History	Power Tech Computer Applications II	<input type="checkbox"/> Automotive Technology	Placement Assessment: <input type="checkbox"/> ACCUPLACER <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____						

ATS symbol key : *Articulated Credit ☐ Dual Credit +Prerequisites M Mathematics C Communications **BOLD – AM ONLY PROGRAM** *Italicized – PM ONLY PROGRAM* Underlined – AM & PM
 High School credit earned is dependent upon Sending School Transcription

Career Cluster Sample Personal Plan of Study

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm	Avila University - www.avila.edu	Missouri Western State University www.missouriwestern.edu	• Apprenticeship
	East Central College www.eastcentral.edu	Clinton Tech School www.clinton.k12.mo.us	Baptist Bible College - www.baptist.edu	Northwest Missouri State University www.nwmissouri.edu	• Military
	Hannibal-Lagrange College www.hlg.edu	Davis Hart Career www.mexicoschools.net	Bryan College - www.bryancollege.com	Park University - www.park.edu	• On-the-Job Training
	Jefferson College www.jeffco.edu	Eldon Career www.eldoncareercenter.org	Central Methodist University www.centralmethodist.edu	Rockhurst Univ - www.rockhurst.edu	Aviation Institute of Maintenance www.aviationmaintenance.edu
	Linn State Technical College www.linnstate.edu	Four Rivers Career Center www.washington.k12.mo.us	College of the Ozarks - www.cofo.edu	Patricia Stevens College www.patriciastevenscollege.edu	Colorado Technical University www.coloradotech.com
	Metropolitan Community College www.mcckc.edu	Gibson Tech Ctr www.wolves.k12.mo.us/gtc	Columbia College - www.ccis.edu	St. Louis Univ - www.imagine.slu.edu	American Truck Training www.americantrucktraining.com
	Mineral Area College www.mineralarea.edu	Grand River Tech School - www.grts.org	Culver-Stockton College - www.culver.edu	SE MO State Univ www.semo.edu	C-1 Truck Driver Training www.c1training.com
	Moberly Area Community College www.macc.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	DeVry Univeristy - www.devry.edu	Southwest Baptist University www.sbuniv.edu	ITT Technical Institute www.itt-tech.edu
	North Central Missouri College www.ncmissouri.edu	Herndon Career Center www.herndoncareercenter.com	Drury University - www.drury.edu	Stephens College www.stephens.edu	Midwestern Training Center
	Ozarks Technical Comm College www.otc.edu	Kirksville Area Tech www.kirksville.k12.mo.us	Evangel University - www.evangel.edu	Truman State Univ - www.truman.edu	National American University www.national.edu
	Ranken Technical College www.ranken.edu	Lake Career and Technical Center www.camdentonschools.org	Everest College - www.everest-college.edu	Univ of Central MO - www.ucmo.edu	Nuway Truck Driver Training www.nuwaytruckschools.com
	Sanford-Brown College www.sanford-browncollege.com	Lebanon Technology and Career Ctr www.lebanon.k12.mo.us/lccc	Fontbonne Univ - www.fontbonne.edu	Univ of MO – KC www.umkc.edu	Southern MO Truck Driving School www.smtds.com
	St Louis Community College www.stlcc.edu	Nichols Career Center www.jcps.k12.mo.us	Graham Univ - www.grantham.edu	Univ of MO – STL www.umsl.edu	Westwind CDL Training Center www.westwindcdl.com
	State Fair Community College www.sfccmo.edu	NW Tech School www.maryville.k12.mo.us	Harris-Stowe State Univ - www.hssu.edu	Vatterott College www.vatterott-college.edu	Witte Truck Driving School
		Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us	Lincoln University - www.lincolnu.edu	Washington Univ - www.wustl.edu	
		Rolla Tech Institute - www.rolla.k12.mo.us	Lindenwood Univ - www.lindenwood.edu	Webster Univ - www.websteruniv.edu	
		Saline County Career Center www.marshallschools.com/sccc	Maryville University of Saint Louis www.maryville.edu	Westminster College www.westminster-mo.edu	
		Sikeston Career & Technology Center www.sikeston.k12.mo.us	Messenger College www.messengercollege.edu	William Jewell College - www.jewell.edu	
		South Central Career Ctr - www.wphs.k12.mo.us	Missouri Baptist Univ - www.mobap.edu	William Woods University www.williamwoods.edu	
		Waynesville Technical Academy www.waynesville.k12.mo.us	Missouri College www.missouricollege.com		
			Missouri Southern State University www.mssu.edu		
			Missouri State University www.missouristate.edu		
			Missouri State Univ – West Plains www.wp.missouristate.edu		
			Missouri University of Science & Tech www.mst.edu		
Sample Careers By Educational Level – For Occupational Specialties, go to www.careertech.org or www.missouriconnections.org					
On-The-Job Training or Less		Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More	
Air Traffic Controllers and Flight Attendants Auto Body Repairers Bicycle Repairers Bus Drivers and School Bus Drivers Dispatchers and Traffic Technicians Freight Handlers Heavy Equipment Mechanics Heavy Truck Drivers Motorboat & Motorcycle Mechanics Parking Lot Attendants Riggers Service Station Attendants, Tire Repairers & Changers Transportation Agents		Aircraft Mechanic & Automobile Mechanics Bus and Truck Mechanics & Diesel Engine Specialists Electronic Equipment Installers/Repairers, Motor Vehicles & Transportation Equipment First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation Material-Moving Machine and Vehicle Operators Motorboat Mechanics and Motorcycle Mechanics Signal and Track Switch Repairers Traffic Technicians Transportation Vehicle, Equipment/Systems Inspectors	Airline Pilot Logisticians Storage and Distribution Managers	Chief Executive	

Course Matrix

English

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
ELA I	1115	1	9					X
Honors ELA I	1125	1	9	80%+ 8 th gr. Adv Eng				X
ELA II	1145	1	10					X
Honors ELA II	1160	1	10	80%+ Eng IA or 84%+ Eng I				X
ELA III	1165	1	11					X
Honors ELA III	1185	1	11	80%+ Eng IIA or 84%+ Eng II	X			X
ELA IV	1204	1	12					X
AP English Lit & Comp	1206 1207	0.5 0.5	12	80%+ Am Lit	X	X	X	X

Social Studies

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
World History	2120	1	9					X
US History	2130	1	10					X
AP US History	2137 2138	0.5 0.5	12	3.0 Cum GPA or 80%+ WH	X	X	X	X
US Government	2190	1	11					X

Math

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
Introductory Algebra	3120	1	9					
Algebra I	3130	1	9-12					X
Algebra I Support (Elective credit)	3135	1	9-10	Concurrent Alg I, Teacher Recommendation				
Introductory Geometry	3160	1	10-12	Algebra I				X
Geometry	3170	1	9-12	Algebra I				X
Introductory Algebra II	3176	1	11-12	Intro Geometry or Geometry				
Algebra II	3180	1	10-12	Algebra I and Geometry				X
Math Analysis	3190	1	11-12	Geometry and Algebra II				X
AP Statistics	3192	1	10-12	Algebra II	X	X	X	X
College Algebra	3194	1	11-12	80% + in Algebra II	X	X		X
Pre-Calculus	3205	1	11-12	80%+ Alg II or Col Alg	X	X		X
AP Calculus AB	3215	1	12	Pre-Calculus	X	X	X	X

Science

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
Physical Science	4110	1	9					X
Principles of Phys Sci	4115	1	9	Teacher Rec				
Principles of Biology	4118	1	10	Teacher Rec				
Biology	4120	1	10					X
Ecology	4125	1	11-12					X
Astronomy	4130	0.5	10-12	Phys. Sci. Geometry				X
Anatomy/ Physiology	4140	1	11-12	Biology				X
Zoology	4160	1	11-12	Biology				X
Earth Science	4170	0.5	11-12	Phys. Sci. Geometry				X
Gen Chemistry	4190	1	9-12	Alg. I, Phys. Sci, Geometry*				X
Pre AP Chem	4195	1	9-12	Alg. I, Phys. Sci, Geometry*	X			X
Adv Biology	4200	1	10-12	Phys. Sci. Biology	X	X		X
AP Physics 1	4205	1	10-12	Alg II	X		X	X
AP Physics 2	4215	1	11-12	AP Physics I	X		X	X
AP Chemistry	4235	1	10-12	Pre AP Chem	X		X	X

* Completion of Algebra I, completion or co-enrollment in Physical Science and Geometry.

Foreign Language

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
Spanish I	5110	1	9-11					X
Spanish II	5120	1	10-12	70%+ Spanish I				X
Spanish III	5130	1	11-12	70%+ Spanish II	X	X		X
Spanish IV	5140	1	12	70%+ Spanish III	X	X		X
French I	5210	1	9-11					X
French II	5220	1	9-12	70%+ French I				X
French III	5230	1	10-12	70%+ French II	X	X		X
French IV	5240	1	11-12	70%+ French III	X	X		X

Fine Arts

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDI T</i>	<i>AP</i>	<i>NCAA APPROVED</i>
Intro. To Art	6110	1	9-12					
Drawing	6120	0.5	10-12	70%+ Intro to Art				
Painting	6130	0.5	10-12	70%+ Intro to Art				
3D Design	6140	0.5	10-12	70%+ Intro to Art				
Pottery I	6150	0.5	10-12					
Pottery II	6160	0.5	10-12	70%+ Pottery I				
Music Theory	6210	0.5	9-12	2 yr. Ensemble Experience or Teacher Approval				
Beginning Guitar	6220	0.5	9-12	Minimal previous guitar experience				
Men's Choir	6240	1	9-12					
Women's Choir	6250	1	9-12					
Mixed Choir	6255	1	9-12	Audition/ Teacher Approval				
Concert Choir	6260	1	9-12	Audition/ Teacher Approval				
Marching Band	6290	0.5 (1 st Sem. only, must add 2 nd Sem. band)	9-12 (required for 9 th gr band)	Prev. Band Experience, Director Approval				
Symphonic Band	6300	0.5 (2 nd Sem. only)	10-12	Marching Band, Prev. Band Experience, Audition/Director Approval				
Concert Band	6310	0.5 or 1.0 (1 st &/or 2 nd semester)	10-12	Marching Band, Prev. Band Experience, Audition/Director Approval				
Freshman Band	6315	0.5 (2nd Semester only)	9	Marching Band, Prev. Band Experience, Audition/Director Approval				
Jazz Band	6320	1 or 0.5	9-12	Director Audition				
Band Percussion	6325	0.5	9-12	Prev. Band Experience, Director Approval				

Practical Arts

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Personal Financial Mgmt	7010	0.5	10-12					
Computer App. I	7020	0.5	9-12					
Computer App. II	7025	0.5	9-12	70%+ Comp Apps I		Articulated		
Intro to Computer Science	7060	0.5	10-12	70%+ Algebra I				
Business Management	7100	0.5	11-12					
Law and Justice	7120	0.5	10-12					
Multimedia	7140	0.5	10-12	Basic Keyboarding				
Web Design	7150	0.5	10-12	Basic Keyboarding				
Graphic Arts/ Desktop Publishing	7170	0.5	10-12	Basic Keyboarding				
Marketing I	7175	0.5	11-12					
Accounting I	7190	1	10-12			Articulated		
Paralegal Studies	7195	0.5	11-12					
Food Preparation	7230	0.5	11-12					
Nutrition Now	7240	0.5	11-12					
Parenting	7260	0.5	11-12					
Child Development	7270	0.5	11-12					
Interior Design	7295	0.5	9-12					
Industrial Technology	7300	1	9-11					
Intro to Engineering Design	7325	1	10-12					
Drafting	7330	0.5	10-12					
Technical Drawing	7350	0.5	10-12	70%+ Drafting				
Architectural Drawing	7360	0.5	10-12	70%+ Drafting				
Power Technology	7390	0.5	10-12					
Electricity/ Electronics	7400	0.5	10-12					

Physical Education

<i>SUBJECT</i>	<i>COURSE #</i>	<i>CREDIT</i>	<i>GRADE</i>	<i>PRE-REQ</i>	<i>WEIGHTED</i>	<i>DUAL CREDIT</i>	<i>AP</i>	<i>NCAA APPROVED</i>
Lifetime Health	8000	0.5	9					
Men's PE I	8100	0.5	9					
Men's PE II	8110	1	10	Men's PE I				
Women's PE I	8150	0.5	9					
Women's PE II	8160	1	10	Women's PE I				
Fitness & Conditioning	8185	1	10-12	PE I				
Aerobic/ Walking Fitness	8215	1	10-12	PE I				
Team Sports	8220	1	11-12	PE I				
Zero Hour Lifting for Sport	8225	1	10-12	Instructor Approval				

Year long PE courses can also be taken just for a semester.

Electives

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Films as Lit.	1195	0.5	11-12					
Intro to Theater	1235	0.5	10-12					
Public Speaking	1240	0.5	10-12					
Adv. Speech & Theater	1245	0.5	11-12	Intro to Theater/Pub speaking				
ACT Prep	1270	0.5	10-12					
Creative Writing	1276	0.5	10-12					X
Contemporary Issues	2140	0.5	11-12					X
General Psychology	2160	0.5	11-12					X
AP Psychology	2162	1	12		X		X	X
Intro to Sociology	2170	0.5	11-12					X
World Religions	2180	0.5	11-12					X
AP US Gov't & Politics	2192	1	12		X	X	X	X
Students as Tutor/Mentor	9100	0.5	11-12	A+ enrollment				
Transitions I	9120	0.5	9					
Transitions II	9125	0.5	10					
Transitions III	9127	0.5	11					
Library Practice	9130	1	11-12	Librarian Rec.				
Elementary Cadet Teach	9140	1	12					
Intermediate Cadet Teach	9142	1	12					
M.S. Cadet Teaching	9145	1	12					
Broadcasting	9149	0.5 or 1	9-12	Instructor Approval				
Online Magazine Prod	9151	0.5 or 1	9-12					
Yearbook Journalism	9156	0.5 or 1	9-12					
Tiger Time	9160	NO CREDIT	ALL					
Advisory	9162	NO CREDIT	ALL					
Office Assistant	9165	NO CREDIT	12					

Course Descriptions

English Language Arts



FULL YEAR COURSES

ELA I

Honors ELA I

ELA II

Honors ELA II

ELA III

Honors ELA III

ELA IV

AP English Literature & Composition

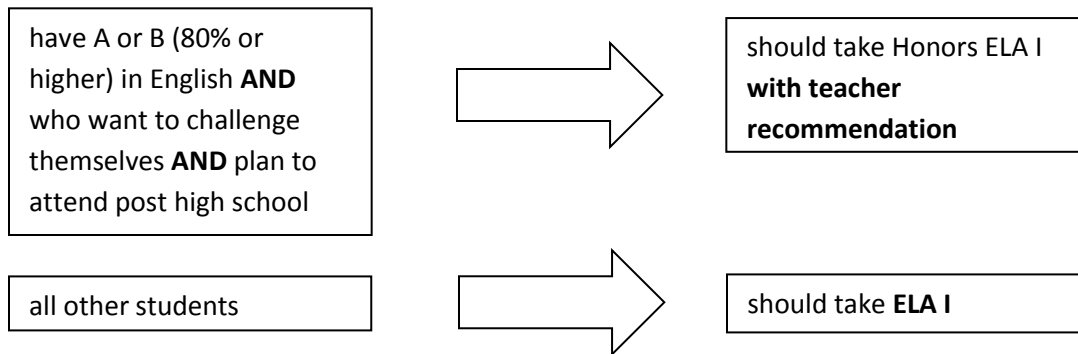
*English Elective courses can be found starting on page 92

ELA I (9) This course meets the freshmen language arts requirement. It is a combination of language study, reading, and writing with an emphasis on improving analytical skills and logical communication in high school and beyond. The short and full-length writing assessments will keep these two goals as the foundation for the course. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	None
Course Number	H1115	Credit	1 unit English
HONORS ELA I (9) Students will fulfill all requirements of ELA I but at a more advanced rate. In addition, the Honors ELA I student will be required to do more written work, read more short stories and novels, and participate in more projects. The Honors ELA I student will be challenged to think at higher levels and meet higher expectations. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	80%+ 8 th gr Adv English
Course Number	H1125	Credit	1 unit English
ELA II (10) This course meets the sophomore language arts requirement. It combines literature skills, grammar skills, vocabulary development, and writing skills. It builds on all of the knowledge gained from the freshman-level English classes. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	None
Course Number	H1145	Credit	1 unit English
HONORS ELA II (10) Honors ELA II is an advanced ELA II class that addresses a combination of grammar, writing, and literature skills as well as vocabulary development. The same ELA II objectives will be addressed but in greater depth and at an accelerated pace. Additional literary selections are included in this course. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	84% English I or 80% English IA
Course Number	H1160	Credit	1 unit English
ELA III (11) This course meets the junior language arts requirement. It presents a broad sampling of American writers' short stories, essays, plays, poems, and novels. Students will also improve grammar usage and writing skills. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	None
Course Number	H1165	Credit	1 unit English
HONORS ELA III (11) This weighted junior level course is designed to challenge high-achieving students who will be taking AP English Literature & Composition as seniors and who expect to attend college. Students will read a variety of American literature selections, review the rules of grammar and usage, and produce a variety of writing projects. ACT test preparation will also be a focus. **NCAA approved course.			
Course Type	Full Year Weighted Course	Prerequisite	84% English II or 80% English IIA
Course Number	H1185	Credit	1 unit English
ELA IV (12) This course meets the senior language arts requirement. It will reinforce skills in writing, grammar, and literature. Various short stories, plays, and novels will be read and various writing assignments will be completed. This class will prepare students for the challenges they will face in college-level English courses. **NCAA approved course.			
Course Type	Full Year Course	Prerequisite	None
Course Number	H1204	Credit	1 unit English

AP ENGLISH LITERATURE & COMPOSITION (12) This course offers the fourth year of English required for those students who seek an honors diploma as well as the opportunity to earn 6 hours of college credit in Composition through Jefferson College. As an added benefit, students will be prepared to take the Advanced Placement exam in May if they choose to pursue college credit for this course by that method. SUMMER READING IS REQUIRED. Students in this course will study a variety of literary genres in addition to Jefferson College's and AP's goals concerning essay writing. Students will practice both shorter and longer essay styles as well as research essays with the intention of being very well prepared to write at the university level. Because of its rigorous content and challenging assignments, students will receive a grade on the weighted grading scale. ****NCAA approved course. *To be eligible for Jefferson College credit, students must have at least a 2.5 cumulative GPA, have either an ACT English sub-score of at least 18 OR an ACCUPLACER Writing Skills score of at least 92, and have an ACCUPLACER Reading Skills score of 85 or higher or an ACT Reading sub-score of 18 or higher.**

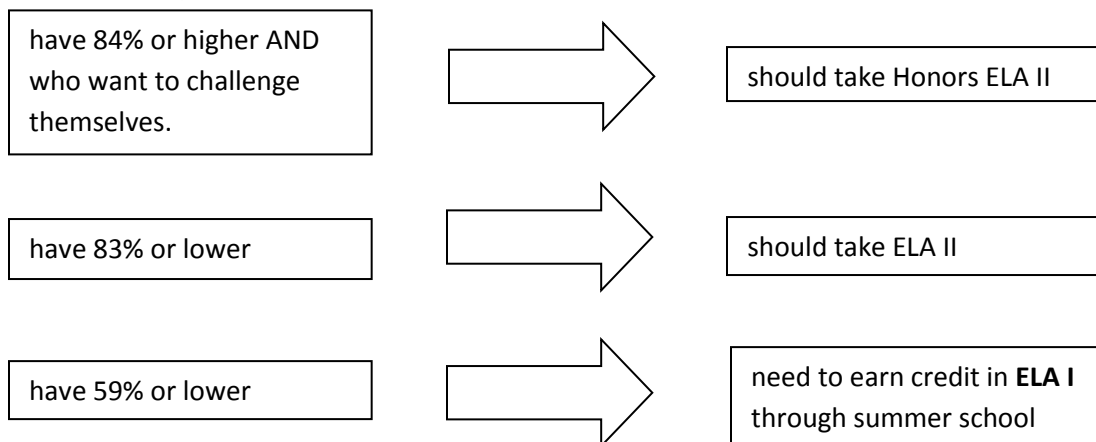
Course Type	Full Year Weighted Course	Prerequisite	80% American Literature
Course Number	H1206 - 1st sem/H1207 - 2nd sem	Credit	1 unit English

Current eighth grade students who:



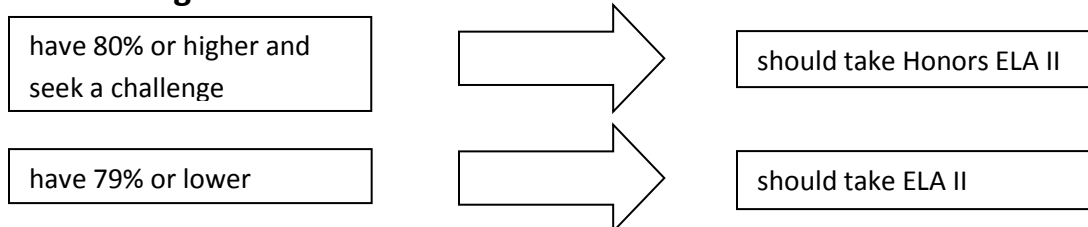
Always use the student's English average for first semester and second semester so far.

Current English I students who:



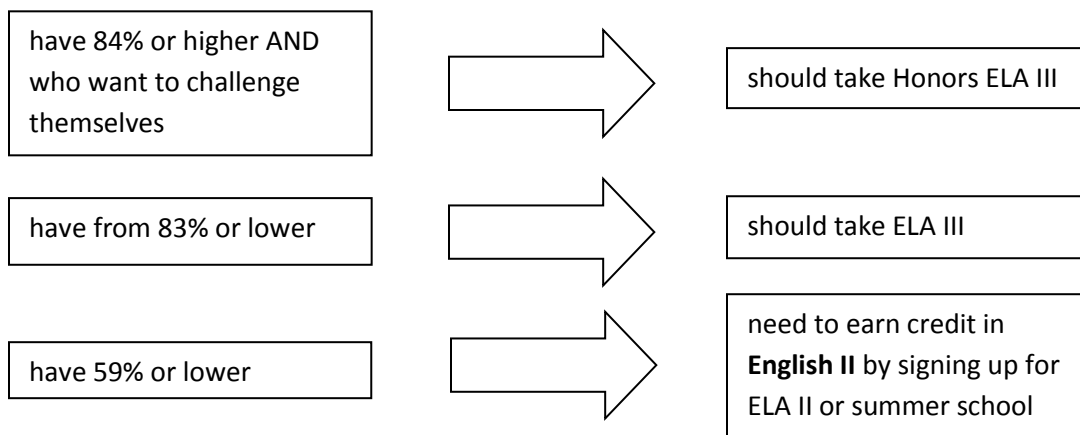
Always use the student's English average for first semester and second semester so far.

Current English IA students who:



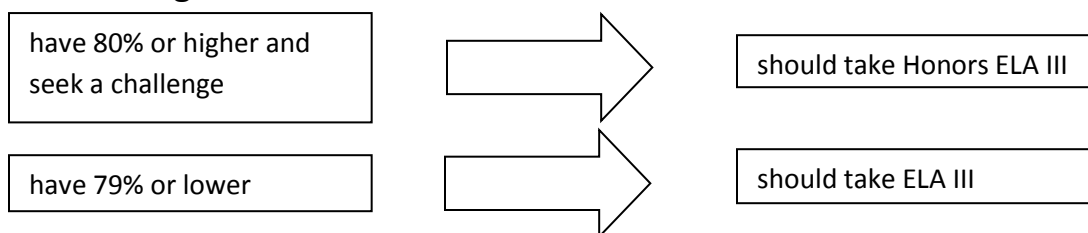
Always use the student's English average for first semester and second semester so far.

Current English II students who:



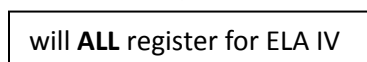
Always use the student's English average for first semester and second semester so far.

Current English IIA students who:



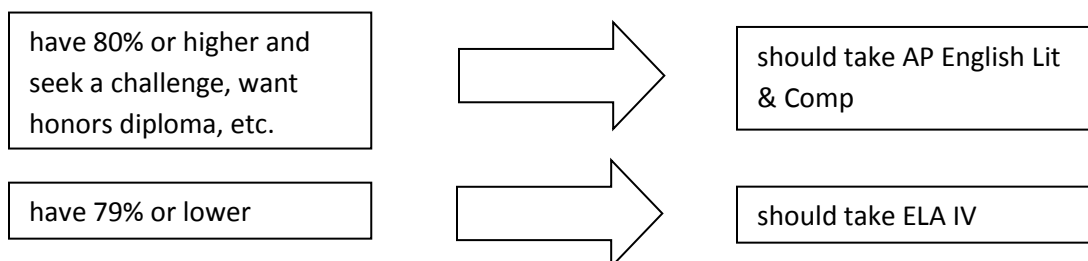
Always use students' English average for first semester and second semester so far.

Current English III students:



Always use the student's English average for first semester and second semester so far.

Current American Lit. students who:



Always use the student's English average for first semester and second semester so far.

Social Studies



FULL YEAR COURSES

World History
US History
AP US History
US Government

*Social Studies Elective courses can be found starting on page 92

WORLD HISTORY (9) This course covers important historical events from the Middle Ages through the 20th Century. Students will learn how historical forces guide the development of cultures and nations around the world. Students will also learn how these forces affect the world around them and how they will guide world events in the future. Students will be involved in various activities throughout the year, which include projects, group discussion, and analysis of historical documents. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H2120	Credit	1 unit Social Studies

US HISTORY (10) This course is a survey of American History from the 1860s to today. Students will learn about Reconstruction through World War I in the first semester and the 1920s through the present in the second semester. This course provides the basis for understanding America's role in today's world. Students will complete an original research project during this course. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H2130	Credit	1 unit Social Studies

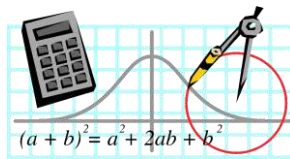
AP US HISTORY This course is a two-part general survey of US history from the pre-Columbian era to the Civil War and from the Civil War and Reconstruction to the present. This course is designed to prepare students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. ****NCAA approved course.**
****This course may be taken for Dual Enrollment credit through Jefferson College. To be eligible for Jefferson College credit, students must have at least a 2.5 cumulative GPA and either an ACT Reading sub-score of at least 18 OR an ACCUPLACER Reading Skills score of at least 85.***

Course Type	Full Year Weighted Course	Prerequisite	3.0 GPA or 80%+ World History
Course Number	H2137-1st Sem/H2138- 2nd Sem	Credit	1 unit Social Studies

US GOVERNMENT (11) This course provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the US. Responsible and effective participation of citizens is stressed. Students understand the nature of citizenship, politics, and governments. Students will also understand the rights and responsibilities of citizens and how these are part of local, state, and national government. Students examine how the US Constitution protects rights and provides the structure and functions of various levels of government. Using primary and secondary resources, students will articulate, evaluate, and defend positions on political issues. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H2190	Credit	1 unit Social Studies

Mathematics



FULL YEAR COURSES

Introductory Algebra

Algebra I

Algebra I Support Course

Introductory Geometry

Geometry

Introductory Algebra II

Algebra II

Math Analysis

AP Statistics

College Algebra

Precalculus

AP Calculus AB

INTRODUCTORY ALGEBRA (9) This course focuses on preparing students for Algebra I. The concepts will include: operations on real numbers, linear equations and inequalities and measures of central tendency.

Course Type	Full Year Course	Prerequisite	None
Course Number	H3120	Credit	1 unit Mathematics

ALGEBRA I (9, 10) This course expands on the concepts of number systems. Techniques used for simplifying expressions and solving equations are introduced or discovered throughout the course. All aspects of graphing linear equations and manipulating such graphs are introduced and thoroughly examined. This course will also introduce functions and examine their role in mathematics. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H3130	Credit	1 unit Mathematics

ALGEBRA I SUPPORT COURSE (9, 10, 11, 12) This course is based on the curriculum of Algebra I and the individual student's needs. Concepts will include techniques for simplifying expressions, solving equations, basic computation, and mental mathematics. Some of these will be reviewed, to catch students up to be ready for their Algebra I course. Students will be expected to work independently, collaboratively, and with technology throughout the course of the year.

Course Type	Full Year Course	Prerequisite	Concurrent Enrollment in Algebra I Teacher Recommendation
Course Number	H3135	Credit	1 unit Elective

INTRODUCTORY GEOMETRY (10, 11, 12) This course uses a practical, non-algebraic approach to study the properties of two and three-dimensional figures. Topics include lines, angles, polygons, circles, congruence, similarity, area, and volume. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I
Course Number	H3160	Credit	1 unit Mathematics

GEOMETRY (9, 10, 11, 12) Students will study an algebraic approach to properties of plane and solid figures. Emphasis will be upon obtaining information about geometric figures, developing logical thinking by means of proof, thinking in three-dimensional terms and developing an appreciation of geometry in the modern world. Constructions with straight edge and compass will be introduced as well as coordinate geometry. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I
Course Number	H3170	Credit	1 unit Mathematics

INTRODUCTORY ALGEBRA II (11, 12) This course is recommended for students that earned a C- or below in Algebra I. This course will provide students an additional opportunity to improve on their fundamental algebra skills before entering into Algebra II. Students will solve a variety of equations and inequalities and will develop additional graphing techniques used for higher order equations.

Course Type	Full Year Course	Prerequisite	Introductory Geometry or Geometry
Course Number	H3176	Credit	1 unit Mathematics

ALGEBRA II (10, 11, 12) This course expands on the concept of number systems, in particular, those systems using the sets of Real numbers and Complex numbers. In addition, techniques used to solve a variety of equations are presented or discovered throughout the course. The concepts associated with coordinate geometry are reinforced prior to the manipulation of the conic sections. This is a rigorous and fast-paced course that builds on the concepts mastered in Algebra I. It is recommended for students that earned a C or better in Algebra I. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I and Geometry
Course Number	H3180	Credit	1 unit Mathematics

MATH ANALYSIS (11, 12) This course reinforces and advances the concepts taught in Algebra II. It also prepares students for a college freshman level math course. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Geometry and Algebra II
Course Number	H3190	Credit	1 unit Mathematics

AP STATISTICS (10, 11, 12) This course is designed as a dual credit course allowing the student to earn 3 semester hours of college credit through the University of Missouri –St. Louis. Statistics is intended for those students wanting to take an upper level math course after Algebra II. The course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, planning studies, anticipating patterns, and statistical inference. Students will use technology (internet, graphing calculators and spreadsheets) to collect and analyze data. Students will be eligible to take the Advanced Placement Statistics exam given each spring. ****NCAA approved course.**
****To be eligible for University of Missouri-St. Louis college credit a student must have at least a 2.5 cumulative GPA. Other requirements may need to be met in order to earn college credit.***

Course Type	Full Year Weighted Course	Prerequisite	Algebra II
Course Number	H3192	Credit	1 unit Mathematics

COLLEGE ALGEBRA (11, 12) This course is designed as a dual enrollment course allowing the student to earn 3.0 semester hours of college credit through Jefferson College. In this course, students will solve and graph various types of functions within both the real number system and the complex number system. This course also covers systems of equations and inequalities, matrices and sequences and series. ****NCAA approved course.** ****To be eligible for Jefferson College credit, students must have at least 2.5 cumulative GPA, an ACCUPLACER Reading Skills score of 85 or higher or an ACT Reading score of 18 or higher, and an ACCUPLACER Elementary Algebra score of 116 or higher or an ACCUPLACER College Level Math score of 46 or higher or an ACT Math sub-score of 22 or higher.***

Course Type	Full Year Weighted Course	Prerequisite	80%+ Algebra II
Course Number	H3194	Credit	1 unit Mathematics

PRECALCULUS (11, 12) This course is designed as a dual credit course allowing the student to earn 5.0 semester hours of college credit through Jefferson College. Pre-calculus covers the College Algebra and Trigonometry topics required for the Calculus I, II, III sequence. A graphing calculator is recommended. ****NCAA approved course.** ****To be eligible for Jefferson College credit students must have at least a 2.5 cumulative GPA, an ACCUPLACER Reading Skills score of 85 or higher or an ACT Reading score of 18 or higher, and an ACCUPLACER College Level Math score of 52 or an ACT Math score of 22 or higher.***

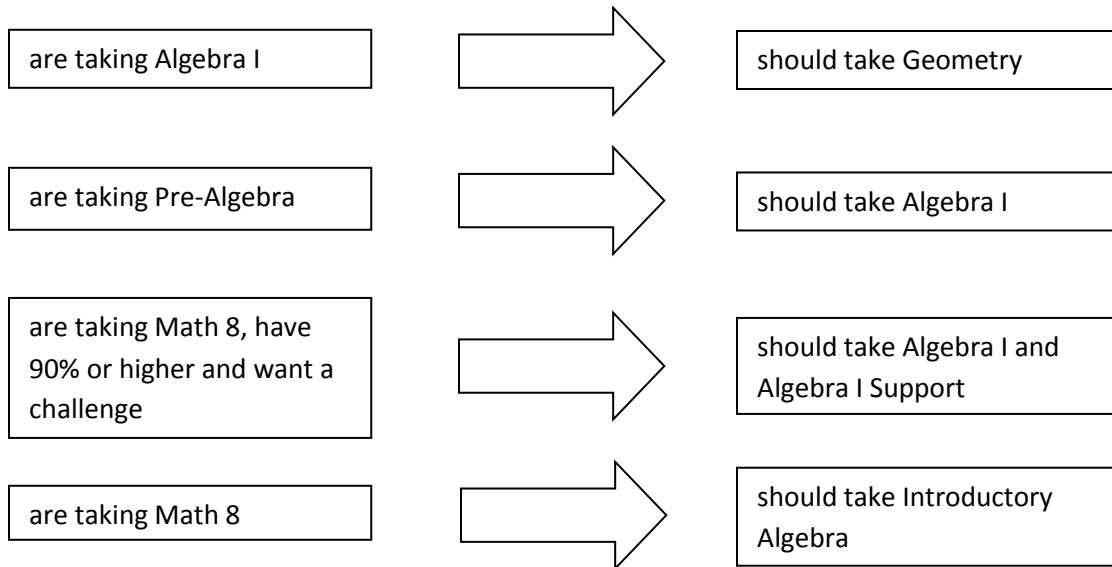
Course Type	Full Year Weighted Course	Prerequisite	80%+ Algebra II or College Algebra
Course Number	H3205	Credit	1 unit Mathematics

AP CALCULUS AB (12) This course is designed as a dual enrollment course allowing the student to earn 5.0 semester hours of college credit through Jefferson College. This course covers limits, continuity, differentiation and integration. It is designed to expand the students understanding of mathematical functions and their real-life applications. Some of these applications include optimization problems, related rates, area and volume. Students will be eligible to take the Advanced Placement Calculus AB exam given each spring. ****NCAA approved course.** ****To be eligible for Jefferson College credit, students must have at least a 2.5 cumulative GPA, an ACCUPLACER Reading Skills score of 85 or higher or an ACT Reading sub-score of 18 or higher, and an ACCUPLACER College Level Math score of 86 or higher or an ACT Math sub-score of 27 or higher. Students that earned Jefferson College credit in Precalculus with a grade of C or higher are automatically eligible for college credit.***

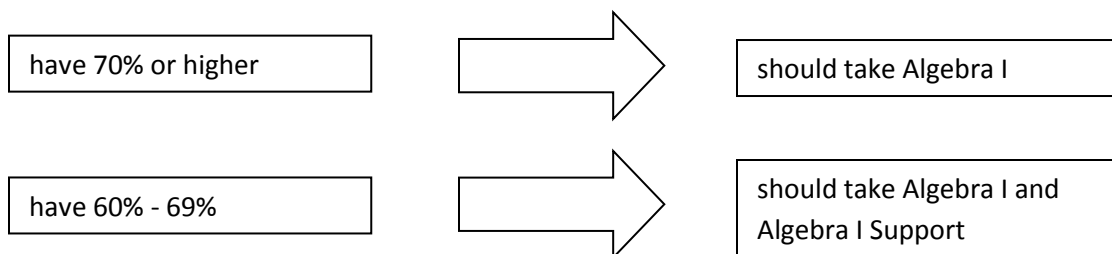
Course Type	Full Year Weighted Course	Prerequisite	Precalculus
Course Number	H3215	Credit	1 unit Mathematics

Math Flow Chart

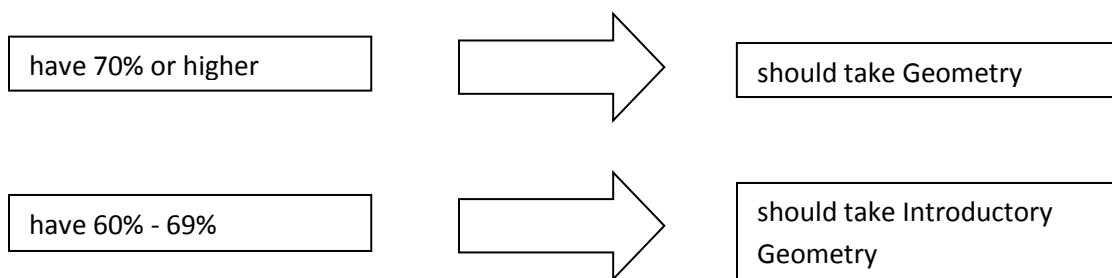
Current 8th Grade students who:



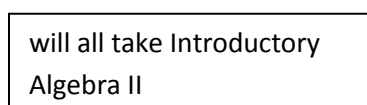
Current Introductory Algebra students who:



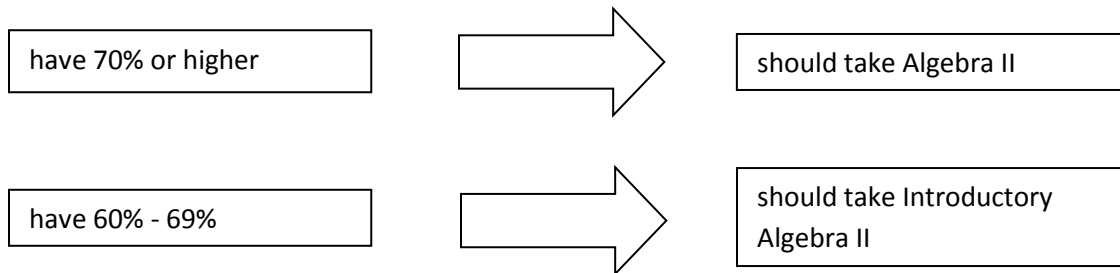
Current Algebra I students who:



Current Introductory Geometry students:



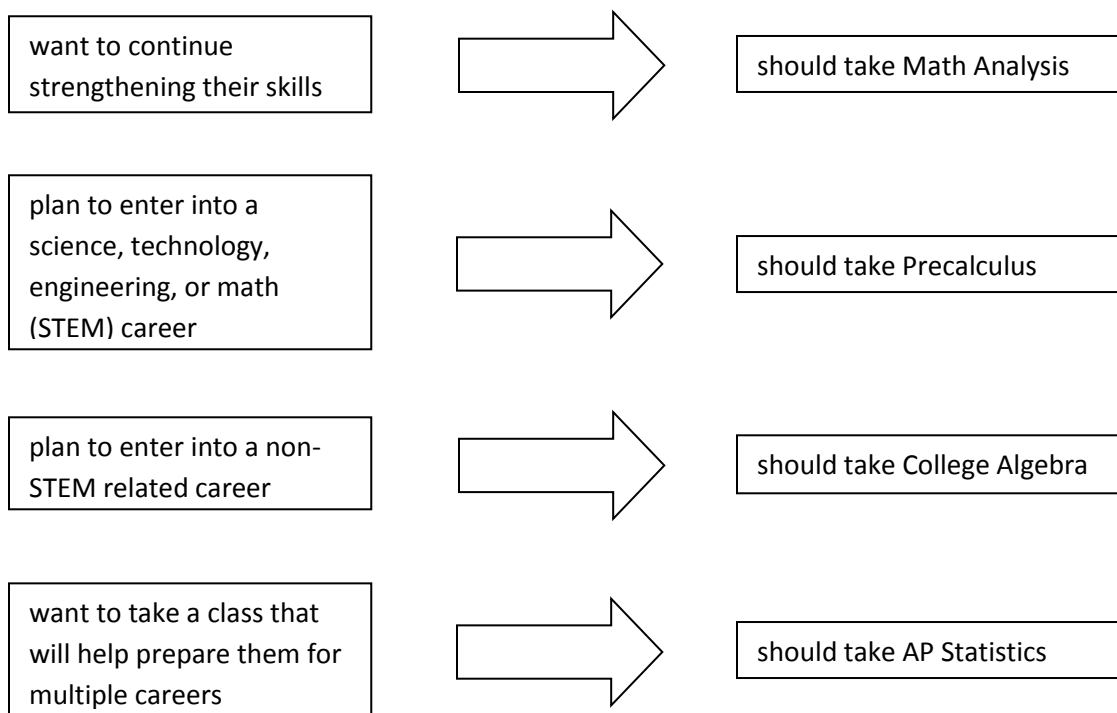
Current Geometry students who:



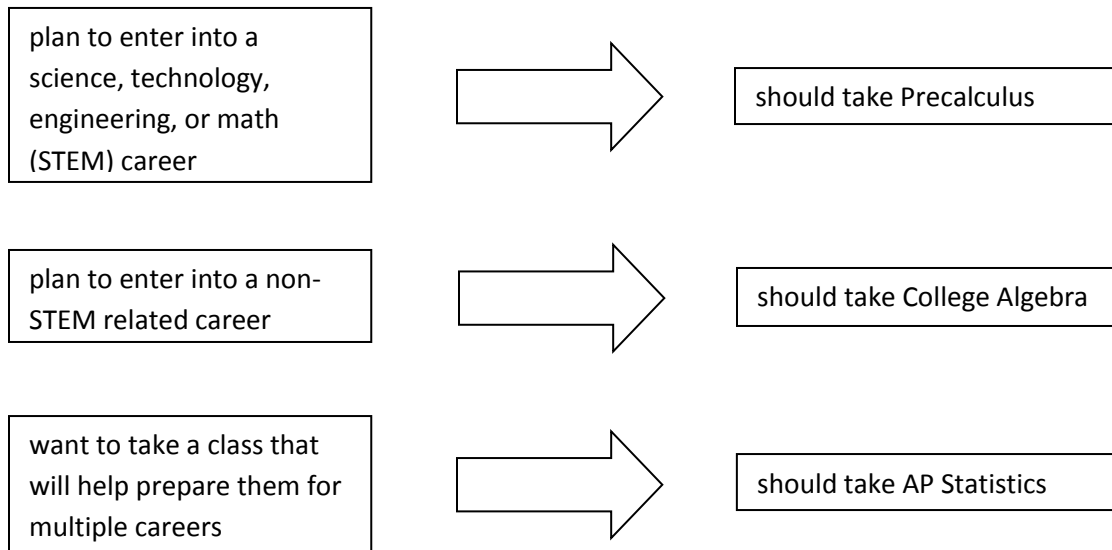
Current Introductory Algebra II students:

should all take Algebra II

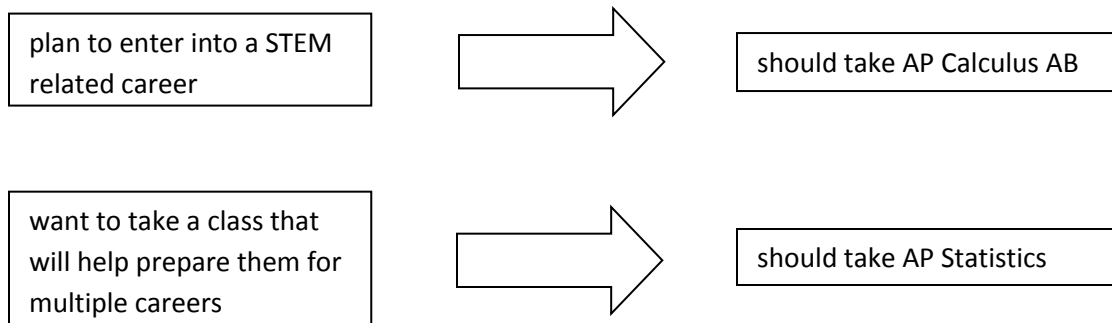
Current Algebra II students who:



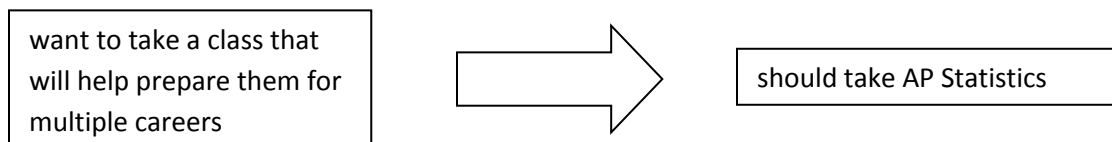
Current Math Analysis students who:



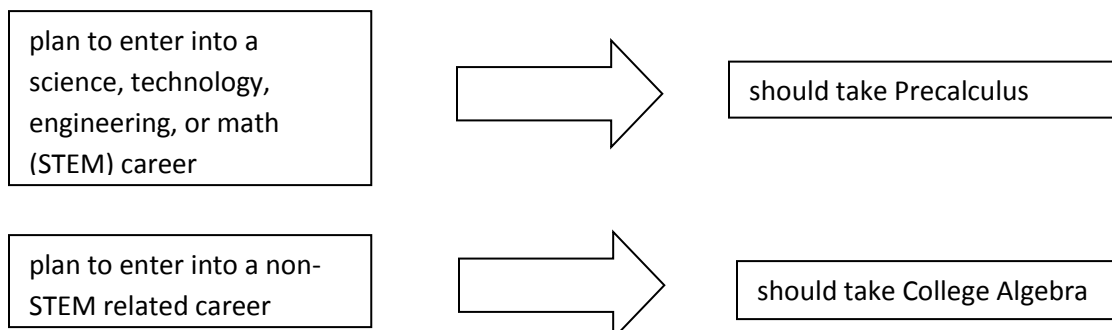
Current Precalculus students who:



Current College Algebra students who:



Current AP Statistics students who:



Science



FULL YEAR COURSES

Physical Science
Principles of Physical Science
Principles of Biology
Biology
Ecology
Human Anatomy/Physiology
Zoology
General Chemistry
Pre AP Chemistry
Advance Biology
AP Physics 1
AP Physics 2
AP Chemistry

SEMESTER COURSES

First Semester
Earth Science

Second Semester
Astronomy

PHYSICAL SCIENCE (9) This course is a hands-on study of the physical aspects of the world of science. You will learn about the physics of motion, force, energy, machines, waves, the star cycle, and the universe. You will learn how everyday items are connected to the world of science. This is a laboratory course with activities directly related to the subject matter covered in each of the topic areas. The scientific method and laboratory practices are stressed throughout the course. Current scientific developments are presented and discussed as students present symposiums from *current newspaper, magazine, or Internet articles*. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H4110	Credit	1 unit Science

PRINCIPLES OF PHYSICAL SCIENCE (9) What affects the methods a scientist uses? What is the difference between Chemical and Physical properties? How are the subatomic particles of atoms classified? What is a 1 molar acid? Learn the answer to these questions as well as many others. Also, improve your writing skills by writing lab summaries to inform other students of your lab findings.

Course Type	Full Year Course	Prerequisite	Teacher Recommendation
Course Number	H4115	Credit	1 unit Science

PRINCIPLES OF BIOLOGY (10) What are the eight features of a living thing? How many places are named for animals or plants? What is the shape of a virus? Why is a mushroom a fungus and not a plant? What traits does an earthworm have that help it live in soil? What nutrients are present in milk? How do a worm's pulse and your pulse compare? All these questions plus many other questions will be answered as you move through this course. This course is designed to help you prepare for your EOC test as well as get ready for the third course of the Applied Sciences which is Ecology.

Course Type	Full Year Course	Prerequisite	Teacher Recommendation
Course Number	H4118	Credit	1 unit Science

BIOLOGY (10) This is a college preparatory course that surveys many aspects of life science. This is a survey course that will explore cytology, microbiology, genetics, evolutionary theory, ecology, taxonomy and mycology. Laboratory work is a component of this course. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H4120	Credit	1 unit Science

ECOLOGY (11, 12) This class will focus on the scientific study of relationships and interactions of plants and animals. Students will learn to use science notebooks and field investigation techniques to explore the outdoor world of ecology. This class is for you if you enjoy learning about nature! Major class projects include: grass sod plots, leaf collection, and indoor/outdoor garden. The first semester focuses on plant and animal life in Missouri using curriculum materials from the Department of Conservation. Required projects include a leaf collection and gardening. The second semester focuses on the human systems, wellness and disease. Outdoor activity is required as part of the class. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Biology or Principles of Biology
Course Number	H4125	Credit	1 unit Science

ASTRONOMY (10, 11, 12) This course is designed as a one semester introductory course. Activities are designed to motivate a student to engage in outdoor observations. The use of a telescopic instrument is widely encouraged. We will study unmanned and manned exploration of space. Computer animation and software are used whenever possible to reinforce and stimulate learning and sometimes "just for the fun of it." Students will plan and construct a telescope. ****NCAA approved course.**

Course Type	2 nd Semester Course	Prerequisite	Physical Science and Geometry
Course Number	H4130	Credit	0.5 unit Science

HUMAN ANATOMY/PHYSIOLOGY (11, 12) Why do you need a pancreas? Could you live if you did not have a scaphoid bone? What does a cat's stomach look like? What does it feel like to hold a real human heart or a real human brain? What does a rat's integument look and feel like? Enroll in Human Anatomy/Physiology and learn the answers to these questions. You will learn the major anatomical areas of the human body, the major bones and muscles as well as the major internal organs and their functions. Our annual field trip to St. Louis University to participate in the human dissection is always very popular. Be prepared for some very challenging reading material. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Biology
Course Number	H4140	Credit	1 unit Science

ZOOLOGY (11, 12) This course is designed to study the animal kingdom. The course deals with invertebrate and vertebrate animals. Invertebrate and vertebrate anatomy and physiology are studied through dissections and associated lab work. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Biology
Course Number	H4160	Credit	1 unit Science

EARTH SCIENCE (11, 12) This course will emphasize water quality studies and Meteorology. Students will learn how to forecast the weather. Students will use instruments to forecast weather. You will also look at natural disasters and determine what can be done to minimize death and damage. You will also monitor a stream and determine the water quality. We will look at the biotic and abiotic factors of a local stream to determine the health of the stream and what could be done to improve the stream. Lab based activities related to the course material will give a hands on approach to Earth Science. ****NCAA approved course.**

Course Type	1 st Semester Course	Prerequisite	Physical Science and Biology
Course Number	H4170	Credit	0.5 unit Science

GENERAL CHEMISTRY (9, 10, 11, 12) This course is the study of the physical and chemical properties of matter. This course is an extension of Physical Science. You will learn the language of chemistry as you name compounds and balance chemical equations. Classroom concepts are applied with physical and chemical reaction in the laboratory. Laboratory safety, skills, and practices will be stressed. Your mathematical skills will be applied throughout this course as the properties of matter are developed. Chemistry lays the basis for further scientific studies in high school and college. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I, Geometry, Physical Science
Course Number	H4190	Credit	1 unit Science

PRE AP CHEMISTRY (9, 10, 11, 12) This is a first year chemistry course designed to meet the needs of the student who plans on continuing on in AP Chemistry or eventually taking a college chemistry class. It is a course that requires a great deal of abstract thinking, visualization in three dimensions, and the use of logic and critical thinking skills. The goal of Pre AP Chemistry is to provide students with a foundation to understand the structure and properties of chemical substances and to make predictions in regards to the movement of energy in a system. This course is designed to give you the background and skills to prepare you for more advanced science classes, such as AP Chemistry, AP Physics, and/or Advanced Biology. By nature, this course will conduct lab experiments with special emphasis on quantitative and qualitative methods of analysis. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	Algebra I, Geometry, Physical Science
Course Number	H4195	Credit	1 unit Science

ADVANCED BIOLOGY (10, 11, 12) This course is a dual enrollment class for 5 college credit hours through Jefferson College. This class will study a general view of topics in Biology. Some topics are: Cell Biology, Genetics, Classification, Evolution, Phyla of Organisms, and Ecology. ****NCAA approved course. **To be eligible for Jefferson College credit, students must have at least a 2.5 cumulative GPA, be either a junior or a senior, and score at least 18 on the Reading portion of the ACT or at least 85 on the Reading portion of the ACCUPLACER***

Course Type	Full Year Weighted Course	Prerequisite	Physical Science and Biology
Course Number	H4200	Credit	1 unit Science

AP PHYSICS 1 (10, 11, 12) Learn how human activities are applications of the Laws of Nature. Perform laboratory activities which reinforce aforementioned basic principles. Proper laboratory skills a necessity. Students are encouraged to take the AP exam. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	Algebra II
Course Number	H4205	Credit	1 unit Science

AP PHYSICS 2 (11, 12) The curriculum and expectations are equivalent to a second semester of Physics at the college level. Students will keep a detailed lab notebook and will be encouraged to take the AP Exam. Topics covered will include: Electrostatics, Electricity flow and Circuits, Fluid Mechanics, Thermodynamics, Magnetism, Optics, Electromagnetic Waves, and Modern Physics. ****NCAA approved course.**

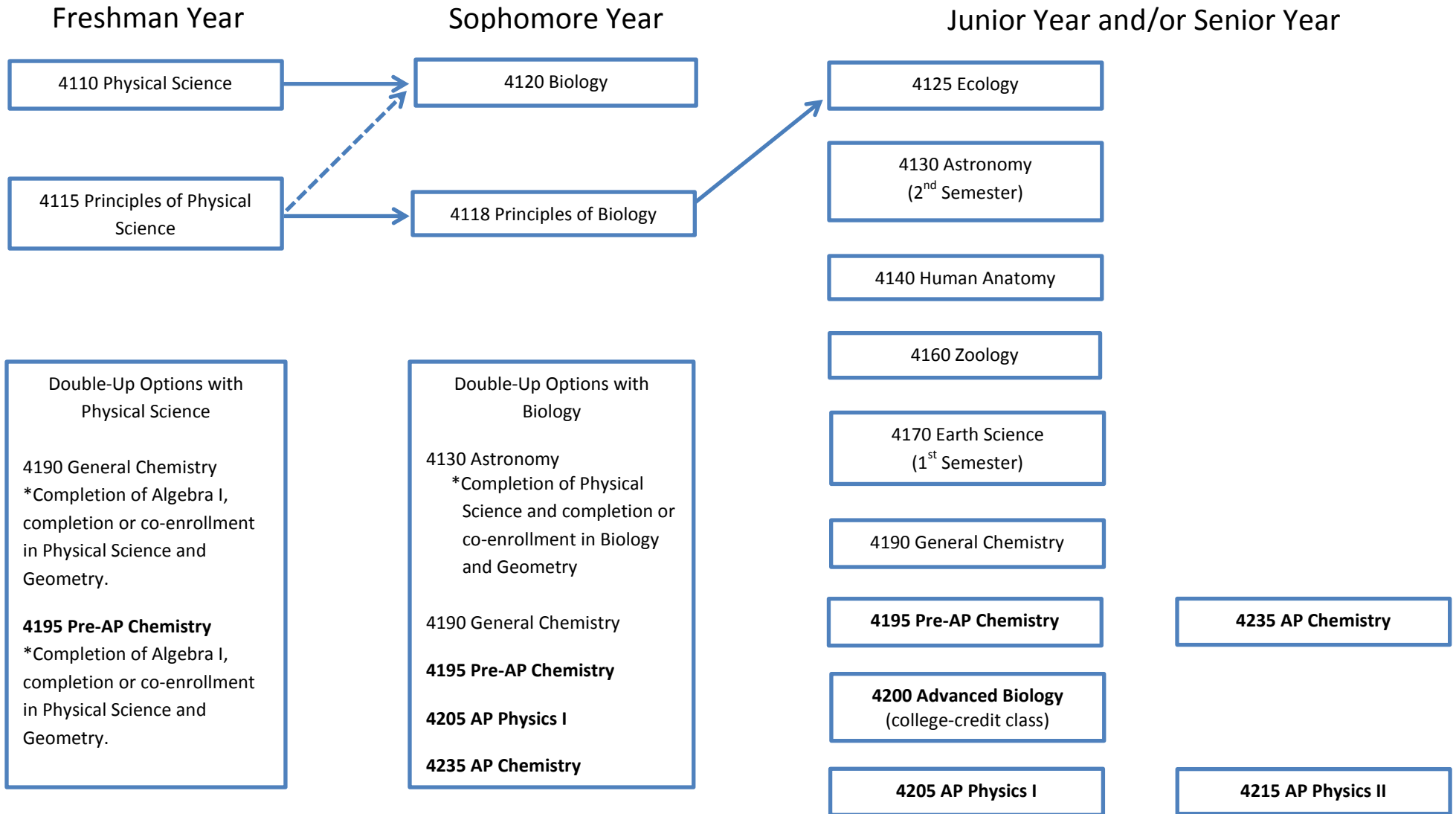
Course Type	Full Year Weighted Course	Prerequisite	AP Physics I
Course Number	H4215	Credit	1 unit Science

AP CHEMISTRY (10, 11, 12) The curriculum and expectations are equivalent to a college level general chemistry course. Students are required to keep a detailed laboratory notebook and encouraged to take the AP exam. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	Pre AP Chemistry, Algebra II
Course Number	H4235	Credit	1 unit Science

Science Department Flow Chart

(need 3 science credits to graduate, **bolded** subjects are weighted)



Foreign Language



FULL YEAR COURSES

Spanish I
Spanish II
Spanish III
Spanish IV
French I
French II
French III
French IV

SPANISH I (9, 10, 11) This course is an introduction to the Spanish language. Emphasis will be placed on listening, speaking, reading, and writing basic Spanish. The main objective of this course is to become familiar with vocabulary, introductory phrases, complete sentences, grammatical forms, and understanding. Also included will be information about Spanish-speaking countries to give students a better understanding of their culture and history. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H5110	Credit	1 unit Elective

SPANISH II (10, 11, 12) This course is a continuation of Spanish I. The student advances to a higher degree of fluency in listening, speaking, reading comprehension, and writing basic paragraphs in Spanish. Further cultural information will also be studied. *If a student chooses to enroll in Spanish II and made a C+ or lower in Spanish I, he/she will be required to attend tutoring before or after school or during Tiger Time for the 1st quarter. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	70%+ Spanish I
Course Number	H5120	Credit	1 unit Elective

SPANISH III (11, 12) This course is a continuation of the skills learned in the first two years of study with emphasis on communicative presentation and reading longer passages. The basic principles of grammar are reviewed and more advanced structures are added. Because this is a weighted class, students should expect to be challenged. *If a student chooses to enroll in Spanish III and made a C+ or lower in Spanish II, he/she will be required to attend tutoring before or after school or during Tiger Time for the 1st quarter. ****NCAA approved course. *To be eligible for University of Missouri-St. Louis college credit, students must have at least a 2.5 cumulative GPA.**

Course Type	Full Year Weighted Course	Prerequisite	70%+ Spanish II
Course Number	H5130	Credit	1 unit Elective

SPANISH IV (12) Students will be guided to maintain conversations about real situations. The students will read novels about historic events and important leaders of the Hispanic countries to stress culture. Because this is a weighed class, student should expect to be challenged. The students will learn different forms of writing styles. If a student chooses to enroll in Spanish IV and made a C+ or lower in Spanish III, he/she will be required to attend tutoring before or after school or during Tiger time for the 1st quarter. ****NCAA approved course. *To be eligible for University of Missouri-St. Louis college credit, students must have at least a 2.5 cumulative GPA.**

Course Type	Full Year Weighted Course	Prerequisite	70%+ Spanish III
Course Number	H5140	Credit	1 unit Elective

FRENCH I (9, 10, 11) This course is an introduction to basic French reading, writing, speaking and listening comprehension. In addition, students will be introduced to French-speaking cultures around the world. This class is recommended for students who are college-bound or have a special interest in languages. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H5210	Credit	1 unit Elective

FRENCH II (9, 10, 11, 12) This course builds on the basic skills introduced in French I. Students will cover French-speaking cultures more in depth. This course is recommended for students who are college-bound or who have a special interest in language. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	70%+ French I
Course Number	H5220	Credit	1 unit Elective

FRENCH III (10, 11, 12) This is a weighted course recommended for students who have a special interest in language and are college bound. French III is an advanced study of the French language and cultures. Higher-level grammar structures will be learned. Writing and reading will be emphasized. Because this is a weighted class, students should expect to be challenged and to speak French in class. ****NCAA approved course. *To be eligible for University of Missouri-St. Louis college credit, students must have at least a 2.5 cumulative GPA.**

Course Type	Full Year Weighted Course	Prerequisite	70%+ French II
Course Number	H5230	Credit	1 unit Elective

FRENCH IV (11, 12) This is a weighted course recommended for students who have a special interest in language and are college bound. French IV continues the development of skills acquired in the first three years of French study. Because this is a weighted class, students should expect to be challenged and to speak French in class. ****NCAA approved course. *To be eligible for University of Missouri-St. Louis college credit, students must have at least a 2.5 cumulative GPA.**

Course Type	Full Year Weighted Course	Prerequisite	70%+ French III
Course Number	H5240	Credit	1 unit Elective

FINE ARTS



FULL YEAR COURSES

Introduction To Art
Men's Choir
Women's Choir
Mixed Choir
Concert Choir
Concert Band
Jazz Band

SEMESTER COURSES

First Semester

Drawing
3D Design
Pottery I
Beginning Guitar
Marching Band

Second Semester

Painting
Pottery I
Pottery II
Beginning Guitar
Freshman Band
Symphonic Band
Band Percussion
Music Theory

INTRODUCTION TO ART (9, 10, 11, 12) In this introductory art course, students are introduced to the principles and elements of design with an emphasis on drawing and exploring different media such as pencil, colored pencil, charcoal, watercolor, tempera paint and string art.			
Course Type	Full Year Course	Prerequisite	None
Course Number	H6110	Credit	1 unit Fine Art
DRAWING (10, 11, 12) Drawing skills will be developed using a variety of techniques and media such as pencil, charcoal, oil pastels, chalk and pen and ink. This class emphasizes a variety of drawing techniques used to refine drawing ability from direct observation as well as from pictures and the imagination.			
Course Type	1 st Semester Course	Prerequisite	70%+ Introduction to Art
Course Number	H6120	Credit	0.5 unit Fine Art
PAINTING (10, 11, 12) Students will explore a variety of media, tempera, watercolor and acrylic paint, as well many different techniques. Students will also study the work of a wide variety of artists and are encouraged to discover their own individual painting style.			
Course Type	2 nd Semester Course	Prerequisite	70%+ Introduction to Art
Course Number	H6130	Credit	0.5 unit Fine Art
THREE DIMENSIONAL DESIGN (10, 11, 12) Using the Elements and Principles of Design learned in Intro to Art, students will apply these concepts previously used to create 2- dimensional works and begin creating 3- dimensional works of art. Students will become acquainted with several techniques such as using molds, additive/subtractive sculpture, relief sculpture, and basket weaving.			
Course Type	1 st Semester Course	Prerequisite	70%+ Introduction to Art
Course Number	H6140	Credit	0.5 unit Fine Art
POTTERY I (10, 11, 12) Students will learn the history of ceramics and basic hand building techniques used to develop a wide variety of both functional and decorative objects. They will also explore a variety of glazes and be introduced to the potter's wheel.			
Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H6150	Credit	0.5 unit Fine Art
POTTERY II (10, 11, 12) This course will build upon the skills learned in Pottery I. Students will expand their skills by working on more complex thought provoking pieces. They will fine tune their hand building techniques and get more experience on the potter's wheel. Emphasis will be on surface decoration, craftsmanship, and functional forms.			
Course Type	2 nd Semester Course	Prerequisite	70%+ Pottery I
Course Number	H6160	Credit	0.5 unit Fine Art
MUSIC THEORY (9, 10, 11, 12) Thinking about making a career in music or interested in learning how music is actually constructed? You will learn how chords and scales are related, how to build and use numerous types of chords, and how chords relate to each other in real music. Ear-training and advanced rhythm reading will be included as well. Finally, we will take time to listen to the great music of all ages.			
Course Type	2 nd Semester Course	Prerequisite	2 years Ensemble Experience or Teacher Approval
Course Number	H6210	Credit	0.5 unit Fine Art

BEGINNING GUITAR (9, 10, 11, 12) Have you always wanted to learn how to play the guitar? This class is designed to teach you the basics of playing the acoustic folk guitar. You will learn to play basic chords and melody lines from staff notation. Do be aware that we will use folk songs (not current rock and roll) as the basis for the class. Acoustic guitars are provided, however, you are allowed to bring your own instrument. Electric guitars, however, are not acceptable.

Course Type	1 st or 2 nd Semester Course	Prerequisite	Minimal previous guitar experience
Course Number	H6220	Credit	0.5 unit Fine Art

MEN'S CHOIR (9, 10, 11, 12) This course is primarily geared toward underclassmen and other less experienced singers. We will develop the mechanics of your singing voice and your musically artistry. We will also develop your sight-singing skills so that you can enjoy a lifetime of singing! Performances may not occur every semester; however attendance at concerts is required. There is no audition for this course.

Course Type	Full Year Course	Prerequisite	None
Course Number	H6240	Credit	1 unit Fine Art

WOMEN'S CHOIR (9, 10, 11, 12) Enjoy singing? Would you like to become a better singer? Share that experience with others and have a great time doing it? This class is primarily geared toward underclassmen and other less experienced singers. We will develop the mechanics of your singing voice and your musically artistry. We will also develop your sight-singing skills so that you can enjoy a lifetime of singing! Performances may not occur every semester; however attendance at concerts is required. There is no audition for this course.

Course Type	Full Year Course	Prerequisite	None
Course Number	H6250	Credit	1 unit Fine Art

MIXED CHOIR (9, 10, 11, 12) This is a "pre-Concert Choir" ensemble. Students in this group, while not as advanced as they will become, will generally have stronger singing skills. Freshman should sign up for this course only with the previous approval of their middle school choir director. This choir will travel and compete as opportunities provide.

Course Type	Full Year Course	Prerequisite	Audition or Teacher Approval
Course Number	H6255	Credit	1 unit Fine Art

CONCERT CHOIR (9, 10, 11, 12) This is the top choral performance group at Festus High School. These singers are expected to perform at a high level at all times. They are expected to learn and perform extremely challenging literature in a short amount of time. They travel to competitions (often out of state).

Course Type	Full Year Course	Prerequisite	Audition or Teacher Approval
Course Number	H6260	Credit	1 unit Fine Art

MARCHING BAND (9, 10, 11, 12) The course is required for freshmen band students, and 10-12 membership on approval. The Marching Tigers are a high-powered, energetic, visible organization. You can expect to rehearse and perform with over 120 other players at home football games, local parades and possible competitions around the state. As a performance ensemble, attendance at all performances is required.

Course Type	1 st Semester	Prerequisite	Previous Band Experience
Course Number	H6290	Credit	Director Approval 0.5 unit Fine Art

SYMPHONIC BAND (10, 11, 12) This upper-level band of mostly juniors and seniors performs more advanced literature, with greater emphasis on technique and musicianship. In the spring, this band goes to contest and travels to a music festival, sometimes out-of-state. As a performance ensemble, attendance at all performances is required.

Course Type	2 nd Semester	Prerequisite	Previous Band Experience
Course Number	H6300	Credit	Director Approval 0.5 unit Fine Art

CONCERT BAND (10, 11, 12) This course allows 10th-12th band members to continue playing concert music during first semester if not in marching band. Advanced musicians may enroll to play a secondary instrument. This band also attends contest in the spring, and travels to a musical festival. As a performance ensemble, attendance at all performances is required.

Course Type	Full Year Course	Prerequisite	Previous Band Experience Director Approval
Course Number	H6310	Credit	1 unit Fine Art

FRESHMAN BAND (9) This ensemble is designed to help students continue their musical experience, and make the transition to high school performance levels successful and rewarding. This band also attends contest in the spring, and travels to a musical festival. As a performance ensemble, attendance at all performances is required.

Course Type	2 nd Semester Course	Prerequisite	Previous Band Experience Director Approval
Course Number	H6315	Credit	0.5 unit Fine Art

JAZZ BAND (9, 10, 11, 12) This small standard-sized jazz band is made up of the best instrumental players in the school, and plays everything from swing to funk to Latin to rock type songs. To be in jazz band, you must also be enrolled in freshmen, concert, symphonic or marching band. Students must attend ALL performances including concerts, ball games, festivals, and community events.

Course Type	Full Year or Semester Course	Prerequisite	Previous Band Experience Director Approval
Course Number	H6320	Credit	1 unit or 0.5 unit Fine Art

BAND PERCUSSION (9, 10, 11, 12) This ensemble is designed to help percussionists continue their band experience with greater emphasis on percussion technique and musicianship and will join with the other 2nd semester bands to perform more advanced literature. In the spring, this ensemble will go to contests and travel to music festivals with other bands, sometimes out-of-state. As a performance ensemble, attendance at all performances is required.

Course Type	2 nd Semester Course	Prerequisite	Previous Band Experience Director Approval
Course Number	H6325	Credit	0.5 unit Fine Art

PRACTICAL ARTS



FULL YEAR COURSES

Accounting
Industrial Technology
Intro to Engineering Design

SEMESTER COURSES

First Semester

Personal Financial Management
Computer Applications I
Introduction to Computer Science
Law and Justice
Multimedia
Web Design
Graphic Arts/Desktop Publishing
Marketing I
Nutrition Now
Parenting
Interior Design
Drafting
Power Technology
Paralegal Studies
Computer Applications II

Second Semester

Personal Financial Management
Computer Applications II
Multimedia
Paralegal Studies
Introduction to Computer Science
Graphic Arts/Desktop Publishing
Interior Design
Business Management
Food Preparation
Child Development
Technical Drawing
Architectural Drawing
Electricity/Electronics
Computer Applications I

PERSONAL FINANCIAL MANAGEMENT (10, 11, 12) Students, as consumers, spend, save, and try to budget. Good decisions can save you money; however, bad ones can be expensive! Purchases of cars, homes, investments and insurance are in your future. Therefore, you need to be informed about financial responsibility today and prepare for choices that lie ahead. The course topics include: (1) The Dangers of Debt; (2) Credit; (3) Budgeting and Banking; (4) Saving and Investing; (5) Insurance; (6) Mortgages and Renting, etc. Discover the decision process that professionals use and start making better decisions right away. Let this course help you become a first-generation millionaire! ***This course is required for graduation for all students and fulfills the Personal Finance graduation requirement.**

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7010	Credit	0.5 unit Personal Finance

COMPUTER APPLICATIONS I (9, 10, 11, 12) Students use business application software including word processing, spreadsheet design, and presentation software. This course utilizes both Microsoft and Google software. Students learn how to effectively use the Internet and perform project-based activities in a lab setting.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7020	Credit	0.5 unit Practical Art

COMPUTER APPLICATIONS II (9, 10, 11, 12) This course is a continuation of Computer Applications I integrating advanced word processing, spreadsheet, database, and presentation software. Other areas explored will include desktop publishing, Internet etiquette, communication, and organizational skills. This is a project-based course in a computer lab setting. ***FREE College credit (CIS 125 – Computer Concepts Applications) through Jefferson College is awarded for successful completion of this course with a grade of B or higher. Student must enroll in an Associate of Applied Science program or a Career and Technical Education Certificate program at Jefferson College within 24 months of HS graduation in order to be awarded the college credit.**

Course Type	1 st or 2 nd Semester Course	Prerequisite	70%+ Computer Applications I
Course Number	H7025	Credit	0.5 unit Practical Art

INTRODUCTION TO COMPUTER SCIENCE (10, 11, 12) Students work in teams to create apps for mobile devices using MIT App Inventor in this introductory course. They explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. In addition, students transfer the understanding of programming gained in App Inventor to text-based programming in Python and apply their knowledge to create algorithms for games of chance and strategy. Student teams create Android interfaces to solve problems the team defines. Students learn fundamental computer science (CS) concepts using MIT App Inventor. Students develop computational thinking and career awareness about computing skills in all fields.

Course Type	1 st or 2 nd Semester Course	Prerequisite	70%+ Algebra I
Course Number	H7060	Credit	0.5 unit Practical Art

BUSINESS MANAGEMENT (11, 12) Students develop an understanding of the skills and resources needed to manage a business. Students are introduced to the steps in starting and managing a business and running it successfully, a general overview of American business, forms of business ownership, personnel management, labor-management relations, public and human relations, taxation, and government regulations. Specific topics include marketing, advertising and professionally managing a business. This is an excellent college preparatory course for business-oriented students.

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H7100	Credit	0.5 unit Practical Art

LAW AND JUSTICE (10, 11, 12) Why do you need to know the law? You need to know the law because it is all around us and will impact our lives at some point. As you identify the need for laws, you will develop an appreciation of the rights, duties, and obligations of individuals as citizens and consumers. Criminal and civil law are introduced, including: trial procedures, jury selection, felonies, misdemeanors, torts, negligence, and damages. Laws governing minors at home, at school, and on the job are covered; also introduced are laws for adults and the family regarding marriage, wills, divorce, death, employment, and contracts. Class discussions of current legal topics and case analysis will be a primary method of learning. This course is an excellent source for personal law-related topics, but also is a great introduction for a student that is considering studying law or business at the university level.

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H7120	Credit	0.5 unit Practical Art

MULTIMEDIA (10, 11, 12) Students work with multimedia software to develop electronic presentations. Students will learn how to manipulate text, art and graphics, photography, animation, audio, and video using various media formats. Basic image editing and graphics creation will be utilized as well. Students will work individually and in groups in this course; participation and attendance are critical for success. Time management skills and meeting deadlines is a critical component of this course.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7140	Credit	0.5 unit Practical Art

WEB DESIGN (10, 11, 12) Working in a digital lab setting, students use computers, digital cameras, and industry-standard software to design and develop Web pages with an emphasis on design elements involving layout, navigation, and interactivity. Students will combine text images, sound, and interactivity to create a variety of Web pages and interactive games. This course provides hands-on experiences for creating Web pages and Web sites. Students keep a portfolio of their work. This is an excellent career preparatory course for computer-oriented students. Students must have basic keyboarding knowledge.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7150	Credit	0.5 unit Practical Art

GRAPHIC ARTS/DESKTOP PUBLISHING (10, 11, 12) Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, and newsletters. As the course progresses, students will utilize advanced graphic arts/desktop publishing software to increase their production efficiency and involve creativity and quality of business documents and publications. An electronic portfolio component is used as a summative assessment to highlight the graphic arts/desktop publishing concepts mastered. This is an excellent career preparatory course for computer-oriented students.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7170	Credit	0.5 unit Practical Art

MARKETING I (10, 11, 12) Students are introduced to functions involved in the marketing of goods, services, and ideas. Units of study include risk management, selling, promotion, pricing, purchasing, marketing information management, product/service planning, distribution, and financing. Instructional strategies may include a school-based enterprise, computer/technology applications as well as real and-or simulated occupational experiences and projects in the marketing functions such as those available through DECA (the association for marketing students) program of activities.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7175	Credit	0.5 unit Practical Art

ACCOUNTING I (10, 11, 12) This course is essential for anyone planning a college major in business or an immediate career in the business world. Students learn the core components of double-entry accounting through an automated approach on computers of financial accounting and ethics. Students learn the accounting cycle for sole proprietors and corporations with an emphasis on evaluating financial information from an investing and managerial perspective. Students completing Accounting are equipped with the skills necessary to analyze economic decisions in an ethical manner across any industry or profession. ****FREE College credit (BUS 107 - Bookkeeping) through Jefferson College is awarded for successful completion of this course with a grade of B or higher. Student must enroll in an Associate of Applied Science program or a Career and Technical Education Certificate program at Jefferson College within 24 months of HS graduation in order to be awarded the college credit.***

Course Type	Full Year Course	Prerequisite	None
Course Number	H7190	Credit	1 unit Practical Art

PARALEGAL STUDIES (10, 11, 12) Like the law? Ever thought about a career in the legal profession? Set your sights on a career in an exciting and in-demand profession such as Paralegalism! The course will include the role of the paralegal in the legal system, the regulation and ethics of practice and the skills necessary for successful practice. The course provides a special emphasis on the responsibilities of the paralegal, and how they are an integral part of any successful legal team. Students will learn the core skills required of paralegals, including verbal and written communication, critical thinking and analytical reasoning, and investigation and case management. The course also addresses the ethical obligations of paralegals. Students will gain practical experience with legal writing by preparing sample briefs and motions. This course is an excellent source for any student interested in a career as a paralegal, but also is a great introduction for a student that is considering studying law at the university level.

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H7195	Credit	0.5 unit Practical Art

FOOD PREPARATION (11, 12) Basic cooking skills and nutrition concepts are studied and practiced in this course. Nutrition topics are incorporated into meal planning; emphasizing healthy, realistic ways to balance use of convenience foods and home-made foods.

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H7230	Credit	0.5 unit Practical Art

NUTRITION NOW (11, 12) This course examines the relationship between the science of nutrition, health, and well-being. Current nutrition research and findings, the media, text materials, and other resources will help students understand the life-long impact of healthy eating habits.

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H7240	Credit	0.5 unit Practical Art

PARENTING (11, 12) This course is designed to encourage students to consider all aspects of parenting including the rewards and responsibilities. Studies range from the decision to parent, to prenatal care and development, to providing a safe and nurturing environment that will stimulate physical, emotional, social and cognitive growth of a child.

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H7260	Credit	0.5 unit Practical Art

CHILD DEVELOPMENT (11, 12) Students in this hands-on course will plan, prepare and implement activities for preschool children enrolled in "Little Tiger Pre-School." Student groups, under the direction of the instructor, will plan and supervise activities which enhance the physical, emotional, social, and cognitive areas of development of the preschool aged children.

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H7270	Credit	0.5 unit Practical Art

INTERIOR DESIGN (9, 10, 11, 12) This course is an introduction to the field of interior design. Topics of functional and aesthetic elements for residential interiors are covered. Emphasis is placed on: housing needs and decisions, principles and elements of design, and the selection and organization of furnishings, floor and wall coverings, window treatments, lighting, and accessories as well as home maintenance. We will explore the history of interior design including residential design and furniture periods. This course is designed to acquaint individuals with the necessary criteria to evaluate and analyze interior design and furniture styles. Students will focus on the skills used by interior design professionals including the use of architectural tools and symbols, space planning, and client-designer relationships. Career opportunities and work environment will also be discussed.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H7295	Credit	0.5 unit Practical Art

INDUSTRIAL TECHNOLOGY (9, 10, 11) This course is designed for the beginning student with little or no prior experience. The course begins with several basic drafting activities in which students will develop an understanding of the basic tools and principles used to generate single views, and multi-view drawings with dimensions. These skills will then be used to develop project plans, procedures, and bill of materials for project work. Students will also develop both basic wood and metal working skills, which will be demonstrated in project form. Safety rules and procedures will be covered and stressed throughout the course.

Course Type	Full Year Course	Prerequisite	None
Course Number	H7300	Credit	1 unit Practical Art

INTRO TO ENGINEERING DESIGN (10, 11, 12) This course is designed to enhance a student's awareness of the technologies, and technical careers that may become a part of or have a great influence upon their daily lives. The course begins with several drafting activities in which students will develop technical communication skills that will be used throughout the remainder of the course. During the rest of the course students will rotate in and out of the modulated Tech Lab and related problem solving activities. While in the Tech Lab students will have an opportunity to select from a variety of learning modules; Auto CAD, 4-Stroke Engines, Lasers, Robotics, Building Construction, CNC Milling, 3D - Studio, Mechanisms, Electronics, Pneumatics, and Flight Simulation. They will also be involved in a number of technology problem solving activities; bridge building, manufacturing, mousetrap cars, etc....

Course Type	Full Year Course	Prerequisite	None
Course Number	H7325	Credit	1 unit Practical Art

DRAFTING (10, 11, 12) This course is designed for students who are interested in engineering, surveying, design, and trade related careers. Its primary purpose is to allow students to develop an understanding of and an ability to interpret drawings and diagrams that are used throughout the technical world to communicate information. The course is divided into several sections covering a wide variety of learning experiences in the area of technical communication such as; technical sketching, technical geometry, projection drawings, (multi-view, sectional, and auxiliary views), dimensioning, and computer aided drafting.

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H7330	Credit	0.5 unit Practical Art

TECHNICAL DRAWING (10, 11, 12) This course is a continuation of Drafting, which allows students to pursue a greater in-depth study of the methods used to communicate technically in the industrial world. Topics that will be covered include: descriptive geometry, pattern developments, pictorial drawings, threads and metal fasteners, and working drawings. Throughout the semester students will; be assigned drawing problems from each of the above areas, use Auto CAD as a drafting tool, and will be involved in several problem solving activities.

Course Type	2 nd Semester Course	Prerequisite	70%+ Drafting
Course Number	H7350	Credit	0.5 unit Practical Art

ARCHITECTURAL DRAWING (10, 11, 12) This course is designed for those students who are interested in pursuing a career in the building trades, interior designing, architectural designing, and drafting fields. The intention of this course is to acquaint students with the problems, and procedures involved in the planning and construction of residential structures. Topics to be covered include; individual room planning, design concepts, construction techniques, using Auto CAD as an architectural tool, career opportunities, and the interpretation and reading of architectural plans. Each of the above areas will be applied as students design and draw a set of plans for a residential structure.

Course Type	2 nd Semester Course	Prerequisite	70%+ Drafting
Course Number	H7360	Credit	0.5 unit Practical Art





POWER TECHNOLOGY (10, 11, 12) This course is designed for students who are interested in engineering, design, and the mechanics trade. The focus of the course is to allow students to develop an understanding of mechanical energy systems, alternative energy sources, and the fundamental operation of internal combustion engines. The course is divided into several sections which will allow students to use their understanding of energy and power to design, construct, and test several different energy related projects such as; all terrain mousetrap vehicle, electric cars, etc...

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H7390	Credit	0.5 unit Practical Art

ELECTRICITY/ELECTRONICS (10, 11, 12) This course is designed for those students who are interested in engineering, building trades, mechanics, telecommunications, robotics, and the maintenance and service industries. The primary purpose of the course is to provide students with the opportunity to learn the theories, and applications of electricity and electronics. Topics to be covered include; DC and AC circuitry, schematic diagrams, electrical components, tools and test equipment, electrical calculations and quantities, electric motors, and residential wiring.

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H7400	Credit	0.5 unit Practical Art

Business, Marketing, and Information Technology Course Sequence (2017-18)

FRESHMEN		SOPHOMORES	
Computer Applications I (H7020))		Computer Applications I (H7020))	
			
Computer Applications II (H7025)		Computer Applications II (H7025)	
		Personal Financial Management (H7010)	
		Accounting (H7190)	
		Graphic Arts/Desktop Publishing (H7170)	
		Intro. to Computer Science (H7060)	
		Law and Justice (H7120)	
		Paralegal Studies (H7195)	
		Web Design (H7150)	
		Multimedia (H7140)	
JUNIORS		SENIORS	
Computer Applications I (H7020))		Computer Applications I (H7020))	
			
Computer Applications II (H7025)		Computer Applications II (H7025)	
Personal Financial Management (H7010)		Personal Financial Management (H7010)	
Accounting (H7190)		Accounting (H7190)	
Business Management (H7100)		Business Management (H7100)	
Graphic Arts/Desktop Publishing (H7170)		Graphic Arts/Desktop Publishing (H7170)	
Intro. to Computer Science (H7060)		Intro. to Computer Science (H7060)	
Law and Justice (H7120)		Law and Justice (H7120)	
Marketing I (H7175)		Marketing I (H7175)	
Multimedia (H7140)		Multimedia (H7140)	
Paralegal Studies (H7195)		Paralegal Studies (H7195)	
Web Design (H7150)		Web Design (H7150)	

Industrial Technology Flow Chart

(Freshman/Sophomore/Junior)



Industrial Technology

(Sophomore/Junior/Senior)



Drafting



Technical Drawing



Architectural Drawing



Intro to Engineering Design



Electricity/Electronics



Power Technology

Physical Education



FULL YEAR COURSES

Men's PE II
Women's PE II
Fitness & Conditioning
Aerobic/Walking Fitness
Team Sports
Zero Hour Lifting for Sport

SEMESTER COURSES

First Semester
Lifetime Health
Men's PE I
Women's PE I

Second Semester
Lifetime Health
Men's PE I
Women's PE I

LIFETIME HEALTH (9) This course will encourage students to recognize the impact that their lifestyle choices make now and in the future. The physical, mental, and social aspects of health are emphasized in relation to the importance of maintaining healthy body systems. Current health issues such as substance abuse, eating disorders, stress management, reproduction, pregnancy, abstinence, first aid, CPR, personal fitness, and nutrition and supplements will be discussed.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H8000	Credit	0.5 unit Health

MEN'S PHYSICAL EDUCATION I (9) The main objective of the physical education department is to provide an opportunity for students to develop physically, mentally, socially and intellectually through physical activity. Students are offered a wide variety of individual, team, coed, and lifetime activities. While all students are required to take some physical fitness units, students are also given an opportunity to select activities based on their individual needs. All students will be expected to demonstrate a positive attitude toward class, other students and all instructors. Students may only enroll in one PE class per semester.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H8100	Credit	0.5 unit Physical Education

MEN'S PHYSICAL EDUCATION II (10) The main objective of the physical education department is to provide an opportunity for students to develop physically, mentally, socially and intellectually through physical activity. Students are offered a wide variety of individual, team, coed, and lifetime activities. While all students are required to take some physical fitness units, students are also given an opportunity to select activities based on their individual needs. All students will be expected to demonstrate a positive attitude toward class, other students and all instructors. This course may also be taken for a semester. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	Men's PE I
Course Number	H8110	Credit	1 unit Physical Education

WOMEN'S PHYSICAL EDUCATION I (9) The main objective of the physical education department is to provide an opportunity for students to develop physically, mentally, socially and intellectually through physical activity. Students are offered a wide variety of individual, team, coed, and lifetime activities. While all students are required to take some physical fitness units, students are also given an opportunity to select activities based on their individual needs. All students will be expected to demonstrate a positive attitude toward class, other students and all instructors. Students may only enroll in one PE class per semester.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H8150	Credit	0.5 unit Physical Education

WOMEN'S PHYSICAL EDUCATION II (10) The main objective of the physical education department is to provide an opportunity for students to develop physically, mentally, socially and intellectually through physical activity. Students are offered a wide variety of individual, team, coed, and lifetime activities. While all students are required to take some physical fitness units, students are also given an opportunity to select activities based on their individual needs. All students will be expected to demonstrate a positive attitude toward class, other students and all instructors. Course may also be taken for a semester. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	Women's PE I
Course Number	H8160	Credit	1 unit Physical Education

FITNESS & CONDITIONING (10, 11, 12) This course is designed to improve overall athletic performance. You will receive a high intensity workout. Running and plyometrics will be the main focus of the course along with information on improving nutritional intake to enhance performance. All students will be expected to demonstrate a positive attitude toward class, other students, and all instructors. Course may also be taken for a semester. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	PE I
Course Number	H8185	Credit	1 unit Physical Education

AEROBIC/WALKING FITNESS (10, 11, 12) This course is designed for students interested in improving their personal level of fitness through walking or aerobic movement. Students will learn how walking or aerobic movement can improve cardiorespiratory fitness, prevent disease, and reduce stress. They will also learn about the relationship between good nutritional habits, health habits and exercise. Students will assess their current fitness levels, create a plan for increasing their fitness, participate in goal setting and reassess fitness levels several times throughout the course. Course may be taken for a semester. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	PE I
Course Number	H8215	Credit	1 unit Physical Education

TEAM SPORTS (11, 12) This course is designed for students to continue to develop and improve the skills and knowledge necessary to participate successfully in a variety of team sports. Students are expected to learn more advanced skills and strategies and demonstrate them in game situations. Team Sports that may be included are: basketball, flag football, floor hockey, lacrosse, soccer, softball, ultimate Frisbee, cage ball, team handball, dodge ball. Course may be taken for a semester. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	PE I
Course Number	H8220	Credit	1 unit Physical Education

ZERO HOUR LIFTING FOR SPORT (10, 11, 12) This class has been developed with the athlete in mind. The class will start before the regular school day and go from 6:30-8:27 a.m. No transportation is provided. Physical Education Department behavior and attendance expectations, discipline procedures and grading processes will be used. The class will focus on athletic development. This time will be utilized as an opportunity for student athletes to receive more attention and instruction on developing into a better athlete. Each day students will perform a warm up, followed by core training, speed and agility work-which will include change of direction training, and plyometric training. Students will then do a workout in the weight room that will include power lifts and Olympic lifts. There will be opportunity for coaches/athletes to invest time in sport specific auxiliary training during this part of the workout. Students will finish the workout with stretching exercises and flexibility training. Students may only enroll in one PE class per semester.

Course Type	Full Year Course	Prerequisite	Instructor approval
Course Number	H8225	Credit	1 unit Physical Education

Electives



FULL YEAR COURSES

AP US Government & Politics
AP Psychology
Library Practice
Elementary School Cadet Teaching
Intermediate School Cadet Teaching
Middle School Cadet Teaching
Online Magazine Production
Yearbook Journalism
Office Assistant

SEMESTER COURSES

First Semester

Films as Literature
Intro To Theater
Public Speaking
ACT Prep
Creative Writing
General Psychology
Introduction To Sociology
World Religions
Students As Tutors/Mentors
Transitions I
Transitions II
Transitions III
Online Magazine Production
Yearbook Journalism

Second Semester

Films as Literature
Public Speaking
Advanced Speech & Theater
ACT Prep
Creative Writing
Contemporary Issues
General Psychology
Introduction to Sociology
Students As Tutors/Mentors
Transitions I
Transitions II
Transitions III
Online Magazine Production
Yearbook Journalism

FILMS AS LITERATURE (11, 12) Students in this course will write using strategies such as analysis, illustration, classification, and comparison and contrast as they analyze films and film techniques in a manner similar to the way that we analyze other literary forms. Students are expected to view films actively. Daily note taking, class discussion, essay writing, and oral presentations are requirements.

Course Type	2 nd Semester Course	Prerequisite	9 th and 10 th grade English
Course Number	H1195	Credit	0.5 unit Elective

INTRO TO THEATER (10, 11, 12) Students will learn about the history of the theater and periods of western drama. Students will learn the basics of stage positions and areas, and the projection of believable characters. Students will also learn the technical aspects of theater, building a set, and producing a play.

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H1235	Credit	0.5 unit Elective

PUBLIC SPEAKING (10, 11, 12) Students will learn the skills of effective oral communication in both daily living and in special public speaking situations. Students will work individually and in groups to develop skills in discussion, presentation, and persuasion. Students will participate in weekly speaking assignments in the areas of informative, special event, debate, and persuasive speaking.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H1240	Credit	0.5 unit Elective

ADVANCED SPEECH & THEATER (11, 12) Students will continue to improve speaking and listening skills while engaging in and learning about modern drama, advanced acting techniques, script and speech writing, and theater production design.

Course Type	2 nd Semester Course	Prerequisite	Intro to Theater or Public Speaking
Course Number	H1245	Credit	0.5 unit Elective

ACT PREP (10, 11, 12) The ACT Prep course is designed to prepare students for taking the ACT college entrance test. Students review English, mathematics, reading, and science reasoning skills. Students learn and apply strategies to improve ACT scores. During the course, students will take multiple practice tests. Students are also required to take the actual ACT exam during the semester in which they are enrolled. Critical-thinking/problem-solving exercises are also included in this course.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H1280	Credit	0.5 unit Elective

CREATIVE WRITING (10, 11, 12) This is an elective course intended to be taken in addition to a core English course. Creative Writing is an advanced writing course giving students the opportunity to further develop their talent in the areas of personal essay, fiction, poetry, and drama. Students will explore numerous types of genres as they work through the writing process and will be expected to identify their strengths and weaknesses as a writer. ****NCAA approved course.**

Course Type	1 st or 2 nd Semester Course	Prerequisite	One Language Arts Credit
Course Number	H1276	Credit	0.5 unit Elective

CONTEMPORARY ISSUES (11, 12) Recent history and current events are the emphasis of this course, but it is also a study of world culture, economics, government, geography, religion, and politics. Students read a newsmagazine regularly and report on contemporary topics. They also will watch a variety of T.V. news programs and discuss and analyze them in class. Watching and reading the daily news is mandatory homework. ****NCAA approved course.**

Course Type	2 nd Semester Course	Prerequisite	None
Course Number	H2140	Credit	0.5 unit Elective

GENERAL PSYCHOLOGY (11, 12) This course is a survey of human behavior and mental processes. Human development and its effect on learning, thinking, personality, and social relationships are examined. Topics include brain function and development, sleep and dreams, sensation and perception, learning and memory, theories of development, language and cognition, research methods, emotion, mental illness, and therapy. ****NCAA approved course.**

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H2160	Credit	0.5 unit Elective

AP PSYCHOLOGY (12) This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	None
Course Number	H2162	Credit	1 unit Elective

INTRODUCTION TO SOCIOLOGY (11, 12) This course offers a study of human relationships in society. It uses the sociological point of view to examine culture, social structure, the individual in society, social institutions, and social inequality. The changing social world and its implications are presented and analyzed. Topics discussed include the development of culture, deviance and crime, poverty, the role and race and gender in society, family and marriage, religion, and how to conduct Sociological research. ****NCAA approved course.**

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H2170	Credit	0.5 unit Elective

WORLD RELIGIONS (11, 12) This course investigates the history and beliefs of the world's major religions and the role religion plays in today's society. Students will research and learn about Christianity, Buddhism, Hinduism, Judaism, Islam, and other smaller, localized religions. Students will participate in group discussion, individual research projects, and movie reviews. ****NCAA approved course.**

Course Type	1 st Semester Course	Prerequisite	None
Course Number	H2180	Credit	0.5 unit Elective

AP US GOVERNMENT & POLITICS (12) This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. This course is designed to prepare students for intermediate and advanced college courses by making demands upon them equivalent to those made by semester-long introductory college courses. An integral part of this course includes analysis and interpretation of basic data relevant to U.S. government and politics, and the development of connections and application of relevant theories and concepts. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	None
Course Number	H2192	Credit	1 unit Elective

STUDENTS AS TUTORS/MENTORS (11, 12) This course is a service-learning program designed to aid at-risk students. Each junior and senior applying will be expected to commit to serving as a tutor/mentor developing their interpersonal skills and caring behaviors, while modeling positive learning attitudes for other students. Training for the program will be done in the first sessions of the class. This class fulfills a requirement for the A+ Program

Course Type	1 st or 2 nd Semester Course	Prerequisite	Previous Enrollment in A+ Schools Program
Course Number	H9100	Credit	0.5 unit Elective

TRANSITIONS I (9) This course is a course that focuses on developing skills which insure a successful transition to high school. Students will get help with organization, study skills, and vocabulary. This course is for those students that had academic difficulty their eighth grade year.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H9120	Credit	0.5 unit Elective

TRANSITIONS II (10) This course is for those students that had academic difficulty their ninth grade year. Students will have the opportunity to improve organization and study skills as well as receive individual tutoring.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H9125	Credit	0.5 unit Elective

TRANSITIONS III (11) This course is for those students that had academic difficulty their tenth grade year. Students will have the opportunity to improve organization and study skills as well as receive individual tutoring.

Course Type	1 st or 2 nd Semester Course	Prerequisite	None
Course Number	H9127	Credit	0.5 unit Elective

LIBRARY PRACTICE (11, 12). Students will study the techniques of the Library Media Center (LMC.) Emphasis will be upon use of all resources available in the LMC. Semester projects, weekly assignments and daily participation will be used in the evaluation process. This is limited in the number of openings available each school year.

Course Type	Full Year Course	Prerequisite	Selected by Librarian
Course Number	H9130	Credit	1 unit Elective

ELEMENTARY SCHOOL CADET TEACHING (12) A history of outstanding attendance and of a solid GPA is required. Cadets serve as a teaching assistant. Cadets will model ideal behavior, develop and teach lesson plans, and tutor.

Course Type	Full Year Course	Prerequisite	Application
Course Number	H9140	Credit	1 unit Elective

INTERMEDIATE SCHOOL CADET TEACHING (12) A history of outstanding attendance and of a solid GPA is required. Cadets serve as a teaching assistant. Cadets will model ideal behavior, develop and teach lesson plans, and tutor.

Course Type	Full Year Course	Prerequisite	Application
Course Number	H9142	Credit	1 unit Elective

MIDDLE SCHOOL CADET TEACHING (12) A history of outstanding attendance and of a solid GPA is required. Cadets serve as a teaching assistant. Cadets will model ideal behavior, develop and teach lesson plans, and tutor.

Course Type	Full Year Course	Prerequisite	Application
Course Number	H9145	Credit	1 unit Elective

BROADCASTING (9, 10, 11, 12) Provide students with information on the origin, operation, organization, history and philosophy of broadcasting in the United States and the world as well as provide practical applications/experiences in Broadcasting.

Course Type	Semester or Full Year Course	Prerequisite	Instructor Approval
Course Number	H9149	Credit	0.5 or 1 unit Elective

ONLINE MAGAZINE PRODUCTION (9, 10, 11, 12) This course will acquaint the student with the methods, techniques and procedures of magazine publication including development, production, and posting online. Students interested in photography and creative writing will especially benefit from the class. Students will develop story ideas, magazine content, and shoot photos for publication. Class discussion will include magazine preparation, production, organization, structure, and operation. At the conclusion of the class, each student will have participated in the total development and production of an online magazine that is published at www.festushighschoolmedia.com. Students will learn various production programs, including Photoshop, InDesign, and Wordpress. Such skills will help improve a student's career readiness. Students will also develop interpersonal skills through the real-world processes built into the class.

Course Type	Semester or Full Year Course	Prerequisite	Instructor Approval
Course Number	H9151	Credit	0.5 or 1 unit Elective

YEARBOOK JOURNALISM (9, 10, 11, 12) Students will learn the foundations of yearbook journalism. This course will introduce the process of creating the school yearbook and will introduce journalistic skills such as feature writing, photography, graphic design, advertising, and much more. Students interested in being on the yearbook staff must take this course. This is a demanding course that requires a considerable amount of time commitment on the student's part.

Course Type	Semester or Full Year Course	Prerequisite	Instructor Approval
Course Number	H9156	Credit	0.5 or 1 unit Elective

TIGER TIME (9, 10, 11, 12) Student Enrichment and Intervention Time. Students will utilize this course for academic remediation, tutoring, and assistance. Faculty members will provide student enrichment and interventions during Tiger Time. All building facilities will be used for enrichment purposes. ALL students will be enrolled in this class.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9160	Credit	None

ADVISORY (9, 10, 11, 12) Students will meet with their Advisor once a week to discuss academic progress, career planning, study skills, etc.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9162	Credit	None

OFFICE ASSISTANT (12) Students will assist the office staff. Near perfect attendance is required to be considered for this class.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9165	Credit	None

SPECIAL SERVICES – Curriculum based classes in **Basic English, Basic Math, Basic Social Studies, Study Skills, Basic Personal Finance, Daily Living, Careers,** and **Work Experience** to meet the individualized educational needs of those students with identified specific learning needs. Meet with your counselor if you have questions regarding special service classes.

MISSOURI OPTIONS PROGRAM – If you need information about this program, see your counselor.