

Festus High School

MISSION STATEMENT

We exist to partner with parents and the 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.

We practice accountability when...

- 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 an Individual Career and Academic Plan 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.

2024-2025 HIGH SCHOOL COUNSELING STAFF

Jennifer Kline: Counselor (Last Names A-D)
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Festus R-VI High School

Dr. Nicki Ruess
Superintendent

Mr. Jonathan T. Earnhart
Assistant Superintendent

Dr. Denise Funston
Assistant Superintendent

Dr. Karl Shiningier
Principal

Mr. Joel Roth
Assistant Principal

Mrs. Tammy VanEtten
Assistant Principal

Mr. Jason Therrell
Assistant Principal/Activities & Athletics Director

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.

Throughout the school year, Festus High School students will be able to participate in College and Career opportunities to help students in finding a career interest. Our advisors will also 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. Karl Shiningier, Principal

Festus High School

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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 College Board. 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 football and marching band must meet the following two 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. Incoming 9th graders are automatically eligible for fall sports/activities as long as they have a full schedule.

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, University of Missouri – St. Louis, Missouri State University, Drury University, and Saint Louis University 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. These courses would be completed either at that institution or online. 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 the 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 on a 12-level scale with a 1/3 point difference between grade levels then averaged to determine GPA: A = 4 points; A- = 3.667; B+ = 3.333; B = 3 points; B- = 2.667; C+ = 2.333; C = 2 points; C- = 1.667; D+ = 1.333; D = 1 point; D- = 0.667; F = 0 points. Weighted courses' letter grades will be given an additional point added to the above mentioned values.

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. The school must have verbal or written permission of the student or the student's 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 US 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
World Language*****	2
Fine Arts	1
Practical Arts	0.5
Personal Finance	0.5
Physical Education	1.5
Health	0.5
Electives*****	6
TOTAL	27

*Advanced 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/Advanced Geometry, and Algebra II/Advanced Algebra II are required. The fourth unit must be Survey of College Math, College Algebra, AP Statistics or Precalculus.

****Physical Science and Biology are required. The third and fourth units must be from the following: General Chemistry, Honors Chemistry, AP Chemistry, AP Physics I, AP Physics II, Anatomy & Physiology, or AP Biology.

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

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

Cum Laude Recognition

In order to be recognized in the Cum Laude system at graduation, you **must** earn one of the following cumulative GPAs:

- Summa Cum Laude 4.000 and above
- Magna Cum Laude 3.667-3.999
- Cum Laude 3.500-3.666

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 two years prior to graduation.
- Graduate Festus High School 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).
- Attendance appeals will NOT be accepted after the student's Graduation date.
- 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 Amanda Esparza, A+ Coordinator,
at 636/937-5944 (esparzaamanda@festusedu.com)

Opportunities To Earn College Credit

College Dual Credit Courses - See next page for more information.

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. A minimum test score from an approved placement exam may be required.
3. Sophomores with a minimum 3.0 cumulative GPA are eligible with permission from their counselor/principal and their parent/guardian.
4. Freshmen are not eligible for dual credit.

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, Science, and Fine Arts. 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.

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: Advanced ELA III, AP English Literature & Composition, Spanish III, Spanish IV, French III, French IV, Survey of College Math, College Algebra, Precalculus, AP Statistics, AP Calculus AB, AP US History, AP Psychology, AP Biology, Honors Chemistry, AP Chemistry, AP Physics I, AP Physics II, Anatomy and Physiology, AP Computer Science Principles, AP Art, and AP Music Theory.

**Festus High School Dual Credit Course Offerings
2024-2025**

FHS Course	Instructor	College or University	College Course	Course Numbers	Credit Hours+	Registration Dates*	24-25 cost*#
AP Biology	Dr. Maddux	Jeffco	General Biology	BIO 101	5	Early Sept	\$75/hr
AP Calculus AB	Mrs. Harms	Jeffco	Calculus	MTH 180	5	Early Sept	\$75/hr
AP English Lit & Comp	Mrs. Eckert	Jeffco	Eng Comp I Eng Comp II	ENG 101 ENG 102	3 3	Early Sept Early Feb	\$75/hr
AP US History	Mr. Craft	Jeffco	US History I US History II	HST 103 HST 104	3 3	Early Sept Early Feb	\$75/hr
Survey of College Math	Mrs. Naeger	Jeffco	Survey of College Mathematics	MTH 131	3	Early Sept	\$75/hr
College Algebra	Mrs. Harms	Jeffco	College Algebra	MTH 134	3	Early Sept	\$75/hr
Precalculus	Mr. Noce	Jeffco	Precalculus	MTH 141	5	Early Sept	\$75/hr
Exploring the Field of Education	Mr. Gurnow	Jeffco	Exploring the Field of Education	EDU 105	1	Early Sept	\$75/hr
Human Anatomy/ Physiology	Dr. Maddux	UMSL	Human Anatomy and Physiology	BIOL 1131	4	Early Sept	\$72/hr
AP Statistics	Mr. Noce	UMSL	Intro to Prob & Statistics	MATH 1320	3	Late January	\$72/hr
French III	Dr. Koehnemann	UMSL	French Lang & Culture I	FRENCH 1001	5	Early Sept	\$72/hr
French IV	Dr. Koehnemann	UMSL	French Lang & Culture III	FRENCH 1002, 2101	5 3	Early Sept Early Feb	\$72/hr
Spanish III	Mrs. Bauman	UMSL	Spanish Lang & Culture I	SPANISH 1001	5	Early Sept	\$72/hr
Spanish IV	Mrs. Fernandez	UMSL	Spanish Lang & Culture II	SPANISH 1002	5	Early Sept	\$72/hr
Personal Finance	Mr. Kinder	Missouri State	Personal Finance	FIN 150	3	Mid Sept/ Early Feb	\$70/hr

AP Chemistry	Mr. Bidlack	Saint Louis University	Gen Chem 1	CHEM 1110	3	Mid Sept	\$75/hr
			Gen Chem Lab 1	CHEM 1115	1	Early Feb	
			Gen Chem 2	CHEM 1120	3		
			Gen Chem Lab 2	CHEM 1125	1		

+All credits are for taking the class for a full school year with the exception of Personal Finance, AP Chemistry, French IV, AP English Lit and Comp, and AP US History.

*Registration dates and tuition cost are subject to change.

#Financial Aid opportunities: [Missouri State University Dual Credit Scholarship](#) for Personal Finance & MO Dual Credit/Enrollment Scholarship for all other [Dual Credit Classes](#) if you qualify. Information about the MO Dual Credit/Dual Enrollment Scholarship can be found on page 11.

DUAL CREDIT / DUAL ENROLLMENT SCHOLARSHIP

DUAL CREDIT:

College coursework taught by a high school instructor for both high school and college credit

DUAL ENROLLMENT:

College coursework taught by college faculty for college credit and possibly for high school credit

ELIGIBILITY

- Be a U.S. citizen or permanent resident and a Missouri resident.
- Enroll in eligible dual credit/dual enrollment classes through an approved college or university. Most public and private non-profit Missouri institutions are approved.
- Have a minimum 2.5 unweighted cumulative grade point average and have otherwise met the high school's requirements for taking dual credit or dual enrollment coursework (standardized test score, etc.)
- Meet one or more of the following indicators of financial need:
 - Immediate family eligible for free and reduced lunch
 - Living in a foster home
 - Ward of the state
 - Homeless as defined by the McKinney-Vento Homeless Assistance Act
 - Immediate family receiving low income public assistance (SNAP, WIC, etc.)
 - Living in federally subsidized public housing

For more information visit Dual Credit / Dual Enrollment - For Students (<https://dhewd.mo.gov/ppc/grants/dcdeforstudents.htm>).

OVERVIEW

High school students may be eligible to receive a scholarship that covers the tuition and fees for their dual credit or dual enrollment courses.

SCHOLARSHIP PROCESS

1 APPLICATION:

- The electronic application is available through the Missouri State Financial Aid Portal at <https://web.dhewd.mo.gov/studentportal/>.
- Students must submit a high school transcript to show proof of GPA as well as other supporting documents for proof of eligibility. Students will upload these documents while completing the application.
- Students will provide the number of classes taken from each of their dual credit or dual enrollment providers.

2 EVALUATION AND AWARD NOTIFICATION:

- MDHEWD will review the applications and rank them by earliest application received date. If funding is insufficient to award all eligible applicants awards will be made by earliest application received date. Any applications that cannot be funded will be in an Unfunded status.
- MDHEWD will use the email address provided on the application to notify students if their application is:
 - Awarded
 - Incomplete
 - Ineligible
 - Unfunded

3 ELIGIBILITY VERIFICATION

- The names of awarded students will be sent to the appropriate dual credit/dual enrollment provider(s) for final eligibility verification and the enrollment and cost information needed to calculate the award.

4 AWARD AMOUNTS:

- Semester award amounts are based on the actual tuition and fees charged for the dual credit or dual enrollment coursework after all non-loan aid, such as a dual credit or dual enrollment scholarship from a postsecondary institution or third party, is applied. As a result, awards will vary by student, depending on the number of hours of dual credit/dual enrollment coursework the student is enrolled in and the per credit hour tuition rate charged. Awards for a single student may also vary by semester, again depending on the student's enrollment and tuition rate(s) charged. Students taking dual credit or dual enrollment courses from more than one approved college or university can receive the scholarship at each one.

QUESTIONS? Email dcde@dhewd.mo.gov

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 your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
 - 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 a minimum 2.3 GPA in your core courses.

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>, contact Mr. Jason Therrell (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 970 (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/>, contact Mr. Jason Therrell (Activities/Athletic Director) or contact your sport's coach.

Initial-Eligibility Standards

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before your freshman year of high school. For more information on registration, visit on.ncaa.com/RegChecklist.

Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

Division I

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

GRADE
9
REGISTER

- » If you haven't yet, **register** for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/counselist to ensure you're taking the right courses, and earn the best grades possible!

GRADE
10
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE
11
STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE
12
GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

4 x 4 = 16

9th GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

10th GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

11th GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES

12th GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or other

4 CORE COURSES



CONTACT THE NCAA ELIGIBILITY CENTER
U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time



[@ncaaec](https://twitter.com/ncaaec) [@ncaaec](https://www.youtube.com/channel/UCncaaec) [@ncaaec](https://www.facebook.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports)

PLAYNAIA

High School Student Checklist



Complete this checklist to get in the game!

Find more information at
www.playnaia.org/freshmen



1

Register and submit a complete profile at PlayNAIA.org as early as your junior year. You might qualify for an early decision if you have an elevated GPA, check our [website](#) for more information..

Make sure to **opt-in to texting** for up-to-date alerts.

2

Ask Your Counselor to Send Your High School Transcript through their 'High School Portal' for same-day delivery.

For other delivery methods, visit our [website](#).

3

Request Your ACT or SAT Score to be sent directly from the testing agency using our code, **9876**. Test scores cannot be taken from your high school transcript.

4

Log Into Your To Do List Regularly for updates. Your final status will be posted on your profile 3-5 business days after all required records are received.

5

If You Have Questions email us at ECInfo@naia.org or call (816) 595-8300. We're here to help you!



Meet Two of These Requirements

1. Minimum high school GPA of a 2.0 or higher.
2. Minimum ACT or SAT score.
3. Graduate in the top half of your high school class.

Requirements differ for students with a GED, home schooling, and/or who took time off after high school graduation (excluding summer).

Learn more at
www.PlayNAIA.org/Eligibility-Center

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 into 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 (12th grade only)
Biomedical Sciences I & II
Building Repair Technology
Culinary Arts
Digital Media Technology
Early Childhood and Elementary Education I & II
Emergency Medical Technician (12th grade only)
Fire Science Technology (12th grade only)
Health Services I & II
Heating, Refrigeration and Air Conditioning Technology (HVAC)
Metal Fabrication
Precision Machining Technology (12th grade only)
Residential Carpentry
Advanced Residential Carpentry
Welding Technology

Informational presentations are offered for students to learn more information about each program and ask questions. Brochures and applications are available in the Counseling Office and online at www.jeffco.edu/ats.

For more information on the Area Technical School, visit www.jeffco.edu/ats or contact Sarah Perry, *ATS Recruiter and Placement Representative*, at sperry1@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. The 16 Career Clusters are: Health Science; Arts, A/V Technology and Communications; Information Technology; Marketing, Sales and Service; Finance; Business, Management and Administration; Agriculture, Food and Natural Resources; Education and Training; Law, Public Safety, Corrections and Security; Government and Public Administration; Hospitality and Tourism; Human Services; Transportation, Distribution and Logistics; Manufacturing; Architecture and Construction; Science, Technology, Engineering and Mathematics.

On the next page, a picture representation of the Career Paths and the Career Clusters that fall into each path is provided. Following that are suggested sample individual career and academic plans for each career cluster. Festus High School courses are used in the suggested sample individual career and academic plans. 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

**Science, Technology,
Engineering and Mathematics**
Engineering and Technology
Science and Math

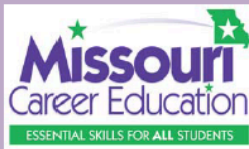
Architecture and Construction
Design and Pre-Construction
Construction
Maintenance and Operations

Health Science
Biotechnology Research
and Development
Therapeutic Services
Diagnostics Services
Health Informatics
Support Services

Health Services
Health Path

**Arts &
Communication**
Creative Path

**Arts, A/V Technology
and Communications**
Audio and Video Technology and Film
Printing Technology
Visual Arts
Performing Arts
Journalism and Broadcasting
Telecommunications



Department of Elementary and Secondary Education
Division of Career Education
P.O. Box 480
Jefferson City, MO 65102-0480
(873)761-2690

Manufacturing

Production
Manufacturing Production Process Development
Maintenance, Installation and Repair
Quality Assurance
Logistics and Inventory Control
Health, Safety and Environmental Assurance

**Transportation, Distribution
and Logistics**

Transportation Operations
Logistics, Planning and Management Services
Warehousing and Distribution Center Operations
Facility and Mobile Equipment Maintenance
Transportation Systems and Infrastructure
Planning, Management and Regulation
Health, Safety and Environmental
Management
Sales and Services

**Industrial &
Engineering
Technology**

Building &
Fixing Path

**Foundation
Knowledge & Skills**

Academic & Technical Skills
Teamwork Career Development
Information Technology Application
Problem Solving Critical Thinking
Employability Ethics Systems
Safety, Health & Environment
Legal Responsibilities
Communication

**Business,
Management &
Technology**

Business Path

Information Technology

Network Systems
Information Support and Services
Interactive Media
Programming and Software Development

Marketing, Sales and Service

Management and Entrepreneurship
Professional Sales and Marketing
Buying and Merchandising
Marketing Communications
and Promotion
Marketing Information Management
and Research
Distribution and Logistics
E-Marketing

Finance

Financial and
Investment Planning
Business Financial
Management
Banking and Related Services
Insurance Services

**Business, Management
and Administration**

Management
Business Financial Management
and Accounting
Human Resources
Business Analysis
Marketing and Communications
Administrative and Information

Human Services

Early Childhood Development and Services
Counseling and Mental Health Services
Family and Community Services
Personal Care Services
Consumer Services

Hospitality and Tourism

Restaurants and Food and
Beverage Services
Recreation, Amusement and Attractions
Travel and Tourism
Lodging

**Government and
Public Administration**

Public Management and Administration
Governance
National Security
Foreign Service
Planning
Revenue and Taxation
Regulation

**Law, Public Safety,
Corrections and Security**

Correction Services
Emergency and Fire Management Services
Security and Protective Services
Law Enforcement Services
Legal Services

Education and Training

Administration and
Administrative Support
Instructional Support Services
Teaching and Training

Human Services

Helping Path

**Natural Resources
Agriculture**

Nature Path

**Agriculture, Food and
Natural Resources**

Food Products and
Processing Systems
Plant Systems
Animal Systems
Power, Structural and
Technical Systems
Natural Resources and
Environmental Systems
Agribusiness Systems



Sample Individual Career and Academic Plans (Career Clusters)



Festus High School
Agriculture, Food & Natural Resources
Career Cluster Suggested Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Computer Applications I Engineering Essentials		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Industrial Technology Intro Engineering Design		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Industrial Math or Algebra II/ Advanced Algebra II or College Algebra Precalculus AP Statistics	Gen Chem Ecology	US Government	Personal Finance Principles of Engineering Food Preparation	Welding Technology Metal Fabrication Culinary Arts	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics Precalculus AP Calculus AB	Earth Science AP Biology	AP US History	Accounting Business Mgmt & Ent Computer Integrated Manf	Welding Technology Metal Fabrication Culinary Arts	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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P o s t s e c o n d a r y	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 Community College www.mcckc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Community College www.otc.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Columbia Area Career Center www.career-center.org</p> <p>Davis Hart Career Center www.mexicoschools.net</p> <p>Eldon Career Center www.eldoncareercenter.org</p> <p>Hannibal Career and Technical Center www.hannibal.tec.mo.us</p> <p>Kirksville Area Tech Center www.kirksville.k12.mo.us</p> <p>Moberly Area Tech Center www.moberly.k12.mo.us</p> <p>Ranken Tech College www.ranken.edu</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>A.T. Skill University of Health Sciences www.atsu.edu</p> <p>Avila University - www.avila.edu</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>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Hannibal-Lagrange College - www.hlg.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood University www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p> <p>MO Univ of Science & Technology www.mst.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.slu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbu.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>University of MO - www.missouri.edu</p> <p>University of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – St Louis - 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>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Petropolis Academy of Grooming & Training - www.petropolisacademy.com</p> <p>Midwest Institute www.midwestinstitute.com</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		
<p>Animal Caretakers, Animal Trainers, Vet Assistants</p> <p>Bakers</p> <p>Commercial Fishers</p> <p>Farm and Ranch Workers</p> <p>Farm Equipment Mechanics</p> <p>Farmers</p> <p>Food Processing Workers</p> <p>Log Graders and Scalers</p> <p>Loggers</p> <p>Meat Cutters</p> <p>Mining Machine Operators</p> <p>Nursery Workers</p> <p>Rock Splitters</p> <p>Trash Collectors</p> <p>Water Treatment Plant Operators</p>	<p>Fish and Game Wardens</p> <p>Forestry Technicians</p> <p>Precision Agriculture Technicians</p>	<p>Agricultural Engineers</p> <p>Agricultural Scientists</p> <p>Animal Scientists</p> <p>Conservation Scientists</p> <p>Farm and Home Management Advisors</p> <p>Food Scientists</p> <p>Foresters</p> <p>Park Naturalists</p> <p>Zoologists</p>	<p>Agricultural Sciences Teachers, Postsecondary</p> <p>Animal Scientists</p> <p>Farm and Home Management Advisors</p> <p>Veterinarians</p> <p>Zoologists and Wildlife Biologists</p>		



Festus High School
Architecture & Construction
Career Cluster Suggested Individual Career and Academic Plan
<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	
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Computer Applications I Industrial Technology Engineering Essentials		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE Introduction to Art World Language II Computer Applications II Carpentry		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Industrial Math or Algebra II/ Advanced Algebra II or Precalculus	Ecology Gen Chem AP Physics I	US Government	Personal Finance Drawing 3-D Design Intro Engineering Design	Residential Carpentry Building Repair Technology Welding Technology Metal Fabrication	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: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math AP Calculus AB	AP Physics I AP Physics II	AP US History	Web Design Pottery Principles of Engineering Computer Integrated Manf	Residential Carpentry Building Repair Technology HVAC Welding Technology Metal Fabrication	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S t S e c o n d a r y	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 Community College www.mcckc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Comm 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>Arcadia Valley Tech www.mineralarea.edu</p> <p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Clinton Tech School www.clinton.k12.mo.us</p> <p>Columbia Area Career Ctr - www.career-center.org</p> <p>Davis Hart Career www.mexicoschools.net</p> <p>Eldon Career Ctr - www.eldoncareercenter.org</p> <p>Franklin Tech- MSSU www.ftcjoplin.com</p> <p>Grand River Tech School - www.grts.org</p> <p>Hannibal Career and Technical Center www.hannibal.tec.mo.us</p> <p>Jefferson College ATS www.jeffco.edu</p> <p>Lake Career & Technical Center www.camdentonschools.org</p> <p>Lebanon Technology and Career Ctr www.lebanon.k12.mo.us</p> <p>Lex La-Ray Tech Ctr www.lexington.k12.mo.us</p> <p>Kirksville Area Tech www.kirksville.k12.mo.us</p> <p>Moberly Area Tech www.moberly.k12.mo.us</p> <p>Nichols Career Center - www.jcps.k12.mo.us</p> <p>Northland Career Ctr www.northlandcareercenter.com</p> <p>Northwest Tech - www.maryville.k12.mo.us</p> <p>Perryville Area Career/Tech Center www.perryville.k12.mo.us</p> <p>Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us</p> <p>Ranken Tech College - www.ranken.edu</p> <p>Rolla Tech Institute - www.rolla.k12.mo.us</p> <p>South Central Career Ctr - www.wphs.k12.mo.us</p> <p>Unitec Career Center - www.mineralarea.edu</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>Avila University - www.avila.edu</p> <p>Baptist Bible College www.baptist.edu</p> <p>Bryan College - www.bryancollege.ecom</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>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.edu</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Harris-Stowe State Univ - www.hssu.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>Missouri Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p>	<p>MO University of Science & Technology www.mst.edu</p> <p>Missouri Western State University www.missouriwestern.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>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State University 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 – Kansas City www.umkc.edu</p> <p>Univ of MO – St Louis - www.umsl.edu</p> <p>University of Phoenix - www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.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>	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-the-Job Training <p>Foley-Belsaw Institute www.foley-belsaw.com</p> <p>Colorado Technical University www.coloradotech.com</p> <p>DeVry University www.drury.edu</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>MERS/Missouri Goodwill Industries www.mersgoodwill.org</p> <p>Missouri Welding Institute www.nwi.ws</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		
<p>Bricklayers, Stonemasons and Cement Masons</p> <p>Cabinetmakers and Carpenters</p> <p>Drywall Finishers & Installers and Plasterers</p> <p>Electricians</p> <p>HVAC System Mechanics</p> <p>Operators</p> <p>Line Installers and Repairers, Plumbers, Pipefitters, Roofers, Sheet Metal & Structural Metal Workers</p> <p>Surveying and Mapping Technicians</p>	<p>Commercial Drivers</p> <p>Drafters</p> <p>Energy Auditors</p> <p>Interior Designers</p>	<p>Architects</p> <p>Construction Managers</p> <p>Cost Estimators</p> <p>Landscape Architects</p> <p>Surveyors</p>	<p>Architects, Excepts Landscape and Naval Architecture Teachers, Postsecondary</p> <p>Engineering Managers</p> <p>Engineering Teachers, Postsecondary</p> <p>Historians</p> <p>Operations Research Analysts</p> <p>Political Scientists</p> <p>Sociologists</p> <p>Sociology Teachers, Postsecondary</p>		



Festus High School
Arts, A/V Technology & Communications
Career Cluster Suggested Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art (Intro to Art) World Language I Mixed Choir Marching Band/9 th Band Marching Band		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Computer Apps I Intro To Theater Public Speaking Tenor/Bass Choir Treble Choir		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Industrial Math or Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Ecology Gen Chem	US Government	Personal Finance Beginning Piano Drawing Yearbook Journalism Adv Speech & Theater Tenor/Bass Choir Treble Choir Digital Media	Digital Media Technology	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics		AP US History	Concert Choir Concert Band Jazz Band Symphonic Band Web Design Digital Publishing AP Art	Digital Media 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"/> Skills USA <input type="checkbox"/> Other: _____						

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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 S&T – www.mst.edu	<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.mbts.edu</p> <p>Missouri Tech – www.motech.edu</p> <p>National American University www.national.edu</p>
	East Central College www.eastcentral.edu	Davis Hart Mexico Technical School www.mexicoschools.org	Bryan College - www.bryancollege.com	Missouri State Univ – West Plains www.wp.missouristate.edu	
	Jefferson College www.jeffco.edu	Eldon Career Center www.eldoncareercenter.org	Central Methodist University www.centralmethodist.edu	Missouri Valley College – www.moval.edu	
	Linn State Technical College www.linnstate.edu	Four Rivers Technical Center www.washington.k12.mo.us	College of the Ozarks - www.coto.edu	Missouri Western State University www.missouriwestern.edu	
	Metropolitan Comm College www.mcckc.edu	Franklin Tech - MSSU www.ftcjoplin.com	Columbia College - www.ccis.edu	Northwest Missouri State University www.nwmissouri.edu	
	Mineral Area College www.mineralarea.edu	Gibson Tech Ctr - www.wolves.k12.mo.us/gtc	Culver-Stockton College – www.culver.edu	Ozark Christian College – www.occ.edu	
	Moberly Area Comm College www.macc.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	DeVry University – www.devry.edu	Park University - www.park.edu	
	Ozarks Tech Comm College www.otc.edu	Herndon Career Center www.herndoncareercenter.com	Drury University - www.drury.edu	Patricia Stevens College www.patriciastevenscollege.edu	
	St. Charles Comm College www.stchas.edu	Jefferson College ATS www.jeffco.edu	Evangel University - www.evangel.edu	Rockhurst Univ - www.rockhurst.edu	
St Louis Community College www.stlcc.edu	Hillyard Tech Center - www.hillyardtech.com	Everest College www.everest-college.com	Saint Louis Univ - www.imagine.stu.edu		
State Fair Community College www.sfccmo.edu	Kirksville Area Technical Center www.kirksville.k12.mo.us	Hannibal-Lagrange College - www.hlg.edu	Sanford-Brown College www.sanford-browncollege.com		
Three Rivers Comm College www.trcc.edu	Lake Career and Technical Center www.camdentonschools.org	Harris-Stowe State Univ - www.hssu.edu	Setheast MO State Univ www.semo.edu		
	Lex La-Ray Tech Ctr - www.lexington.k12.mo.us	Hickey College www.hickeycollege.edu	Southwest Baptist Univ - www.sbuniv.edu		
	Moberly Area Tech Ctr - www.moberly.k12.mo.us	Lincoln University - www.lincolnu.edu	Stephens College - www.stephens.edu		
	Nichols Career Center - www.jcps.k12.mo.us	Lindenwood Univ - www.lindenwood.edu	Truman State Univ - www.truman.edu		
	Perryville Area Career/Technical Center www.mineralarea.edu	Maryville Univ of St. Louis www.maryville.edu	Univ of Central MO - www.ucmo.edu		
	Ranken Tech College - www.ranken.edu	Messenger College www.messengercollege.edu	Univ of MO – www.missouri.edu		
	Rolla Tech Institute - www.rolla.k12.mo.us	Missouri Baptist Univ - www.mobap.edu	Univ of MO – KC - www.umkc.edu		
	Waynesville Technical Academy www.waynesville.k12.mo.us	Missouri College www.missouricollege.com	Univ of MO – Rolla – www.umn.edu		
		MO Southern State Univ - www.mssu.edu	Univ of MO – St Louis - www.umsl.edu		
		Missouri State University www.missouristate.edu	Vatterott Coll - www.vatterott-college.edu		
			Washington Univ - www.wustl.edu		
			Webster Univ - www.websteruniv.edu		
			William Jewell College- www.jewell.edu		
			William Woods Univ www.williamwoods.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
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 Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World 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 Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance Marketing I Accounting		Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics			AP US History Web Design General Psychology Business Mgmt & Ent Marketing II Retailing/School Based Enterprise Supervised Marketing Experience		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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-the-Job Training
	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	
	Jefferson College www.jeffco.edu	Eldon Career Center - www.eldoncareercenter.org	Bryan College - www.bryancollege.com	Park University - www.park.edu	
	Metropolitan Community College www.mcckc.edu	Franklin Technology- MSSU www.ftcjoplin.com	Central Methodist University www.centralmethodist.edu	Patricia Stevens College www.patriciastevenscollege.edu	
	Mineral Area College www.mineralarea.edu	Grand River Technical School www.grts.org	College of the Ozarks - www.coto.edu	Rockhurst University - www.rockhurst.edu	
	Moberly Area Community College www.macc.edu	Hillyard Technical Center www.hillyardtech.com	Columbia College - www.ccis.edu	Saint Louis University www.imagine.stu.edu	
	North Central Missouri College www.ncmissouri.edu	Jefferson College ATS www.jeffco.edu	Culver-Stockton College - www.culver.edu	Sanford-Brown College www.sanford-browncollege.com	
	Ozarks Technical Comm College www.otc.edu	Kirksville Area Tech Center www.kirksville.k12.mo.us	DeVry University – www.devry.edu	Southeast MO State Univ - www.semo.edu	
	St. Charles Community College www.stchas.edu	Lex La-Ray Tech Center www.lexington.k12.mo.us	Drury University - www.drury.edu	Southwest Baptist Univ - www.sbuniv.edu	
St Louis Community College www.stlcc.edu	Moberly Area Tech Center www.moberly.k12.mo.us	Everest College - www.everest-college.com	Stephens College - www.stephens.edu		
State Fair Community College www.sfccmo.edu	Northwest Tech School - www.maryville.k12.mo.us	Hannibal-Lagrange College - www.hlq.edu	Truman State Univ - www.truman.edu		
Three Rivers Community College www.trcc.edu	Pike-Lincoln Tech Center www.pltc.k12.mo.us	Harris-Stowe State Univ - www.hssu.edu	Univ of Central MO - www.ucmo.edu		
	Ranken Tech College - www.ranken.edu	Hickey College - www.hickeycollege.edu	Univ of MO www.missouri.edu		
	Saline County Career Center www.marshallschools.com/sccc	Lincoln University - www.lincolnu.edu	Univ of MO – KC www.umkc.edu		
	Sikeston Career and Technology Center www.sikeston.k12.mo.us	Lindenwood Univ www.lindenwood.edu	Univ of MO – St Louis- www.umsl.edu		
		Maryville Univ of STL www.maryville.edu	Univ of Phoenix – www.phoenix.edu		
		Messenger College www.messengercollege.edu	Vatterott College www.vatterott-college.edu		
		Missouri Baptist Univ - www.mobap.edu	Washington Univ - www.wustl.edu		
		Missouri College www.missouricollege.com	Webster Univ - www.websteruniv.edu		
		Missouri S&T www.mst.edu	Westminster College www.westminster-mo.edu		
		MO Southern State Univ - www.mssu.edu	William Jewell College - www.jewell.edu		
		Missouri State University www.missouristate.edu	William Woods Univ www.williamwoods.edu		
		Missouri State University – West Plains www.wp.missouristate.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 Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Public Speaking Computer Applications II Sports & Social Studies		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance World Language III Students as Tutors/Mentor Child Development I Child Development II General Psychology	Early Childhood and Elementary Education	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics	Human Anatomy & Physiology	AP US History	World Language IV AP Psychology Introduction to Sociology Cadet Teaching Library as Practice Exploring the Field of Education AP Psychology	Early Childhood and Elementary Education	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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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 Cottey College - www.cottey.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.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.slconline.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 Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World 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: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or Precalculus AP Statistics	Gen Chem	US Government	Personal Finance World Language III Computer Applications II Accounting Marketing 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: _____
	12	ELA IV or AP English Lit & Comp	AP Statistics AP Calculus AB			AP US History	World Language IV Business Mgmt & Ent Marketing II Retailing/School Based Enterprise Supervised Marketing Experience	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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 Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm College www.otc.edu St Louis Community College www.stlcc.edu St. Charles Community College www.stchas.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu		Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu Columbia College - www.ccis.edu College of the Ozarks - www.coto.edu Culver-Stockon 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 Hannibal-Lagrange College www.hlq.edu Hickey College - www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville Univeristy of St. Louis www.maryville.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 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 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.umsi.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 Vatterott College www.vatterott-college.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		
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 Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World 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 Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance General Psychology Military History Accounting		Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics			AP US History	Digital Media Web Design Contemporary Issues World Religions Intro to Sociology AP Psychology	
Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____								

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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>Moberly Area Community College www.macc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Clinton Technical School www.ed2go.com/cts</p> <p>Franklin Technology – MSSU www.ftcjoplin.com</p> <p>Grand River Technical School www.grts.org</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Lex La-Ray Technical Center www.lexington.k12.mo.us</p> <p>Moberly Area Technical Center www.moberly.k12.mo.us</p> <p>Pike-Lincoln Technical Center http://pltc.k12.mo.us</p> <p>Saline County Career Center www.marshallschools.com/sccc</p> <p>Sikeston Career & Technology Center www.sikestone.k12.mo.us</p>	<p>Avila University www.avila.edu</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks www.cofo.edu</p> <p>Columbia College www.ccis.edu</p> <p>Culver-Stockton College www.culver.edu</p> <p>Drury University www.drury.edu</p> <p>Evangel University www.evangel.edu</p> <p>Everest College www.everest-college.edu</p> <p>Harris-Stowe State University www.hssu.edu</p> <p>Lincoln University www.lincolnu.edu</p> <p>Lindenwood University www.lindenwood.edu</p> <p>Maryville University of Saint Louis www.maryville.edu</p> <p>Missouri Baptist University www.mobap.edu</p> <p>Missouri 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.slu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbuniv.edu</p> <p>Stephens College www.stephens.edu</p> <p>Truman State University www.truman.edu</p> <p>University of Central Missouri www.ucmo.edu</p> <p>University of MO – Columbia www.missouri.edu</p> <p>University of Missouri – Kansas City www.umkc.edu</p> <p>University of MO – St Louis www.umsl.edu</p> <p>Washington University www.wustl.edu</p> <p>Webster University www.webster.edu</p>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>ITT Technical Institute www.itt-tech.edu</p> <p>Kansas City Art Institute www.kcai.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
	<p>Compliance Officers and Inspectors</p> <p>Government Benefits Interviewers</p> <p>Interpreters and Translators</p> <p>License Clerks</p> <p>Mail Carriers</p> <p>Meter Readers</p> <p>Postal Clerks</p>	<p>Assessors</p> <p>Eligibility Interviewers, Government Programs</p> <p>General, Operations and Transportation Managers</p> <p>Government Property Inspectors and Investigators</p> <p>Licensing Examiners and Inspectors</p> <p>Mapping Technicians</p> <p>Municipal and Court Clerks</p> <p>Postmasters and Mail Superintendents</p> <p>Surveying Technicians</p> <p>Tax Examiners, Collectors, and Revenue Agents</p> <p>Tax Preparers</p>	<p>Administrative Services Managers</p> <p>Broadcast News Analysts & Public Relations Specialists</p> <p>City and Regional Planning Aides</p> <p>Emergency Management Specialists</p> <p>Equal Opportunity Representatives and Officers</p> <p>Financial Examiners</p> <p>Legislators</p> <p>Reporters and Correspondents</p> <p>Social and Community Service Managers</p> <p>Storage and Distribution Managers</p> <p>Urban and Regional Planners</p>		<p>Architecture Teachers, Postsecondary</p> <p>Chief Executives</p> <p>Communications Teachers, Postsecondary</p> <p>Coroners</p> <p>Economists</p> <p>Engineering Managers</p> <p>Political Science Teachers, Postsecondary</p> <p>Political Scientists</p>



Festus High School
Health Sciences
Career Cluster Suggested Individual Career and Academic Plan
<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	
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology Honors Chem	US History	PE World 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 Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra Precalculus AP Statistics	Gen Chem Ecology AP Chemistry	US Government	Personal Finance World Language III Fitness & Conditioning Child Development I General Psychology	Health Services	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics AP Calculus AB	AP Biology Human Anatomy & Physiology AP Physics I	AP US History	World Language IV AP Psychology	Health Services 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"/> Skills USA <input type="checkbox"/> Other: _____								

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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 Comm College www.mcck.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Comm College www.macc.edu</p> <p>North Central MO College www.ncmissouri.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>Cass Career Center www.harrisonville.k12.mo.us</p> <p>Columbia Career Center www.career-center.org</p> <p>Four Rivers Technical Center www.washington.k12.mo.us</p> <p>Franklin Tech - MSSU www.ftcjoplin.com</p> <p>Grand River Tech School - www.grts.org</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Jefferson College ATS www.jeffco.edu</p> <p>Kennett Career and Technology Center www.kennett.k12.mo.us</p> <p>Lex La-Ray Tech Ctr - www.lexington.k12.mo.us</p> <p>Moberly Area Tech Center www.moberly.k12.mo.us</p> <p>Northland Career Center www.northlandcareercenter.com</p> <p>NW Tech School -www.maryville.k12.mo.us</p> <p>Poplar Bluff Schools - www.r1schools.org</p> <p>Sikeston Career and Technology Center www.sikeston.k12.mo.us</p> <p>South Central Career Center www.wphs.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>AT Skill University of Health Sciences www.atsu.edu</p> <p>Avila University - www.avila.edu</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>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Harris-Stowe State Univ -www.hssu.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ www.maryville.edu</p> <p>Missouri College www.missouricollege.com</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>MO Southern State Univ - www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – 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>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University - 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 -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 – STL- www.umsl.edu</p> <p>Univ of Phoenix – www.phoenix.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 University www.williamwoods.edu</p>	<p>Allied College - www.hightechinstitute.edu</p> <p>Barnes-Jewish College of Nursing & Allied Health - www.barnesjewishcollege.edu</p> <p>Cleveland Chiropractic College www.cleveland.edu</p> <p>Colorado Tech Univ www.coloradotech.com</p> <p>Cox Health - www.coxhealth.com</p> <p>Chamberlain College of Nursing www.chamberlain.edu</p> <p>Heritage Col-www.heritage-college.com</p> <p>Cox College of Nursing & Health Science www.coxcollege.edu</p> <p>Logan Coll of Chiropractic - www.logan.edu</p> <p>Lutheran School of Nursing www.nursingschoolimc.com</p> <p>Kansas City Univ of Med & Biosciences - www.kcumb.edu</p> <p>Research Med Ctr School of Nuclear www.researchmedicalcenter.com</p> <p>St John’s Reg Health Ctr -www.stjohns.com</p> <p>Saint Luke’s Col- www.saint-lukes.org</p> <p>St Louis College of Health Careers www.slchc.com</p> <p>St Louis Coll Pharmacy - www.stlcoop.edu</p> <p>Southeast MO Hospital Col of Nursing www.souteastmissourihospital.com</p> <p>Truman Med Ctr School - Nurse Anesthesia www.trumed.org</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		
<p>Dental Assistants</p> <p>Dental Laboratory Technicians</p> <p>Home Health Aides</p> <p>Medical Appliance Technicians</p> <p>Medical Assistants</p> <p>Medical Equipment Preparers</p> <p>Medical Secretaries</p> <p>Personal and Home Care Aides</p> <p>Pharmacy Aides</p> <p>Pharmacy Technicians</p> <p>Physical Therapist Aides</p> <p>Psychiatric Aides</p>	<p>Dental Hygienists</p> <p>Licensed Practical Nurses</p> <p>Medical Sonographers</p> <p>Medical Transcriptionists</p> <p>Nursing Assistants</p> <p>Registered Nurses</p> <p>Technicians: Emergency Medical, Health Information, Medical Laboratory, Veterinary</p> <p>Technologists: Cardiovascular, Radiologic, Surgical, Veterinary</p> <p>Therapists: Occupational Assistant, Physical Assistant, Radiation, Respiratory</p>	<p>Administrative Services Managers</p> <p>Athletic Trainers, Recreational Therapists</p> <p>Biomedical Engineers</p> <p>Computer Programmers</p> <p>Computer Software Engineers, Applications</p> <p>Dietitians, Health Educators</p> <p>Medical and Clinical Laboratory Technologists</p> <p>Medical Laboratory Technologists</p> <p>Occupational Health and Safety Specialists</p> <p>Orthotic and Prosthetic Specialists</p> <p>Public Relations Specialists</p> <p>Rehabilitation Counselors</p>	<p>Athletic Trainers, Physical and Occupational Therapists</p> <p>Biologists, Physicists, Hydrologists, Epidemiologists</p> <p>Clinical Psychologists and Mental Health Counselors</p> <p>Dietitians and Nutritionists</p> <p>Medical and Health Services Managers</p> <p>Medical Scientists, Except Epidemiologists</p> <p>Natural Sciences Mgrs, Zoologists and Wildlife Biologists</p> <p>Nurse Anesthetists and Physician Assistants</p> <p>Orthotics and Prosthetics</p> <p>Pharmacists</p> <p>Speech-Language Pathologists</p> <p>Veterinarians</p>		



Festus High School
Hospitality & Tourism
Career Cluster Suggested Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Public Speaking Food Preparation Housing & Interior Design		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance World Language III Business Mgmt & Ent Marketing I Accounting Contemporary Issues Digital Media Web Design	Culinary Arts	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics		AP US History	Intro to Sociology World Language IV World Religions Marketing II Retailing/School Based Enterprise Supervised Marketing Experience	Culinary Arts	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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S t S e c o n d a r y	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	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-the-Job Training <p>Kansas City Art Institute www.kcai.edu</p> <p>Lecole Culinaire www.lecoleculinarie.com</p> <p>Midwestern Baptist Theological Seminary – www.mbts.edu</p>
	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	
	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	
	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	
	Mineral Area College www.mineralarea.edu	Lebanon Technology Career Center www.lebanon.k12.mo.us	Culver-Stockton College www.culver.edu	Stephens College - www.stephens.edu	
	Ozarks Tech Community College www.otc.edu	Macon Area Vocational Tech School www.macon.k12.mo.us/vocational	Drury University - www.drury.edu	Truman State Univ - www.truman.edu	
	St Louis Community College www.stlcc.edu	Northland Career Center www.northlandcareercenter.com	Evangel University - www.evangel.edu	Univ of Central MO - www.ucmo.edu	
	Three Rivers Community College www.trcc.edu	Northwest Tech School - www.maryville.k12.mo.us	Lincoln University - www.lincolnu.edu	Univ of MO www.missouri.edu	
		Nevada Regional Technical Center www.nevada.k12.mo.us.us	Lindenwood Univ - www.lindenwood.edu	Univ of MO – KC www.umkc.edu	
	Pemiscot County Career & Tech Ctr South Central Career Center www.wphs.k12.mo.us	Missouri Baptist Univ - www.mobap.edu	Univ of MO – STL - www.umsl.edu		
	Waynesville Technical Academy www.waynesville.k12.mo.us	MO Southern State University www.mssu.edu	Washington Univ - www.wustl.edu		
		Missouri State University www.missouristate.edu	Webster Univ www.websteruniv.edu		
		Missouri Valley College www.moval.edu	Westminster College www.westminster-mo.edu		
		Missouri Western State University www.missouriwestern.edu	William Jewell College - www.jewell.edu		
		Northwest Missouri State University www.nwmissouri.edu	William Woods University www.williamwoods.edu		
		Park University - www.park.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	Animal Trainers	Interpreters and Translators	Farm and Home Management Advisors	
Bartenders	Casino Gaming Workers	Casino Gaming Workers	Meeting and Convention Planners		
Chefs and Dinner Cooks	Concierges	First-Line Supervisors/Managers of Housekeeping and	Recreation Workers		
Counter Attendants	Fast Food Cooks	Janitorial Workers	Set and Exhibit Designers		
Food Preparation Workers	Hotel Desk Clerks	Flight Attendants	Social and Community Service Managers		
Janitors and Cleaners		Food Service Managers			
Kitchen Helpers		Lodging Managers			
Maids and Housekeepers		Reservation and Transportation Ticket Agents and Travel Clerks			
Professional Athletes		Residential Advisors			
Recreation Attendants, Guides, and Workers		Self-Enrichment Education Teachers			
Reservation and Ticket Agents		Travel Agents			
Restaurant Hosts					
Tour Guides					
Umpires and Referees					
Waiters and Waitresses					



Festus High School
Human Services
Career Cluster Suggested Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World 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 Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance World Language III Food Preparation Accounting General Psychology	Early Childhood and Elementary Education	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics	Anatomy & Physiology	AP US History	Child Development I Child Development II AP Psychology Introduction to Sociology World Religions Exploring the Field of Education	Early Childhood and Elementary Education	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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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.neoshobeautycollege.com Paris II Educational Center - www.parisii.net Patsy & Robs Academy of Beauty www.praob.edu Pinnacle Career Institute www.pctraining.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.cbcag.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-Stockon College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.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.slcconline.edu St Louis College of Health Careers www.slchc.com Saint Louis Univ - www.slu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbu.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 Woods University www.williamwoods.edu	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-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 Concordia Seminary - www.csl.edu 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 Individual Career and Academic Plan
<http://festus.k12.mo.us>

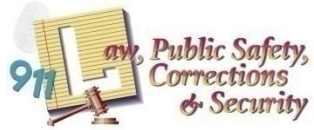
Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						
		It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses/ Elective Options	Area Technical School of Jefferson College	Additional Learning Opportunities
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Computer Applications I Computer Applications II		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Yearbook Journalism		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or Precalculus AP Statistics	Gen Chem	US Government	Personal Finance Computer Science Digital Media	Digital Media 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 US History	Web Design Digital Publishing AP Computer Science	Digital Media Technology
								Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu	Davis Hart Career Center www.mexicoschools.net	A.T. Skill University of Health Sciences www.atsu.edu	Missouri Western State University www.missouriwestern.edu	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Kansas City Art Institute www.kcai.edu</p> <p>Midwest Institute www.midwestinstitute.com</p> <p>Missouri Tech www.motech.edu</p> <p>National American University www.national.edu</p> <p>Pinnacle Career Institute www.pctraining.edu</p> <p>Texas County Technical Institute www.texascountytech.edu</p>
	East Central College www.eastcentral.edu	Herndon Career Center www.herndoncareercenter.com	Avila University - www.avila.edu	Northwest Missouri State University www.nwmissouri.edu	
	Jefferson College www.jeffco.edu	Jefferson College Area Technical Center www.jeffco.edu	Bryan College - www.bryancollege.com	Park University - www.park.edu	
	Linn State Technical College www.linnstate.edu	Kirkville Area Tech Center www.kirkville.k12.mo.us	Central Methodist University www.centralmethodist.edu	Rockhurst University - www.rockhurst.edu	
	Metropolitan Community College www.mcckc.edu	Waynesville Technical Academy www.waynesville.k12.mo.us	College of the Ozarks - www.coto.edu	Saint Louis University www.imagine.stu.edu	
	Mineral Area College www.mineralarea.edu		Columbia College - www.ccis.edu	Sanford-Brown College www.sanford-browncollege.com	
	Moberly Area Community College www.macc.edu		Culver-Stockton College - www.culver.edu	Southeast MO State University www.semo.edu	
	North Central Missouri College www.ncmissouri.edu		DeVry University – www.devry.edu	Southwest Baptist University www.sbniv.edu	
	Ozarks Technical Comm College www.otc.edu		Drury University - www.drury.edu	Truman State Univ www.truman.edu	
St. Charles Community College www.stchas.edu		Evangel University - www.evangel.edu	Univ of Central MO - www.ucmo.edu		
St Louis Community College www.stlcc.edu		Everest College www.everest-college.com	Univ of MO www.missouri.edu		
State Fair Community College www.sfccmo.edu		Hannibal-Lagrange College www.hlg.edu	Univ of MO – KC www.umkc.edu		
Three Rivers Community College www.trcc.edu		Harris-Stowe State Univ - www.hssu.edu	Univ of MO – STL- www.umsl.edu		
		Hickey College - www.hickeycollege.edu	Univ of Phoenix – www.phoenix.edu		
		Lincoln University - www.lincolnu.edu	Vatterott College www.vatterott-college.edu		
		Lindenwood Univ - www.lindenwood.edu	Washington University - www.wustl.edu		
		Maryville Univ of St. Louis www.maryville.edu	Webster University www.websteruniv.edu		
		Missouri Baptist Univ - www.mobap.edu	Westminster College www.westminster-mo.edu		
		Missouri College www.missouricollege.com	William Jewell College - www.jewell.edu		
		Missouri S&T www.mst.edu	William Woods University www.williamwoods.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			

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 Individual Career and Academic Plan
<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	
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World 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 Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance World Language III Military History General Psychology		Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics		AP US History	AP Psychology World Language IV Digital Media Contemporary Issues World Religions Intro to Sociology	Fire Science 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"/> Skills USA <input type="checkbox"/> Other: _____	

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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.statetechmo.edu</p> <p>Metropolitan Community College www.mcckc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central MO College www.ncmissouri.edu</p> <p>Ozarks Tech Community College www.otc.edu</p> <p>St. Charles Community 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 Community College www.trcc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Columbia Career Center www.career-center.org</p> <p>Grand River Tech School - www.grts.org</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Jefferson College Area Technical Center www.jeffco.edu</p> <p>Rolla Technical Institute www.rolla.k12.mo.us</p> <p>Sikeston Career and Technology Center www.sikeston.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>Avila University - www.avila.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccis.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>Hannibal-Lagrange College www.hlg.edu</p> <p>Hickey College www.hickeycollege.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p>	<p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University www.rockhurst.edu</p> <p>Saint Louis Univ - www.slu.edu</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbuniv.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 – STL - www.umsl.edu</p> <p>Univ of Phoenix – www.phoenix.edu</p> <p>Vatterott College www.vatterott-college.edu</p> <p>Washington Univ - www.wustl.edu</p> <p>Webster Univ - www.websteruniv.edu</p> <p>William Woods University www.williamwoods.edu</p>	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training <p>Allied College www.alliedcollege.edu</p> <p>High Tech Institute www.hightechinstitute.edu</p> <p>National American University www.national.edu</p> <p>Texas County Technical Institute www.texascountytech.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		
<p>Ambulance Drivers</p> <p>Animal Control Workers</p> <p>Bailliffs</p> <p>Corrections Officers</p> <p>Court Clerks</p> <p>Crossing Guards</p> <p>Fire Fighters</p> <p>Forest Fire Fighters</p> <p>Gaming Surveillance Officers and Gaming Investigators</p> <p>Life Guards and Ski Patrolters</p> <p>Parking Enforcement Officers and Workers</p> <p>Police, Fire, and Ambulance Dispatchers</p> <p>Security Guards</p> <p>Sheriffs</p> <p>Transportation Security Agents</p>	<p>Correctional Officers and Jailers</p> <p>Court Reporters</p> <p>Emergency Medical Technicians and Paramedics</p> <p>Fire Inspectors and Investigators</p> <p>First-Line Supervisors/Managers of Police and Detectives</p> <p>Forest Fire Fighting and Prevention Supervisors</p> <p>Forest Fire Inspectors and Prevention Specialists</p> <p>Legal Secretaries</p> <p>Municipal Fire Fighting and Prevention Supervisors</p> <p>Paralegals and Legal Assistants</p> <p>Police Detectives and Patrol Officers</p> <p>Police Identification and Records Officers</p> <p>Private Detectives and Investigators</p> <p>Sheriffs and Deputy Sheriffs</p> <p>Title Examiners, Abstractors, and Searchers</p> <p>Transit and Railroad Police</p>	<p>Arbitrators and Mediators</p> <p>Coroners</p> <p>Correctional Treatment Specialists</p> <p>Criminal Investigators and Special Agents</p> <p>Emergency Management Specialists</p> <p>Forensic Science Technicians</p> <p>Immigration and Customs Inspectors</p> <p>Judges and Hearing Officers</p> <p>Law Clerks</p> <p>Probation Officers</p>	<p>Anthropology and Archeology Teachers, Postsecondary</p> <p>Child, Family, and School Social Workers</p> <p>Criminal Justice and Law Enforcement Teachers, Postsecondary</p> <p>Lawyer</p> <p>Psychology Teachers, Postsecondary</p>		



**Festus High School
Manufacturing
Career Cluster Suggested Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Industrial Technology Engineering Essentials		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Computer Applications I Carpentry Computer Science Intro Engineering Design		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Industrial Math or Algebra II/ Advanced Algebra II or College Algebra Precalculus AP Statistics	Gen Chem	US Government	Personal Finance Principles of Engineering AP Computer Science Housing & Interior Design	Metal Fabrication Welding Technology Building Repair Technology Residential Carpentry	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: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics Calculus	AP Physics I	AP US History	Computer Integrated Manf	Precision Machining Technology Metal Fabrication Welding Technology Building Repair Technology Residential Carpentry	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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	Grand River Technical School www.grts.org Herndon Career Center www.herndoncareercenter.com Hillyard Technical Center www.hillyardtech.com Jefferson College ATS 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 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 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 MO State 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.slu.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.umsi.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 Individual Career and Academic Plan
<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
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Computer Applications I Marketing 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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Public Speaking Computer Applications II Accounting Marketing II Retailing/School Based Enterprise		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance World Language III Digital Media Retailing/School Based Enterprise Marketing I Web Design Housing & Interior Design		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: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics		AP US History	World Language IV Digital Publishing Introduction to Sociology General Psychology Business Mgmt & Ent Retailing/School Based Enterprise Supervised Marketing Experience		Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S t S e c o n d a r y	Community College	Technical School/Training Institution	In State		Out of State/Other
	East Central College www.eastcentral.edu	Eldon Career Center - www.eldoncareercenter.org	Avila University - www.avila.edu	Missouri Western State University www.missouriwestern.edu	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-the-Job Training <p>Colorado Technical University www.coloradotech.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>National American University www.national.edu</p>
	Crowder College www.crowder.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	Baptist Bible College - www.baptist.edu	Northwest Missouri State University www.nwmissouri.edu	
	Jefferson College www.jeffco.edu	Jefferson College Area Technical Center www.jeffco.edu	Bryan College - www.bryancollege.com	Park University - www.park.edu	
	Metropolitan Community College www.mcckc.edu	Waynesville Technical Academy www.waynesville.k12.mo.us	Central Methodist University www.centralmethodist.edu	Rockhurst Univ- www.rockhurst.edu	
	Mineral Area College www.mineralarea.edu	Northwest Tech School www.maryville.k12.mo.us	College of the Ozarks - www.coto.edu	Saint Louis Univ www.slu.edu	
	Moberly Area Community College www.macc.edu	Rankin Tech College - www.ranken.edu	Columbia College - www.ccis.edu	Sanford-Brown College www.sanford-browncollege.com	
	North Central Missouri College www.ncmissouri.edu		Culver-Stockton College www.culver.edu	SEMO www.semo.edu	
	Ozarks Technical Comm College www.otc.edu		DeVry University – www.devry.edu	Southwest Baptist Univ www.sbuniv.edu	
	St. Charles Community College www.stchas.edu		Drury University - www.drury.edu	Stephens College www.stephens.edu	
St. Louis Community College www.stlcc.edu		Hannibal-Lagrange College www.hlg.edu	Truman State Univ www.truman.edu		
State Fair Community College www.sfccmo.edu		Harris-Stowe State Univ - www.hssu.edu	Univ of Central MO www.ucmo.edu		
Three Rivers Community College www.trcc.edu		Lincoln University - www.lincolnu.edu	Univ of MO – www.missouri.edu		
		Lindenwood Univ - www.lindenwood.edu	Univ of MO – KC www.umkc.edu		
		Maryville Univ STL www.maryville.edu	Univ of MO – STL- www.umsl.edu		
		Missouri Baptist Univ - www.mobap.edu	Washington Univ - www.wustl.edu		
		Missouri College www.missouricollege.com	Webster Univ - www.websteruniv.edu		
		Missouri S&T www.mst.edu	Westminster College www.westminster-mo.edu		
		MO Southern www.mssu.edu	William Jewell College - www.jewell.edu		
		MO State www.missouristate.edu	William Woods University www.williamwoods.edu		
		Missouri State University – West Plains www.wp.missouristate.edu			
		MO Valley College www.moval.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 Buyers, 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 Individual Career and Academic Plan
<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	
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art (Intro to Art) World Language I Industrial Technology Engineering Essentials		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Computer Applications I Carpentry Intro Engineering Design		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or Precalculus AP Statistics	Honors Chem AP Physics I Earth Science	US Government	Personal Finance World Language III Drawing Computer Science Principles of Engineering Digital Media		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 AP Biology Earth Science II	AP US History	Computer Integrated Manf World Language IV 3-D Design AP Computer Science Digital Publishing	Precision Machining 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"/> Skills USA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S T S E C O N D A R Y	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>St. Charles Community College www.stchas.edu</p> <p>St Louis Community College www.stlcc.edu</p>	<p>Missouri Tech www.motech.edu</p>	<p>Avila University - www.avila.edu</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-Stockon College www.culver.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville University of St. Louis www.maryville.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>MO University of Science & Technology www.mst.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>Southwest Baptist University www.sbuniv.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 – STL - www.umsl.edu</p> <p>Washington Univ - www.wustl.edu</p> <p>Westminster College www.westminster-mo.edu</p> <p>William Jewell College - www.jewell.edu</p>	<ul style="list-style-type: none"> ● Apprenticeship ● Military ● On-the-Job Training <p>Grantham University www.grantham.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	
	<p>Electronics Engineering Technologists</p> <p>Engineering Technicians</p> <p>Manufacturing Engineering Technologists</p> <p>Science Technicians</p>	<p>Aerospace Engineers</p> <p>Cartographers</p> <p>Civil Engineers</p> <p>Electrical and Electronics Engineers</p> <p>Energy Engineers</p> <p>Geospatial Information Scientists and Technologists</p> <p>Industrial Engineers</p> <p>Materials Engineers</p> <p>Meteorologists</p> <p>Nuclear Engineers</p> <p>Photonics Engineers</p> <p>Remote Sensing Scientists and Technologists</p>	<p>Biomedical Engineers</p> <p>Chemists</p> <p>Environmental Engineers</p> <p>Manufacturing Engineers</p> <p>Mechanical Engineers</p> <p>Mining Engineers</p> <p>Petroleum Engineers</p>	<p>Anthropologists</p> <p>Archeologists</p> <p>Astronomers</p> <p>Biologists</p> <p>Environmental Scientists</p> <p>Geographers</p> <p>Geologists and Geophysicists</p> <p>Historians</p> <p>Mathematicians</p> <p>Physicists</p> <p>Political Scientists</p> <p>Robotics Engineers</p> <p>Sociologists</p>	



Festus High School
Transportation, Distribution & Logistics
Career Cluster Suggested Individual Career and Academic Plan
<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	
S e c o n d a r y	9	ELA I or Advanced ELA I	Algebra I or Geometry/ Advanced Geometry	Physical Science	World History	PE Lifetime Health Fine Art World Language I Computer Apps I Engineering Essentials		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 Advanced ELA II	Geometry/ Advanced Geometry or Algebra II/ Advanced Algebra II	Biology	US History	PE World Language II Industrial Technology Computer Apps II Intro Engineering Design		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	ELA III or Advanced ELA III	Algebra II/ Advanced Algebra II or College Algebra AP Statistics	Gen Chem	US Government	Personal Finance Principles of Engineering Accounting Business Mgmt & Ent Computer 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: _____
	12	ELA IV or AP English Lit & Comp	Survey of Col. Math College Algebra AP Statistics	AP Physics I	AP US History	Computer Integrated Manf	Automotive Technology	Student Organizations: <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Other: _____

Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to www.missouriconnections.org					
P O S t S e c o n d a r y	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	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training
	East Central College www.eastcentral.edu	Davis Hart Career www.mexicoschools.net	Baptist Bible College - www.baptist.edu	Northwest Missouri State University www.nwmissouri.edu	
	Hannibal-Lagrange College www.hlq.edu	Four Rivers Career Center www.washington.k12.mo.us	Central Methodist University www.centralmethodist.edu	Park University - www.park.edu	
	Jefferson College www.jeffco.edu	Gibson Tech Ctr www.wolves.k12.mo.us/gtc	College of the Ozarks - www.cofo.edu	Rockhurst Univ - www.rockhurst.edu	
	Linn State Technical College www.linnstate.edu	Grand River Tech School - www.grts.org	Columbia College - www.ccis.edu	Patricia Stevens College www.patriciastevenscollege.edu	
	Metropolitan Community College www.mccc.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	Culver-Stockton College - www.culver.edu	St. Louis Univ - www.imagine.slu.edu	
	Mineral Area College www.mineralarea.edu	Herndon Career Center www.herndoncareercenter.com	DeVry University - www.devry.edu	SE MO State Univ www.semo.edu	
	Moberly Area Community College www.macc.edu	Kirksville Area Tech www.kirksville.k12.mo.us	Drury University - www.drury.edu	Southwest Baptist University www.sbu.edu	
	North Central Missouri College www.ncmissouri.edu	Lake Career and Technical Center www.camdentonschools.org	Evangel University - www.evangel.edu	Stephens College www.stephens.edu	
Ozarks Technical Comm College www.otc.edu	Lebanon Technology and Career Ctr www.lebanon.k12.mo.us/lccc	Everest College - www.everest-college.edu	Truman State Univ - www.truman.edu		
Ranken Technical College www.ranken.edu	Nichols Career Center www.jcps.k12.mo.us	Grantham Univ - www.grantham.edu	Univ of Central MO - www.ucmo.edu		
Sanford-Brown College www.sanford-browncollege.com	Northland Career Center www.northlandcareercenter.com	Harris-Stowe State Univ - www.hssu.edu	Univ of MO – www.missouri.edu		
St Louis Community College www.stlcc.edu	Pike-Lincoln Tech Ctr - www.pltc.k12.mo.us	Lincoln University - www.lincolnu.edu	Univ of MO – KC www.umkc.edu		
State Fair Community College www.sfccmo.edu	Rolla Tech Institute - www.rolla.k12.mo.us	Lindenwood Univ - www.lindenwood.edu	Univ of MO – STL www.umsl.edu		
	Sikeston Career & Technology Center www.sikeston.k12.mo.us	Maryville University www.maryville.edu	Univ of Phoenix - www.phoenix.edu		
	South Central Career Ctr - www.wphs.k12.mo.us	Messenger College www.messengercollege.edu	Vatterott College www.vatterott-college.edu		
	Waynesville Technical Academy www.waynesville.k12.mo.us	Missouri Baptist Univ - www.mobap.edu	Washington Univ - www.wustl.edu		
		Missouri Southern State University www.mssu.edu	Webster Univ - www.websteruniv.edu		
		MO State www.missouristate.edu	Westminster College www.westminster-mo.edu		
		Missouri State Univ – West Plains www.wp.missouristate.edu	William Jewell www.jewell.edu		
		Missouri University of Science & Tech www.mst.edu	William Woods University www.williamwoods.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 - 4 credits required

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
ELA Support (Elective Credit)	H1106	0.5	9-10					
ELA I	H1115	1	9					X
Advanced ELA I	H1122	1	9	(Recommended 80%+ Adv Eng)				X
ELA Credit Recovery	H1123	0.5	9-10	Failed 1 sem of ELA I				
ELA II	H1145	1	10					X
Advanced ELA II	H1152	1	10	ELA I or Adv ELA I (Recommended 80%+ Adv ELA I or 87%+ ELA I)				X
ELA III	H1165	1	11					X
Advanced ELA III	H1172	1	11	ELA II or Adv ELA II (Recommended 80%+ Adv ELA II or 87%+ ELA II)	X			X
ELA IV	H1204	1	12					X
AP English Lit & Comp	H1206 H1207	0.5 0.5	12	Adv ELA III (Recommended 80%+ Adv ELA III)	X	X	X	X

Social Studies - 3 credits required

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
World History	H2120	1	9					X
US History	H2130	1	10	World History				X
US Government	H2190	1	11	US History				X
AP US History	H2137 H2138	0.5 0.5	12	US Gov or dept approval	X	X	X	X

Math - 3 credits required

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Pre Algebra	H3115	1	9					
Algebra I	H3130	1	9-10					X
Algebra I Support (Elective credit)	H3135	1	9	Concurrent Alg I, Teacher Recommendation				
Geometry	H3170	1	9-12	Algebra I				X
Advanced Geometry	H3172	1	9-12	Algebra I (Recommended 90%+ Algebra I)				X
Industrial Math	H3175	1	10-12	Geometry or Adv Geometry				
Algebra II	H3180	1	10-12	Geometry or Adv Geometry				X
Advanced Algebra II	H3185	1	10-12	Geometry or Adv Geometry (Recommended 90%+ Geometry or 80%+ Adv Geometry)				X
Survey of College Math	H3190	1	12	Algebra II or Adv Algebra II	X	X		X
AP Statistics	H3192	1	10-12	Algebra II or Adv Algebra II	X	X	X	X
College Algebra	H3194	1	11-12	Algebra II or Adv Algebra II (Recommended Alg II or <80% Adv Alg II)	X	X		X
Pre-Calculus	H3205	1	11-12	Adv Algebra II or College Algebra (Recommended 80%+ Adv Alg II)	X	X		X
AP Calculus AB	H3215	1	12	Pre-Calculus	X	X	X	X

Science - 3 credits required

<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 A	H4100	1	9	Teacher Recommended				
Physical Science	H4110	1	9					X
Biology	H4120	1	10					X
Ecology	H4125	1	11-12	Biology				X
Anatomy/ Physiology	H4145	1	11-12	Biology	X	X		X
Earth Science	H4170	0.5	11-12	Phys. Sci. Biology				X
Earth Science II	H4175	0.5	10-12	Phys. Sci. Geometry				X
Gen Chemistry	H4190	1	10-12	Phys. Sci, Algebra I*				X
Honors Chemistry	H4196	1	9-12	Phys. Sci**, Algebra I*	X			X
AP Biology	H4201	1	11-12	Phys. Sci. Biology	X	X	X	X
AP Physics I	H4205	1	10-12	Alg II/Adv Alg II	X		X	X
AP Physics II	H4215	1	11-12	AP Physics I	X		X	X
AP Chemistry	H4265 H4270	1	10-12	Honors Chem, Alg II	X	X	X	X

*Completion of Algebra I. **Can take in place of Physical Science if going into a STEM career.

World 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	H5110	1	9-11					X
Spanish II	H5120	1	10-12	Spanish I				X
Spanish III	H5130	1	11-12	Spanish II	X	X		X
Spanish IV	H5140	1	12	Spanish III	X	X		X
French I	H5210	1	9-11					X
French II	H5220	1	9-12	French I				X
French III	H5230	1	10-12	French II	X	X		X
French IV	H5240	1	11-12	French III	X	X		X

Fine Arts - 1 credit required

<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>
Intro To Art	H6110	0.5	9-12					
Drawing	H6120	0.5	9-12	Intro to Art				
Painting	H6130	0.5	9-12	Intro to Art				
3D Design	H6140	0.5	9-12	Intro to Art				
Pottery I	H6150	0.5	9-12	Intro to Art				
Pottery II	H6160	0.5	10-12	Pottery I				
AP Art#	H6190	1	11-12	Instructor Approval	X		X	
Beginning Piano	H6225	0.5	9-12					
Mixed Choir	H6255	1	9-12					
Treble Choir	H6256	1	9-12	Instructor Approval				
Tenor/Bass Choir	H6258	1	9-12	Instructor Approval				
Concert Choir	H6260	1	9-12	Instructor Approval				
Marching/ Freshman Band	H6285	1	9	Prev. Band Experience				
Marching Band	H6290	0.5	10-12	Prev. Band Experience				
Symphonic Band	H6300	0.5	10-12	Director Approval				
Concert Band*	H6310	1.0	10-12	Prev. Band Experience				
Jazz Band	H6320	1	9-12	Audition &/or Director Approval				
Music Appreciation	H6400	0.5	9-12					
AP Music Theory##	H6405	1	10-12	Instructor Approval	X		X	

#AP Art is only offered every other year (offered next SY25-26).

*Concert Band can be taken just 2nd semester when Marching Band is taken 1st semester.

##AP Music Theory is only offered every other year (offered next SY26-27).

Personal Finance - .5 credit required

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Personal Finance	H7005	0.5	10-12			X		

Practical Arts - .5 credit required

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Computer Apps I	H7020	0.5	9-12					
Computer Apps II	H7025	0.5	9-12	Comp Apps I				
Computer Science	H7058	0.5	9-12					
AP Computer Science Principles#	H7070	1	11-12	70%+ Algebra I	X		X	
Business Mgmt & Entrepreneurship	H7105	0.5	11-12					
Retailing/School Based Enterprise	H7125	1.0	10-12					
Digital Media	H7130	0.5	9-12	Comp Apps I				
Web Design	H7150	0.5	9-12	Comp Apps I				
Digital Publishing	H7168	0.5	9-12	Comp Apps I				
Marketing I	H7175	0.5	10-12					
Marketing II	H7176	0.5	11-12	Marketing I or co-enrolled in SME				
Accounting	H7190	1	10-12					
Food Preparation	H7230	0.5	9-12					
Child Dev I	H7250	0.5	11-12					
Child Dev II	H7255	0.5	11-12					
Housing and Interior Design	H7260	0.5	9-12					
Industrial Technology	H7300	0.5	9-11					
Engineering Essentials	H7324	0.5	9-12					
Intro to Engineering Design	H7325	1	9-12	70%+ Algebra I or Engineering Essentials				
Principles of Engineering	H7326	1	10-12	Intro to Engineering Design				
Computer Integrated Manufacturing	H7327	1	10-12	Intro to Engineering Design				
Carpentry	H7410	1	10-12	Industrial Tech				

#AP Computer Science Principles is only offered every other year (offered next SY25-26).

Health - .5 credit required

<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	H8000	0.5	9-12					

Physical Education - 1.5 credits required

<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>
Men's Lifetime Physical Ed	H8070	0.5	9-12					
Women's Lifetime Physical Ed	H8080	0.5	9-12					
Fitness & Conditioning	H8185	0.5	9-12					
Advanced Fitness & Conditioning	H8186	1	9-12	Instructor Approval				
Zero Hour Lifting for Sport	H8225	1	10-12	Instructor Approval				

Full year PE courses can also be taken just for a semester. Semester PE courses can be taken both semesters.

Electives - 7 credits required

<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>
Intro to Theater	H1235	0.5	9-12					
Public Speaking	H1240	0.5	9-12					
Adv. Speech & Theater	H1245	0.5	9-12	Intro to Theater or Pub Speaking				
Contemporary Issues	H2140	0.5	10-12					X
General Psychology	H2160	0.5	11-12					X
AP Psychology	H2162	1	12		X		X	X
Intro to Sociology	H2170	0.5	11-12					X
World Religions	H2180	0.5	10-12	World History				X
Military History	H2195	0.5	10-12	World History				X
Sports & Social Studies	H2198	0.5	9-12					
Exploring the Field of Education	H9080	0.5	11-12			X		
Supervised Marketing Experience	H9095 H9096	1	12	Co-enrollment in Marketing II Instructor Approval				
Students as Tutor/Mentor	H9105	0.5	11-12	A+ enrollment				
Transitions I	H9120	0.5	9-12	Counselor Approval				
Library Practice	H9130	0.5	11-12	Librarian Rec.				
Yearbook Journalism	H9135	1	10-12	Instructor Approval				
Elementary Cadet Teach	H9144	1	12					
Intermediate Cadet Teach	H9146	1	12					
Middle Cadet Teach	H9148	1	12					
Tiger Time	H9160	NO CREDIT	ALL					
Advisory	H9162	NO CREDIT	ALL					
Principal Office Assistant	H9165	NO CREDIT	12					
Counseling Office Assistant	H9166	NO CREDIT	12					

Electives Cont.

SUBJECT	COURSE #	CREDIT	GRADE	PRE-REQ	WEIGHTED	DUAL CREDIT	AP	NCAA APPROVED
Asst Principal Office Assistant	H9167	NO CREDIT	12					
Athletic Office Assistant	H9169	NO CREDIT	12					
Academic Honor Time	H9175	NO CREDIT	11-12	Enrolled in 3+ weighted courses				
Tiger Tech Team	H9180	1	10-12	Instructor Approval				

Course Descriptions

English Language Arts



FULL YEAR COURSES

ELA I
Advanced ELA I
ELA II
Advanced ELA II
ELA III
Advanced ELA III
ELA IV
AP English Literature & Composition

*Some Elective courses can be found starting on page 97

SEMESTER COURSE

ELA Credit Recovery

SEMESTER COURSE

For elective credit only

*Semester offered depends on Master Schedule

Intro to Theater
Advanced Speech & Theater
Public Speaking
ELA Support

ELA I (9) This course meets the freshman 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

ADVANCED ELA I (9) Students will fulfill all requirements of ELA I but at a more advanced rate. In addition, the Advanced ELA I student will be required to do more written work, read more short stories and novels, and participate in more projects. The Advanced 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	H1122	Credit	1 unit English

ELA CREDIT RECOVERY (9, 10) This course will provide students the opportunity to earn 0.5 credit recovery of ELA, as well as assist students who struggle in ELA and are more than one grade level behind in their reading skills (per STAR & ReadTheory.org assessments) to move closer to Grade Level Equivalency) in reading. Students will develop strategies for better reading comprehension and master the DESE ELA I & II standards for greater success in high school. ELA I-II standards are addressed.

Course Type	Semester Course	Prerequisite	Failed 1 sem of ELA I
Course Number	H1123	Credit	0.5 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

ADVANCED ELA II (10) Advanced ELA II class 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. Grade recommendation: 84%+ English I or 87%+ Advanced ELA I ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	English I or Advanced ELA I
Course Number	H1152	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

ADVANCED 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. Grade recommendation: 84%+ English II or 87%+ Advanced ELA II ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	English II or Advanced ELA II
Course Number	H1172	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 language arts 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. Grade recommendation: 80%+ Adv. English III ****NCAA approved course. *Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission, an ACT English score of at least 18, and an ACT Reading score of at least 18. An ACCUPLACER Next Generation score of at least 246 may be substituted in lieu of the required ACT scores. In order to be eligible for college credit semester two, college credit with a minimum grade of C must have been earned in semester one.**

Course Type	Full Year Weighted Course	Prerequisite	Advanced ELA III
Course Number	H1206 - 1st sem/H1207 - 2nd sem	Credit	1 unit English

For Elective Credit Only

ELA SUPPORT (9, 10) ELA Support is designed to provide ELA I & II students with extra interventions, practices, and support to ensure their success in ELA courses. Students who previously struggled in pre-requisite ELA classes, have a GLE in reading below grade level, and are recommended by previous teachers or counselors meet the course requirements and should be enrolled in this course.

Course Type	Semester Course	Prerequisite	See Description Above
Course Number	H1106	Credit	0.5 unit Elective

INTRO TO THEATER (9, 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	Semester Course	Prerequisite	None
Course Number	H1235	Credit	0.5 unit Elective

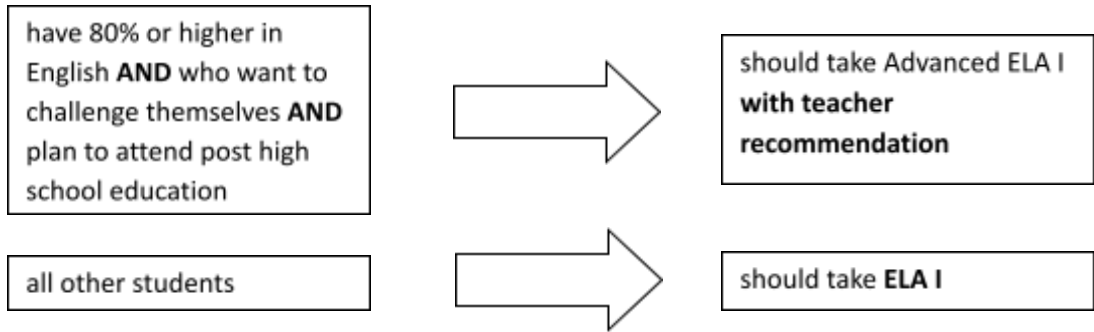
PUBLIC SPEAKING (9, 10, 11, 12) Students will learn the skills of effective oral communication in both daily living and in special public speaking situations. Students will work individually and in groups to develop skills in discussion, presentation, and persuasion. Students will participate in weekly speaking assignments in the areas of informative, special event, debate, and persuasive speaking.

Course Type	Semester Course	Prerequisite	None
Course Number	H1240	Credit	0.5 unit Elective

ADVANCED SPEECH & THEATER (9, 10, 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.

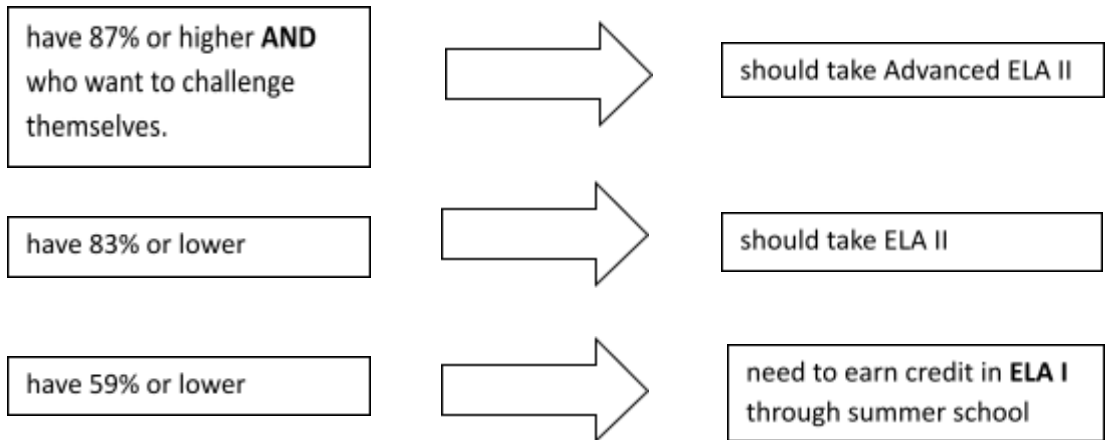
Course Type	Semester Course	Prerequisite	Intro to Theater or Public Speaking
Course Number	H1245	Credit	0.5 unit Elective

Current eighth grade students who:



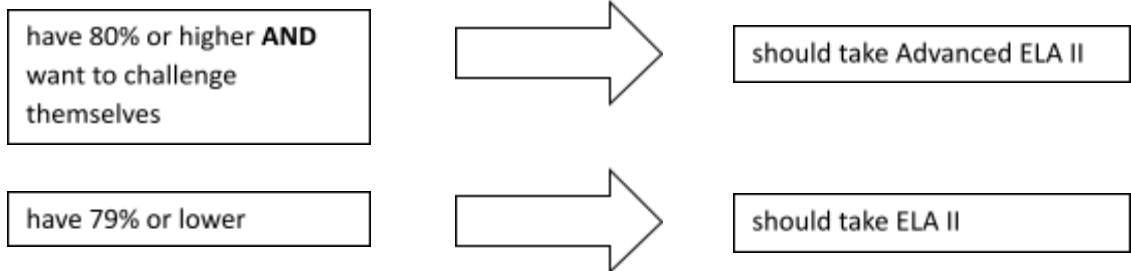
Always use the student's English average for first semester and second semester so far.

Current ELA I students who:



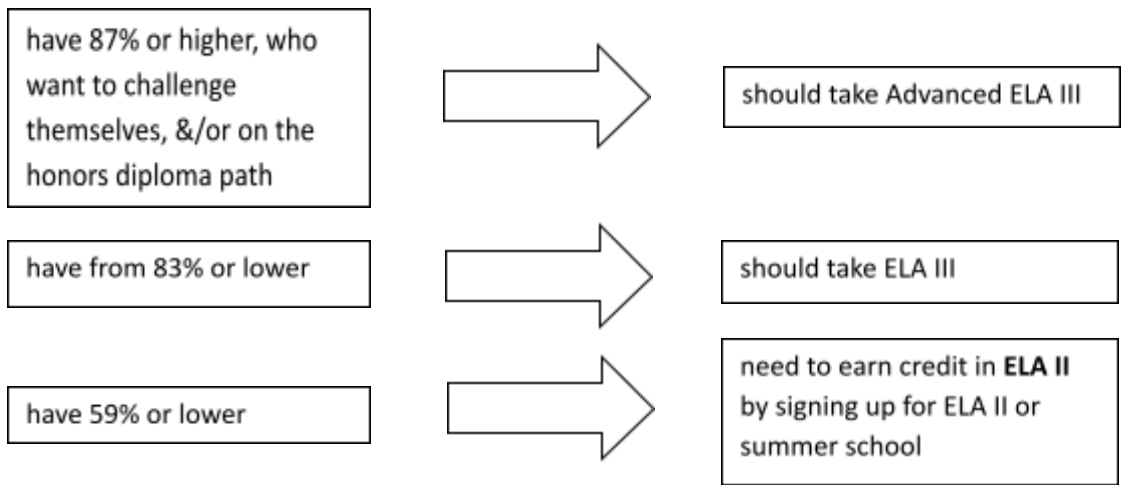
Always use the student's English average for first semester and second semester so far.

Current Advanced ELA I students who:



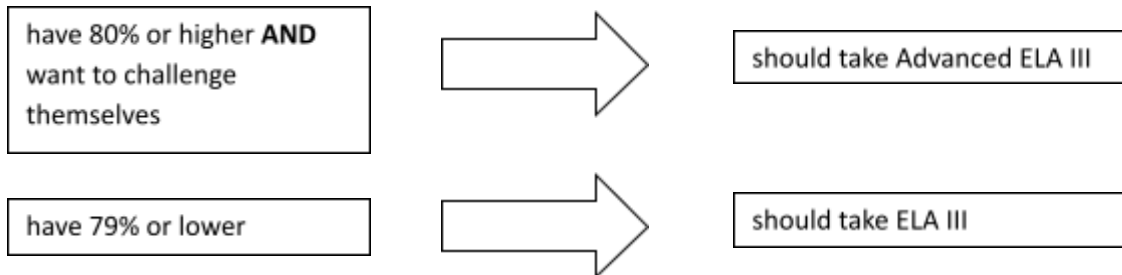
Always use the student's English average for first semester and second semester so far.

Current ELA II students who:



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

Current Advanced ELA II students who:



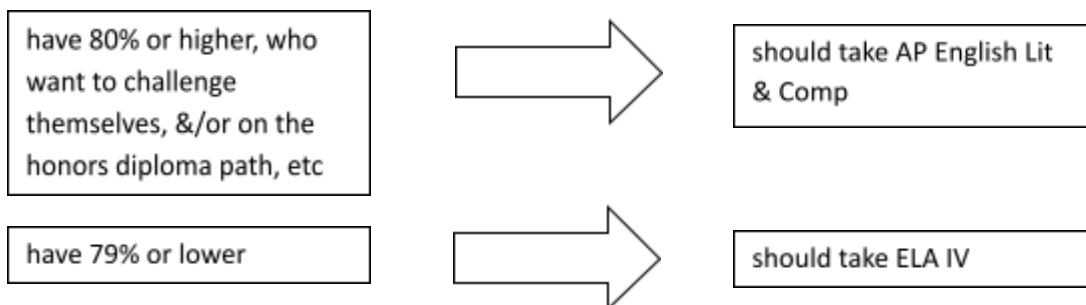
Always use students' English average for first semester and second semester so far.

Current ELA III students:

will **ALL** register for ELA IV

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

Current Advanced ELA III 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
US Government
AP US History

*Social Studies Elective courses can also be found starting on page 97

FULL YEAR COURSES

For elective credit only

AP Psychology

SEMESTER COURSES

For elective credit only

*Semester offered depends on Master Schedule

General Psychology
World Religions
Introduction to Sociology
Contemporary Issues
Military History
Sports and Social Studies

WORLD HISTORY (9) This 9th grade course will introduce students to basic techniques used by historians to study world history from the ancient and medieval periods through modern times. Students will study continuity and change by creating tools that analyze chronological world events while developing compelling questions and research plans. Students will begin to understand the government systems analyzed in future Social Studies classes through an analysis of Absolutism and the Enlightenment. The course will also foster geographic expertise through the creation of maps and graphic representations of topographical features of world regions. This course will use the Industrial Revolution to introduce economic concepts such as opportunity costs and benefits, and students will begin learning how to analyze primary sources that span all time periods and regions while emphasizing context and point-of-view. ****NCAA approved course.**

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

US HISTORY (10) The 10th grade U.S. History course will build upon the techniques emphasized in World History by guiding students through research plans of greater sophistication. Students will develop questions and identify resources specific to the period of U.S. History spanning 1870-2010 while expanding their use of chronological sequencing to understand continuity and change. Students will analyze the opportunity costs and benefits of economic decisions in the United States post 1870 while examining the laws, policies, and processes of the federal government that impacted individuals and regions throughout the twentieth century. Students will evaluate and further use a wide range of primary documents to increase understanding and answer questions. This course will prepare students for the U.S. History End-of-Course exam administered by the Missouri Department of Elementary and Secondary Education. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	World History
Course Number	H2130	Credit	1 unit Social Studies

US GOVERNMENT (11) The 11th grade U.S. Government course provides a framework for understanding the purposes, principles, and practices of constitutional democracy in the United States. It builds upon the governmental and economic standards taught in the World History and U.S. History courses by guiding students into developing complex questions about the nature of the American government system. Students will use primary source analysis skills to examine the founding documents and apply the principles of those documents in distinguishing the powers and responsibilities of American citizens to solve problems. Students will specifically examine how the U.S. Constitution protects rights and provides the structure and functions of the federal government. Additionally, students will distinguish between federal and state levels of government through an examination of the Missouri Constitution. This course will prepare students for the U.S. Government End-of-Course exam administered by the Missouri Department of Elementary and Secondary Education, as well as the U.S. Constitution exam required by the state of Missouri for graduation. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	US History
Course Number	H2190	Credit	1 unit Social Studies

AP US HISTORY (12) AP United States History is a course offered for dual credit through Jefferson College, and equates to HST103 (U.S. History I to Reconstruction) and HST104 (U.S. History II from Reconstruction). The entire breadth of American History will be covered, moving from pre-Columbian contact to the present day. The course contains a demanding outside reading requirement that exposes students to not only a college-level textbook, but the works of prominent historians such as Gordon Wood (revolution and early republic) and James McPherson (civil war). In this course, students will use the techniques of professional historians by using primary and secondary documents as evidence in support of historical arguments. It emphasizes the following historical thinking skills: chronological reasoning, comparing and contextualizing, defending historical arguments, and interpreting historical narratives. This course will prepare students for the AP United States History exam administered by the College Board that assesses historical skills through document based questions, long and short essay questions, and document based multiple choice questions. ****NCAA approved course. *Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission and an ACT Reading score of at least 18. An ACCUPLACER Next Generation score of at least 246 may be substituted in lieu of the required ACT score.**

Course Type	Full Year Weighted Course	Prerequisite	US Government or Department Approval
Course Number	H2137-1st Sem/H2138- 2nd Sem	Credit	1 unit Social Studies

For Elective Credit Only

CONTEMPORARY ISSUES (10, 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	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	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	Semester Course	Prerequisite	None
Course Number	H2170	Credit	0.5 unit Elective

WORLD RELIGIONS (10, 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	Semester Course	Prerequisite	World History
Course Number	H2180	Credit	0.5 unit Elective

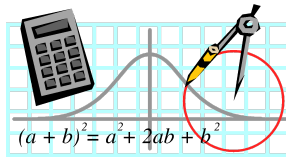
MILITARY HISTORY (10, 11, 12) Survey of the world history of warfare and military tactics from ancient times to modern day. Students will study the basic war theories of Thucydides, Herodotus, Sun Tzu, and Clausewitz. Primary and secondary sources will be emphasized and analyzed throughout the course. Continuity and change over time will be illustrated by using the following themes within each era of military history: 1) the attitudes of particular ages toward warfare; 2) how war influenced the society of particular periods; 3) the impact of technology on warfare in each period; 4) the nature of armies within each period, considering their structure and organization; and 5) how individual soldiers actually experienced the warfare of their time. Case studies of the most important battles and engagements will provide concrete examples of the above themes. ****NCAA approved course.**

Course Type	Semester Course	Prerequisite	World History
Course Number	H2195	Credit	0.5 unit Elective

SPORTS AND SOCIAL STUDIES (9, 10, 11, 12) Students will analyze the world of sports through every aspect of social studies. Students will learn about sports management, sports history, sports psychology, sports medicine, etc. This course is intended for students considering a sports-related career in the fields of business, marketing, journalism, medicine, or even education. This course will provide a practical application of social studies and its skills. It will combine social studies standards from multiple courses into an interesting and enjoyable course. It will also introduce other social studies electives such as psychology, sociology, and contemporary issues. Students will participate in STEAM projects in social studies to provide hands-on experience and increased engagement. This class is NOT NCAA approved.

Course Type	Semester Course	Prerequisite	None
Course Number	H2198	Credit	0.5 unit Elective

Mathematics



FULL YEAR COURSES

Pre Algebra
Algebra I
Geometry
Advanced Geometry
Industrial Math
Algebra II
Advanced Algebra II
Survey of College Mathematics
AP Statistics
College Algebra
Precalculus
AP Calculus AB

FULL YEAR COURSE

For elective credit only

Algebra I Support Course

PRE 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	H3115	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) 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. 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

GEOMETRY (9, 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	H3170	Credit	1 unit Mathematics

ADVANCED 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 straightedge and compass will be introduced as well as coordinate geometry. Grade recommendation: 90%+ Algebra I. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I
Course Number	H3172	Credit	1 unit Mathematics

INDUSTRIAL MATH (10, 11, 12) This course provides students with the practical mathematical skills needed for a variety of trades and occupations, focusing on the application of these skills to specific areas such as: allied health, automotive trades, manufacturing, electronics, etc. Skills covered include: numerical computation, plane and solid geometry, basic algebra, triangle trigonometry and statistics. Students will be expected to work independently, collaboratively, and with technology throughout the course of the year.

Course Type	Full Year Course	Prerequisite	Geometry or Advanced Geometry
Course Number	H3175	Credit	1 unit Mathematics

ALGEBRA II (10, 11, 12) This course is recommended for students that earned a C- or below in Algebra I. Students will solve a variety of equations and inequalities and will develop additional graphing techniques used for higher order equations ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Geometry or Advanced Geometry
Course Number	H3180	Credit	1 unit Mathematics

ADVANCED 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. Grade recommendation: 80%+ Adv Geometry. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	Algebra I and Geometry
Course Number	H3185	Credit	1 unit Mathematics

SURVEY OF COLLEGE MATHEMATICS (12) This course is designed as a dual credit course allowing the student to earn 3.0 semester hours of college credit through Jefferson College. This course provides an overview of the skills required to navigate the mathematical demands of modern life. Emphasis is placed on improving students' ability to draw conclusions, make decisions, and communicate effectively in mathematical situations. Topics may vary but always include proportional and statistical reasoning and mathematical modeling. ****NCAA approved course. *Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission, an ACT Reading score of at least 18, and an ACT Math score of at least 22. An ACCUPLACER Next Generation score of at least 246 and a Jefferson College STEM College Math Readiness score of at least 50 may be substituted in lieu of the required ACT scores.**

Course Type	Full Year Weighted Course	Prerequisite	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 credit 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. Grade recommendation: 70%+ Algebra II or <80% Advanced Algebra II ****NCAA approved course. *Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission, an ACT Reading score of at least 18, and an ACT Math score of at least 22. An ACCUPLACER Next Generation score of at least 246 and a Jefferson College STEM College Math Readiness score of at least 50 may be substituted in lieu of the required ACT scores.**

Course Type	Full Year Weighted Course	Prerequisite	Algebra II or Adv Alg 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. Grade recommendation: 80%+ Advanced Algebra II. ****NCAA approved course. *Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission, an ACT Reading score of at least 18, and an ACT Math score of at least 22. An ACCUPLACER Next Generation score of at least 246 and a Jefferson College STEM College Math Readiness score of at least 50 may be substituted in lieu of the required ACT scores.**

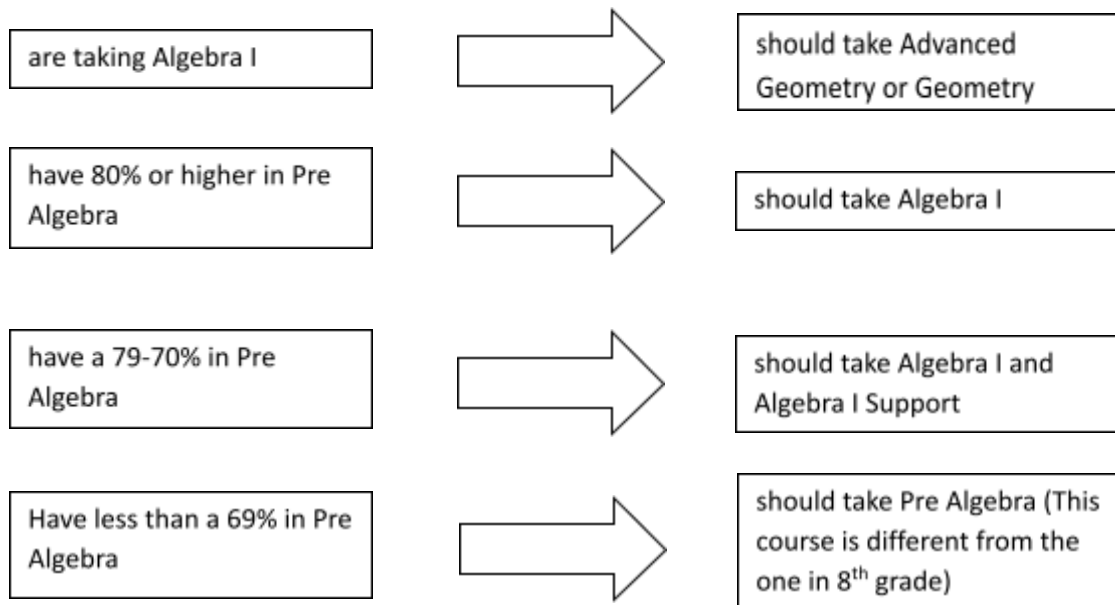
Course Type	Full Year Weighted Course	Prerequisite	Adv Algebra II or College Algebra
Course Number	H3205	Credit	1 unit Mathematics

AP CALCULUS AB (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. 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 administered by the College Board each spring. ****NCAA approved course. *To be eligible for Jefferson College credit, students must have at least a 2.5 cumulative GPA AND an ACT Math score of 27 or higher AND an ACT Reading score of 18 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

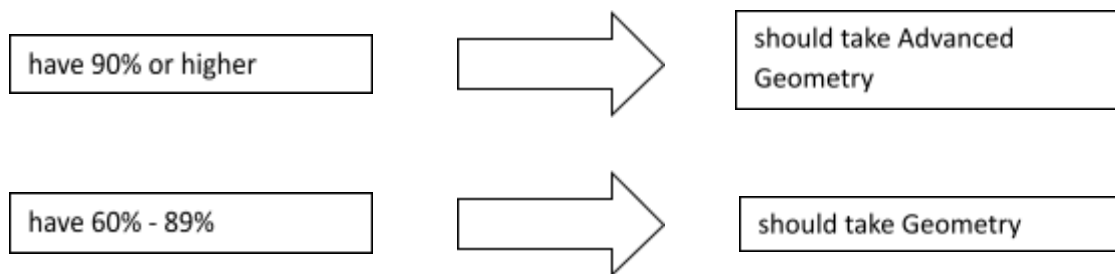
Current 8th Grade students who:



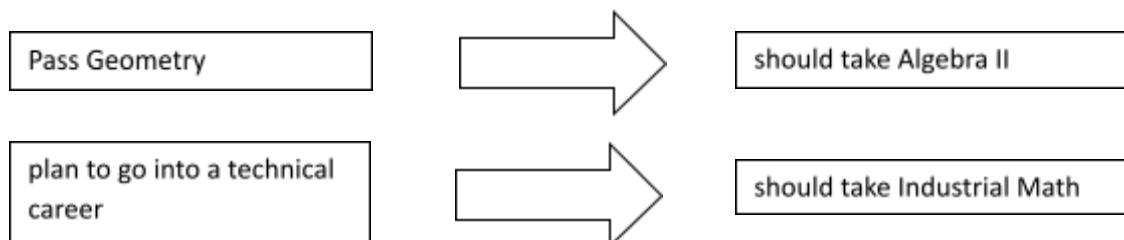
Current Pre Algebra students:

Will all take Algebra I

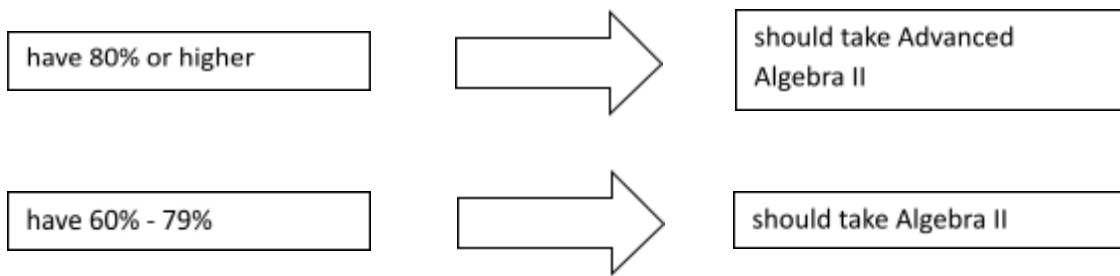
Current Algebra I students who:



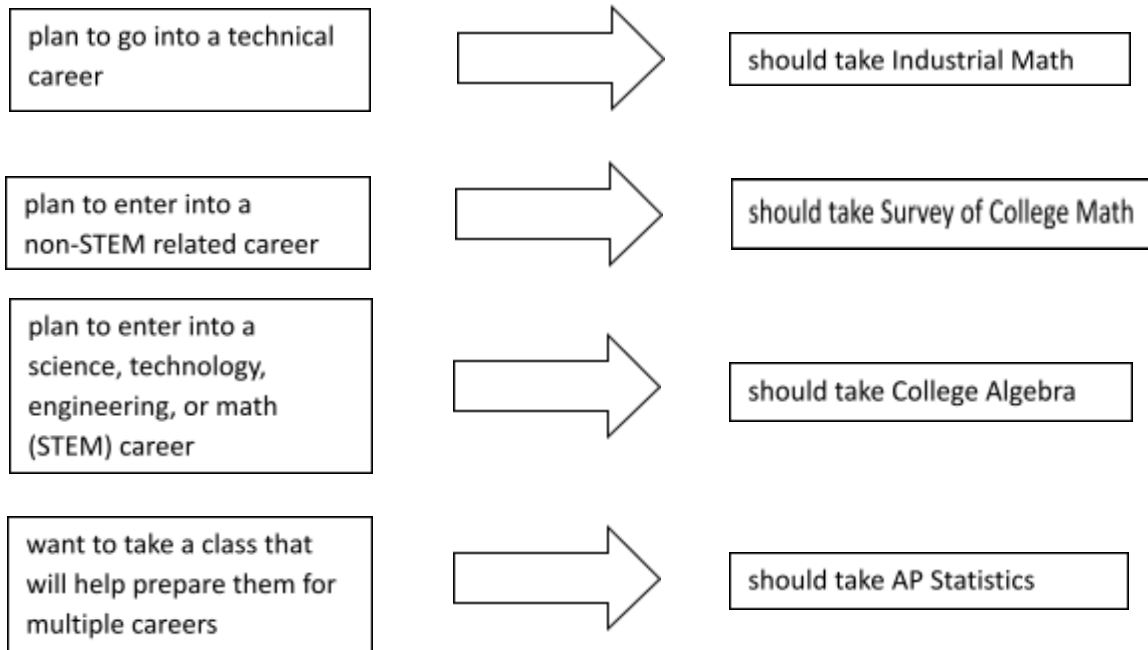
Current Geometry students who:



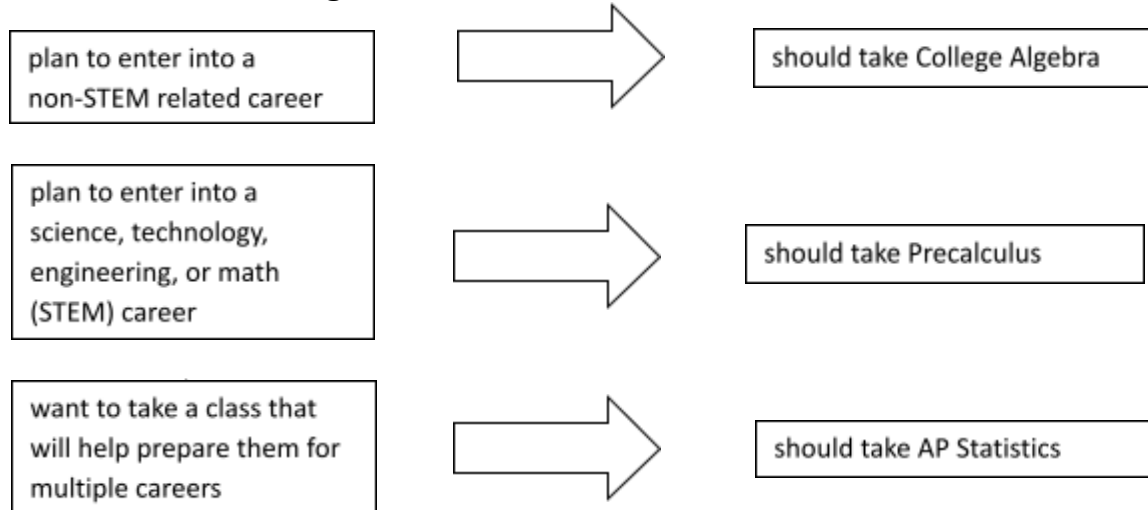
Current Advanced Geometry students:



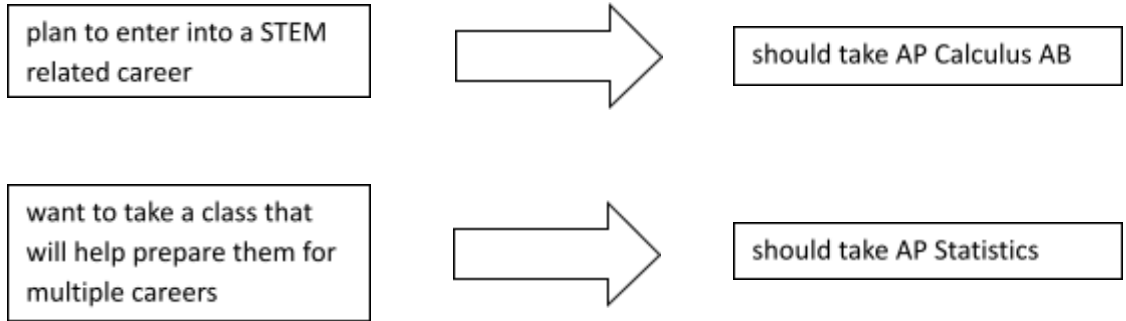
Current Algebra II students who:



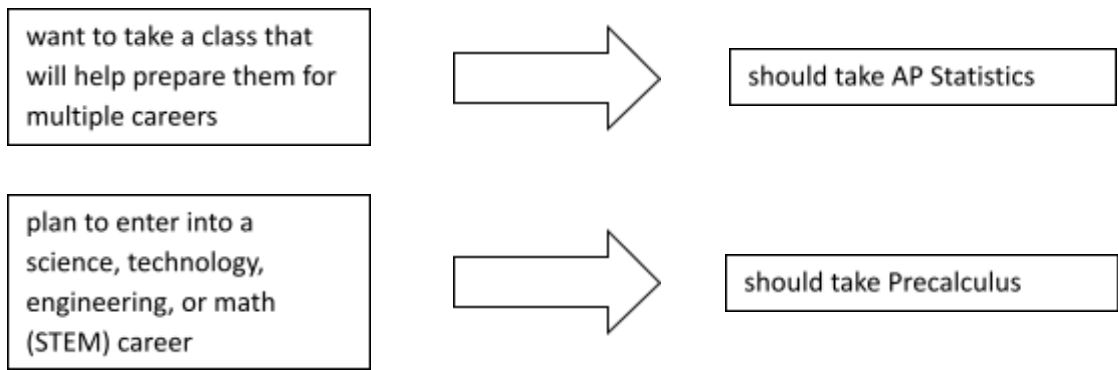
Current Advanced Algebra II students who:



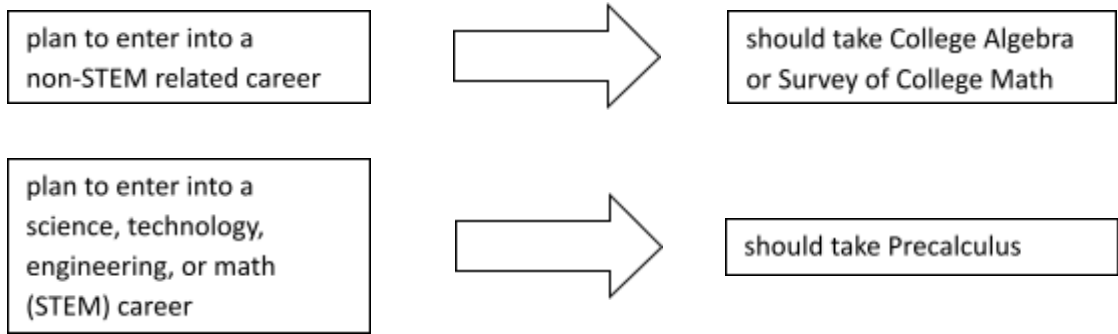
Current Precalculus students who:



Current College Algebra students who:



Current AP Statistics students who:



Science



FULL YEAR COURSES

Physical Science A
Physical Science
Biology
Ecology
Human Anatomy/Physiology
General Chemistry
Honors Chemistry
AP Biology
AP Physics 1
AP Physics 2
AP Chemistry

SEMESTER COURSES

*Semester offered depends on Master Schedule

Earth Science
Earth Science II

PHYSICAL SCIENCE A (9) Physical Science is the study of the fundamental principles of chemistry and physics. This course is the first of a two-year physical science sequence in which students will primarily explore the basics of chemistry, including properties of matter, atomic structure and models, atomic bonding, chemical reactions, radioactivity, thermal energy and waves. This is a laboratory course with activities directly related to the subject matter covered in each of the topic areas. Experimental design, critical thinking and scientific reasoning are stressed throughout the course. *Students who take this class are required to take Physical Science B followed by Biology during junior year.*

Course Type	Full Year Course	Prerequisite	Teacher Recommendation-
Course Number	H4100	Credit	1 unit Science

PHYSICAL SCIENCE (9) This course is a hands-on study of the physical aspects of the world of science. Students will learn the basics of physics (including forces and motion, work and energy, electricity and magnetism) and chemistry (including properties of matter, atomic structure and models, atomic bonding, chemical reactions, radioactivity, thermal energy and waves). This is a laboratory course with activities directly related to the subject matter covered in each of the topic areas. Experimental design, critical thinking and scientific reasoning are stressed throughout the course. ****NCAA approved course.**

Course Type	Full Year Course	Prerequisite	None
Course Number	H4110	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 natural systems with an emphasis on Missouri environments. Course work involves significant (and required) outdoor experiences including an insect collection, field observations, and outdoor experimentation. Major topics of the course include evolution, interactions, matter and energy flows, and climate change. An annual field trip may explore Missouri ecosystems and/or human environmental science (e.g. wastewater treatment or landfill operations). ****NCAA approved course.**

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

HUMAN ANATOMY/PHYSIOLOGY (11, 12) "This course is designed as a dual credit course enabling students to receive 4 credit hours for BIOL 1131 Human Physiology and Anatomy I (4 credit hours) through University of Missouri-St. Louis. The Anatomy & Physiology course is a year-long exploration of the structure and function of the human body. The course requires significant wet-lab and dissection experiences. Special emphasis is placed on common diseases as well as how the human body responds to environmental demands and the aging process. Course goals include 1) preparing students for advanced study in biology or the medical field and 2) familiarizing students with their own biology." ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	Biology Chemistry is recommended
Course Number	H4145	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 with the use of instruments. You will 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	Semester Course	Prerequisite	Physical Science and Biology
Course Number	H4170	Credit	0.5 unit Science

EARTH SCIENCE II (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	Semester Course	Prerequisite	Physical Science and Geometry
Course Number	H4175	Credit	0.5 unit Science

GENERAL CHEMISTRY (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 reactions 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 and Physical Science
Course Number	H4190	Credit	1 unit Science

HONORS CHEMISTRY (9, 10, 11, 12) This is a first year chemistry course. It is a prerequisite course for AP Chemistry. It is 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 Honors 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. Can take this course instead of Physical Science if going into a STEM career. ****NCAA approved course.**

Course Type	Full Year Weighted Course	Prerequisite	80%+ in Algebra I
Course Number	H4196	Credit	1 unit Science

AP BIOLOGY (11, 12) This course is a dual credit 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. **Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission and an ACT Reading score of at least 18. An ACCUPLACER Next Generation score of at least 246 may be substituted in lieu of the required ACT score.***

Course Type	Full Year Weighted Course	Prerequisite	Physical Science and Biology
Course Number	H4201	Credit	1 unit Science

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

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

AP PHYSICS II (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 1
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 administered by the College Board. ****NCAA approved course. To be eligible for Saint Louis University credit, students must have a minimum GPA (2.5 for 11th and 12th graders and a 3.0 for 10th graders) and meet any required minimum testing score.**

Course Type	Full Year Weighted Course	Prerequisite	Honors Chemistry, Algebra II
Course Number	H4265-1st Sem/H4270- 2nd Sem	Credit	1 unit Science

Science Department Flow Chart

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

For students who plan on going into a Non-STEM related career

Freshman Year	Sophomore Year	Junior Year	Senior Year
H4110 Physical Science	H4120 Biology	Any	Any

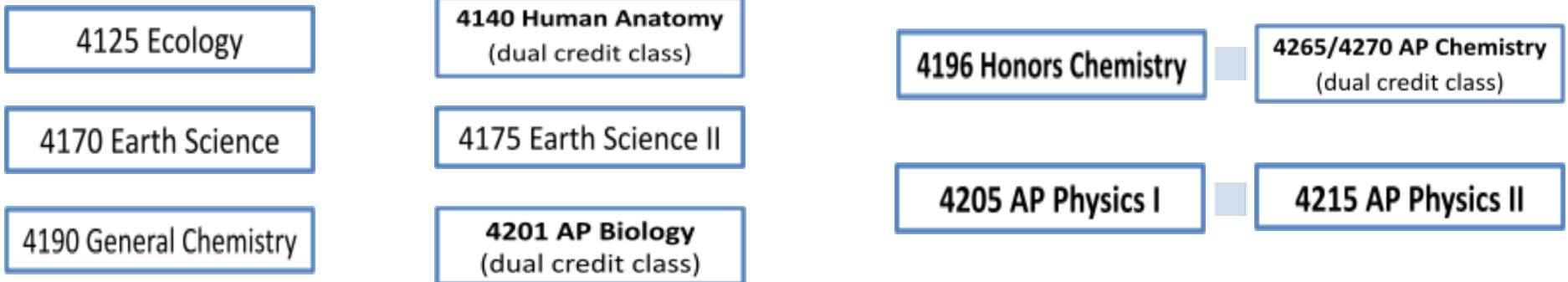
For students who plan on going into a science, technology, engineering, mathematics (STEM) related career

Freshman Year	Sophomore Year	Junior Year	Senior Year
H4196 Honors Chemistry	H4120 Biology *H4265/H4270 AP Chem	H4205 AP Physics I	Any but H4190
	<i>*if you plan to take AP Chem it is recommended that you double up sophomore year</i>		

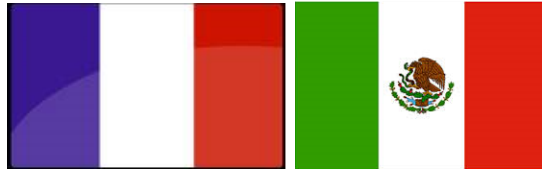
For students who struggle in math and science and need science content taught in a variety of ways

Freshman Year	Sophomore Year	Junior Year	Senior Year
H4100 Physical Science A	H4105 Physical Science B	H4120 Biology	Any

Science classes that can fit into the “any” category. Earth Science and Earth Science II are only semester classes.



World 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	Spanish I
Course Number	H5120	Credit	1 unit Elective

SPANISH III (11, 12) This dual credit 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 earned 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	Spanish II
Course Number	H5130	Credit	1 unit Elective

SPANISH IV (12) In this dual credit class, 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 weighted class, students should expect to be challenged. The students will learn different forms of writing styles. If a student chooses to enroll in Spanish IV and earned 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	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	French I
Course Number	H5220	Credit	1 unit Elective

FRENCH III (10, 11, 12) This is a weighted dual credit 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	French II
Course Number	H5230	Credit	1 unit Elective

FRENCH IV (11, 12) This is a weighted dual credit 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	French III
Course Number	H5240	Credit	1 unit Elective

FINE ARTS



FULL YEAR COURSES

AP Art
Mixed Choir
Treble Choir
Tenor/Bass Choir
Concert Choir
Marching/Freshman Band
Concert Band
Jazz Band
AP Music Theory - Not offered for 25-26

SEMESTER COURSES

*Semester offered depends on Master Schedule
Some course may be offered both semesters

Introduction To Art
Drawing
Painting
3D Design
Pottery I
Pottery II
Beginning Piano
Music Appreciation

First Semester
Marching Band

Second Semester
Symphonic Band

INTRODUCTION TO ART (9, 10, 11, 12) This course is designed to provide students with the foundations of artistic expression. Students will learn how to manipulate the design elements and principles of art, as well as use a variety of media to communicate ideas creatively.

Course Type	Semester Course	Prerequisite	None
Course Number	H6110	Credit	0.5 unit Fine Art

DRAWING (9, 10, 11, 12) Drawing skills will be developed using a variety of techniques and media such as pencil, charcoal, chalk, pen and ink. Students will keep a drawing sketchbook throughout the semester. 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	Semester Course	Prerequisite	Introduction to Art
Course Number	H6120	Credit	0.5 unit Fine Art

PAINTING (9, 10, 11, 12) Students will explore watercolor and acrylic paint, as well as learn color theory and painting 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	Semester Course	Prerequisite	Introduction to Art
Course Number	H6130	Credit	0.5 unit Fine Art

THREE DIMENSIONAL DESIGN (9, 10, 11, 12) Using the Elements and Principles of Design learned in Intro to Art, students will apply these concepts previously used to create 3-dimensional works of art. Students will explore, plan and execute additive/subtractive sculpture. There is an emphasis in recycled structure.

Course Type	Semester Course	Prerequisite	Introduction to Art
Course Number	H6140	Credit	0.5 unit Fine Art

POTTERY I (9, 10, 11, 12) Students will learn basic hand building techniques used to develop a wide variety of both functional and decorative objects. Students will also explore a variety of glazes and be introduced to the potter's wheel.

Course Type	Semester Course	Prerequisite	Introduction to Art
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. Students 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	Semester Course	Prerequisite	Pottery I
Course Number	H6160	Credit	0.5 unit Fine Art

AP ART (11, 12) The AP Art courses are designed for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition and execution in 2-D Art & Design, 3-D Art & Design, or Drawing. These courses are based on a student creating a body of work (portfolio) that demonstrates quality works of art and design, process documentation, and written information about the work presented. In building the portfolio, students need to demonstrate versatility with techniques, problem solving, and ideation as well as investigate an idea of personal interest to them. This portfolio will be submitted for the final. As in any college level course students will be expected to spend a considerable amount of time outside of class in order to complete assignments, homework and sketchbook assignments.

Course Type	Full Year Weighted Course	Prerequisite	Instructor Approval
Course Number	H6190	Credit	1.0 unit Fine Art

BEGINNING PIANO (9, 10, 11, 12) This class is for students who seek to develop piano skills starting at the beginning of the process. We will spend class time developing music skills both on and off of the keyboard in order to gain skills both in playing as well as music theory. Students will learn a variety of etudes (songs) by reading music and other methods of playing including improvisation, composition, and playing by ear.

Course Type	Semester Course	Prerequisite	None
Course Number	H6225	Credit	0.5 unit Fine Art

MIXED CHOIR (9, 10, 11, 12) This class is primarily geared toward underclassmen and other less experienced singers. We will develop the mechanics of the singing process and musical artistry. We will also develop sight-singing skills and music literacy. Performances will occur every semester, and attendance at concerts is required. There is no audition for this course.

Course Type	Full Year Course	Prerequisite	None
Course Number	H6255	Credit	1 unit Fine Art

TREBLE CHOIR (9, 10, 11, 12) This is a class for students classified as treble (soprano or alto) voices. Students in this group, while not as advanced as they will become, will generally have stronger singing skills. Freshmen 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	Instructor Approval
Course Number	H6256	Credit	1 unit Fine Art

TENOR/BASS CHOIR (9, 10, 11, 12) This is a class for students classified as tenor and bass voices. Students in this group, while not as advanced as they will become, will generally have stronger singing skills. Freshmen 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	Instructor Approval
Course Number	H6258	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. This choir will travel and compete as opportunities provide.

Course Type	Full Year Course	Prerequisite	Instructor Approval
Course Number	H6260	Credit	1 unit Fine Art

MARCHING/FRESHMAN BAND (9) This year-long class is required for all 9th grade Band students. First semester, 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. Second semester, Freshman Band 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 contests in the spring and travels to a music festival. As a performance ensemble, attendance at all performances is required.

Course Type	Full Year Course	Prerequisite	Previous Band Experience
Course Number	H6285	Credit	1 unit Fine Art

MARCHING BAND (10, 11, 12) 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	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 contests 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	Director Approval
Course Number	H6300	Credit	0.5 unit Fine Art

CONCERT BAND (10, 11, 12) This course allows 10th - 12th band members to continue playing concert music during the first semester if not in marching band. Advanced musicians may enroll to play a secondary instrument. This band also attends contests 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
Course Number	H6310	Credit	1 unit Fine Art

JAZZ BAND (9, 10, 11, 12) This small sized band is made up of some of the best instrumental players in the school, and plays a variety of jazz styles. This is a supplemental band course and placement is limited. Students must attend ALL performances including concerts, sporting events, festivals, and community events.

Course Type	Full Year Course	Prerequisite	Director Approval
Course Number	H6320	Credit	1 unit Fine Art

MUSIC APPRECIATION (9, 10, 11, 12) This is a non-performance class that explores music of various styles through listening experiences. All styles of music are covered (classical, folk, music theater, jazz, popular, etc.). Investigations of composers and performers integral to the styles are included in the class. Activities include listening, discussions, projects, and presentations on each style of music.

Course Type	Semester Course	Prerequisite	None
Course Number	H6400	Credit	0.5 unit Fine Art

AP MUSIC THEORY (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. **Not being offered in 25-26.**

Course Type	Full Year Weighted Course	Prerequisite	Instructor Approval
Course Number	H6405	Credit	1 unit Fine Art

Personal Finance



SEMESTER COURSE

Personal Finance

PERSONAL FINANCE (10, 11, 12) Understanding and managing personal finances are key to one's future financial success. This course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. The key topics covered are (1) Financial Decision Making, (2) Earning Income, (3) Buying Goods and Services, (4) Saving, (5) Using Credit, (6) Protecting and Insuring, and (7) Financial Investing. This course is required for graduation for all students and fulfills the Personal Finance graduation requirement.

****This course may be taken for Dual Credit through Missouri State University. To be eligible for Missouri State University credit, students must have at least a 3.0 cumulative GPA and either an ACT Composite Score of 21 or higher or have meet the requirement of MSU's Selection Index Scale (The Selection Index scale calculator is available at www.MissouriState.edu/AdmissionCalculator). 9th graders are not eligible to take this course for dual credit.***

Course Type	Semester Course	Prerequisite	None
Course Number	H7005	Credit	0.5 unit Personal Finance

PRACTICAL ARTS



FULL YEAR COURSES

Accounting
AP Computer Science Principles
Retailing/School Based Enterprise
Intro to Engineering Design
Principles of Engineering
Computer Integrated Manufacturing
Carpentry

SEMESTER COURSES

*Semester(s) offered depends on Master Schedule
Some courses may be offered both semesters

Business Management & Entrepreneurship
Computer Applications I
Computer Applications II
Computer Science
Digital Media
Digital Publishing
Marketing I
Marketing II
Food Preparation
Child Development I
Child Development II
Housing & Internal Design
Industrial Technology
Engineering Essentials

COMPUTER APPLICATIONS I (9, 10, 11, 12) Understanding computer concepts, possessing computer skills and knowing how to apply them are essential in today's world. Students utilize Microsoft Excel, Word, and PowerPoint applications to develop computer competency in the use of Internet, word processing, spreadsheet, and multimedia presentation skills. The use of integrated software allows students to combine all their computer knowledge into a variety of projects. This class offers a variety of simulations, providing students with various opportunities to experience real-world situations and applications of technology. This is a project-based course in a computer lab setting.

Course Type	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.

Course Type	Semester Course	Prerequisite	Computer Applications I
Course Number	H7025	Credit	0.5 unit Practical Art

COMPUTER SCIENCE (9, 10, 11, 12) Computer Science (CS) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as problem solving, animations and games, design challenges, programming, and data. The course inspires students as they build their own apps, games, and physical computing devices. Students also learn the fundamentals of computer programming as well as some features of current programming languages. Topics include commands, loops, functions, variables, operators, and user input. This course is highly recommended prior to taking AP Computer Science Principles (AP CSP).

Course Type	Semester Course	Prerequisite	None
Course Number	H7058	Credit	0.5 unit Practical Art

AP COMPUTER SCIENCE PRINCIPLES (11, 12) Students are introduced to the basic principles of computer science (CS) from the perspective of mobile computing, including programming in MIT App Inventor®, a graphical programming language for Android mobile devices. Students incorporate programming while also integrating all other AP CSP big ideas: creativity, abstraction, data and information, algorithms, the Internet, and global impact. Students develop problem solving skills honing in on the computational thinking practices as indicated in the AP CSP curriculum framework. Students create socially useful computational artifacts using App Inventor as well as connect computing and learn about abstracting as they develop and analyze their programs. Communication and collaboration are emphasized in a project-based approach and classroom environment. This course involves a strong writing component. Students maintain a portfolio of their work, which will include several performance tasks in the areas of programming and the impact of computing technology. Due to its rigorous content and challenging assignments, students will receive a grade on the weighted grading scale. Students will be prepared for the AP Computer Science exam administered by the College Board.

Course Type	Full Year Weighted Course	Prerequisite	70%+ Algebra I
Course Number	H7070	Credit	1 unit Practical Art

BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (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. Students start and operate their own small business, the FHS School Store, emphasizing the critical problem solving skills required to be successful. Students research business ideas, calculate costs, construct a business plan, identify financing options, develop a marketing plan and operate this business with other students.

Course Type	Semester Course	Prerequisite	None
Course Number	H7105	Credit	0.5 unit Practical Art

RETAILING/SCHOOL BASED ENTERPRISE (10, 11, 12) An instructional program that prepares individuals to apply marketing skills in retail establishments. Principles, practices and procedures are taught as related to the field of retailing with an emphasis in Financial analysis, Marketing Information management, Market Planning, Product service management, Pricing, Distribution/Channel Management, Operation, Human Resources, Promotions, Selling. The Tiger Team Store will be used as an instructional tool to apply the course material.

Course Objectives: <https://dese.mo.gov/sites/default/files/bmit-retailing-objectives.pdf>

Course Type	Full Year Course	Prerequisite	None
Course Number	H7125	Credit	1 unit Practical Art

DIGITAL MEDIA (9, 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. Time management skills, meeting deadlines, participation, and attendance are critical components of this course.

Course Type	Semester Course	Prerequisite	Computer Apps I
Course Number	H7130	Credit	0.5 unit Practical Art

WEB DESIGN (9, 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	Semester Course	Prerequisite	Computer Apps I
Course Number	H7150	Credit	0.5 unit Practical Art

DIGITAL PUBLISHING (9, 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 improve 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	Semester Course	Prerequisite	Computer Apps I
Course Number	H7168	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. Students start and operate their own small business, the FHS School Store, emphasizing the critical problem solving skills required to be successful. Students research business ideas, calculate costs, construct a business plan, identify financing options, develop a marketing plan and operate this business with other students.

Course Type	Semester Course	Prerequisite	None
Course Number	H7175	Credit	0.5 unit Practical Art

MARKETING II (11, 12) This problems-based course builds on the concepts introduced in Marketing I through an in-depth study of international marketing, marketing research, and marketing planning. Computer projects, public presentations, and simulations will be an important part of this class. Students develop a marketing plan and explain how external factors influence marketing decisions and have an opportunity to participate in class projects that are designed to encourage decision-making and personal leadership development.

Course Type	Semester Course	Prerequisite	Marketing I or co-enrollment in SME
Course Number	H7176	Credit	0.5 unit Practical Art

ACCOUNTING I (10, 11, 12) Accounting is an important business course for all students. Accounting prepares students interested in majoring in a college business program, future entrepreneurs, investors, as well as anyone seeking a better understanding of finances. Get ready to problem solve for local communities and analyze financial statements of real businesses for future investments. Explore and master: automated accounting, careers in accounting (CPA, FBI, law and forensics), evaluation of a company's financial statements, problem solving for local municipalities and small businesses, ethical decision making and GAAP, and accounting cycle for sole proprietorships and corporations.

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

FOOD PREPARATION (9, 10, 11, 12) Food Prep is a course to prepare the student for independent living. Basic food preparation skills, with the emphasis on fruits, vegetables, herbs and spices, sauces, breads and pastries, meats, and the use and care of kitchen equipment, including knife handling, kitchen sanitation, and proper food handling techniques will be studied. We will also prepare individuals for understanding the principles of nutrition; the relationship of nutrition to health and wellness; meal management to meet individual food needs and patterns of living; food marketing; and optimal use of the food dollar when shopping.

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

CHILD DEVELOPMENT I (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	Semester Course	Prerequisite	None
Course Number	H7250	Credit	0.5 unit Practical Art

CHILD DEVELOPMENT II (11, 12) Students in this course will explore child development ages 3-18. We will focus on the physical, cognitive, and psychosocial development at Early childhood, middle childhood, and adolescence while also exploring parenting and education at each level.

Course Type	Semester Course	Prerequisite	None
Course Number	H7255	Credit	0.5 unit Practical Art

HOUSING AND INTERIOR DESIGN (9, 10, 11, 12) Students will explore their creativity in the field of interior design. Identifying the elements and principles of design are emphasized. Other topics included are housing basics, housing policies, furniture arrangement basics, floor plan evaluation, area planning and careers. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education.

Course Type	Semester Course	Prerequisite	None
Course Number	H7260	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	Semester Course	Prerequisite	None
Course Number	H7300	Credit	0.5 unit Practical Art

ENGINEERING ESSENTIALS (9, 10, 11) This course is designed to be a high school student's first exposure to the PLTW engineering program. Students will explore the work of engineers and their role in the design and development of solutions to real-world problems. This course introduces students to engineering concepts that are applicable across multiple engineering disciplines.

Course Type	Semester Course	Prerequisite	None
Course Number	H7324	Credit	0.5 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	70%+ Algebra I or Engineering Essentials
Course Number	H7325	Credit	1 unit Practical Art

PRINCIPLES OF ENGINEERING (10, 11, 12) Principles of Engineering (POE) is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Course Type	Full Year Course	Prerequisite	Intro to Engineering Design
Course Number	H7326	Credit	1 unit Elective

COMPUTER INTEGRATED MANUFACTURING (10, 11, 12) This course provides an opportunity for students to develop a better understanding of the innovative and exciting industry of manufacturing. Students learn about manufacturing processes, product design, robotics, and automation. Students develop their knowledge and skills of Computer Aided Design and Manufacturing to produce products using a Computer Numerical Controlled (CNC) mill. Students apply the knowledge and skills gained in this course as they collaborate to design, build, and program factory system models.

Course Type	Full Year Course	Prerequisite	Intro to Engineering Design
Course Number	H7327	Credit	1 unit Practical Art

CARPENTRY (10, 11, 12) This is a carpentry class that will cover the following topics: Identify the career and entrepreneurial opportunities within the carpentry trade, building materials, fasteners, adhesives, hand and power tools, introduction to construction drawings, specifications, layout, floor systems, wall systems, ceiling joist and roof framing, basic stair layout, and introduction to building envelope systems. Upon completion of the course students may test for an IRC Certificate in Carpentry.

Course Type	Full Year Course	Prerequisite	Industrial Technology
Course Number	H7410	Credit	1 unit Practical Art

Lifetime Health



SEMESTER COURSE

Lifetime Health

LIFETIME HEALTH (9, 10, 11, 12) 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, suicide prevention reproduction, pregnancy, abstinence, first aid, CPR, personal fitness, and nutrition and supplements will be discussed.

Course Type	Semester Course	Prerequisite	None
Course Number	H8000	Credit	0.5 unit Health

Physical Education



FULL YEAR COURSES

Advanced Fitness & Conditioning
Zero Hour Lifting for Sport

SEMESTER COURSES

Offered both semesters and can be taken both semesters

Fitness & Conditioning
Men's Lifetime Physical Education
Women's Lifetime Physical Education

MEN'S LIFETIME PHYSICAL EDUCATION (9, 10, 11, 12) 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 Type	Semester Course	Prerequisite	None
Course Number	H8070	Credit	0.5 unit Physical Education

WOMEN'S LIFETIME PHYSICAL EDUCATION (9, 10, 11, 12) 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 Type	Semester Course	Prerequisite	None
Course Number	H8080	Credit	0.5 unit Physical Education

FITNESS & CONDITIONING (9, 10, 11, 12) This course is designed to improve overall athletic performance. You will receive a high intensity workout. Mobility and posterior chain development 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 can be enrolled in no more than two PE classes per semester.

Course Type	Semester Course	Prerequisite	None
Course Number	H8185	Credit	0.5 unit Physical Education

ADVANCED FITNESS & CONDITIONING (9, 10, 11, 12) This course is designed for highly motivated individuals to improve overall athletic performance. You will receive a high intensity workout. Mobility and posterior chain 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 can be enrolled in no more than two PE classes per semester.

Course Type	Full Year Course	Prerequisite	Instructor Approval
Course Number	H8186	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 can be enrolled in no more than two PE classes per semester.

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

Electives



FULL YEAR COURSES

AP Psychology
Supervised Marketing Experience
Elementary School Cadet Teaching
Intermediate School Cadet Teaching
Middle School Cadet Teaching
Yearbook Journalism
Office Assistant
Tiger Tech Team

SEMESTER COURSES

*Semester(s) offered depends on Master Schedule
Some may be offered both semesters

Public Speaking
General Psychology
Introduction to Sociology
Military History
Sports and Social Studies
Transitions I
Library Practice
Students As Tutors/Mentors
Exploring the Field of Education
Intro To Theater
Advanced Speech & Theater
Contemporary Issues
World Religions

INTRO TO THEATER (9, 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	Semester Course	Prerequisite	None
Course Number	H1235	Credit	0.5 unit Elective

PUBLIC SPEAKING (9, 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	Semester Course	Prerequisite	None
Course Number	H1240	Credit	0.5 unit Elective

ADVANCED SPEECH & THEATER (9, 10, 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	Semester Course	Prerequisite	Intro to Theater or Public Speaking
Course Number	H1245	Credit	0.5 unit Elective

CONTEMPORARY ISSUES (10, 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	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	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 of race and gender in society, family and marriage, religion, and how to conduct sociological research. ****NCAA approved course.**

Course Type	Semester Course	Prerequisite	None
Course Number	H2170	Credit	0.5 unit Elective

WORLD RELIGIONS (10, 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	Semester Course	Prerequisite	World History
Course Number	H2180	Credit	0.5 unit Elective

MILITARY HISTORY (10, 11, 12) Survey of the world history of warfare and military tactics from ancient times to modern day. Students will study the basic war theories of Thucydides, Herodotus, Sun Tzu, and Clausewitz. Primary and secondary sources will be emphasized and analyzed throughout the course. Continuity and change over time will be illustrated by using the following themes within each era of military history: 1) the attitudes of particular ages toward warfare; 2) how war influenced the society of particular periods; 3) the impact of technology on warfare in each period; 4) the nature of armies within each period, considering their structure and organization; and 5) how individual soldiers actually experienced the warfare of their time. Case studies of the most important battles and engagements will provide concrete examples of the above themes. ****NCAA approved course.**

Course Type	Semester Course	Prerequisite	World History
Course Number	H2195	Credit	0.5 unit Elective

SPORTS AND SOCIAL STUDIES (9, 10, 11, 12) Students will analyze the world of sports through every aspect of social studies. Students will learn about sports management, sports history, sports psychology, sports medicine, etc. This course is intended for students considering a sports-related career in the fields of business, marketing, journalism, medicine, or even education. This course will provide a practical application of social studies and its skills. It will combine social studies standards from multiple courses into an interesting and enjoyable course. It will also introduce other social studies electives such as psychology, sociology, and contemporary issues. Students will participate in STEAM projects in social studies to provide hands-on experience and increased engagement.

Course Type	Semester Course	Prerequisite	None
Course Number	H2198	Credit	0.5 unit Elective

EXPLORING THE FIELD OF EDUCATION (11, 12) This course is recommended for students who are considering a career in the field of education. Topics discussed will include career options in education, teacher preparation and certification, introduction of effective teaching, and resolving personal and interpersonal issues. Students will be required to complete six hours of classroom observations and two interviews. ****Students with a 3.0 cumulative GPA are eligible for Jefferson College credit. Students with a cumulative GPA between 2.5 and 2.99 are eligible for Jefferson College credit with parent permission and an ACT Reading score of at least 18. An ACCUPLACER Next Generation score of at least 246 may be substituted in lieu of the required ACT score.***

Course Type	1st Semester Course	Prerequisite	None
Course Number	H9080	Credit	0.5 unit Elective

SUPERVISED MARKETING EXPERIENCE (12) Students are placed in employment that directly contributes to the development of the competencies necessary for successful employment in the field of marketing. The student must be concurrently enrolled in a Marketing II. This is a cooperative vocational education program and must follow guidelines established for these programs. Upon course approval, students will be enrolled in one class period if they average 10-19 hours of work a week and two class periods if they average 20+ hours of work a week. Priority will be given to students working 20+ hours.

Course Type	Full Year Course	Prerequisite	Co-enrollment in Marketing II & Instructor Approval
Course Number	H9095 & H9096	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	Semester Course	Prerequisite	Enrollment in A+ Schools Program
Course Number	H9105	Credit	0.5 unit Elective (Pass/Fail class)

TRANSITIONS I (9, 10, 11) This course focuses on developing skills which ensure a successful transition to high school. Students will get help with organization, study skills, and vocabulary. This course is for those students who had academic difficulty.

Course Type	Semester Course	Prerequisite	Counselor Approval
Course Number	H9120	Credit	0.5 unit Elective

LIBRARY PRACTICE (11, 12). Student library assistants help the library staff manage and maintain the library space and its collection of resources. SLA duties include checking books in and out to students, shelving books that are returned, and performing other tasks as necessary. Potential SLAs must have good customer service skills, good attention to detail, and the ability to maintain confidentiality. This is not a repeatable class.

Course Type	Semester Course	Prerequisite	Librarian Recommendation
Course Number	H9130	Credit	0.5 unit Elective (Pass/Fail class)

YEARBOOK JOURNALISM (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	Full Year Course	Prerequisite	Instructor Approval
Course Number	H9135	Credit	1 unit Elective

ELEMENTARY SCHOOL CADET TEACHING (12) A history of outstanding attendance and 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	None
Course Number	H9144	Credit	1 unit Elective (Pass/Fail class)

INTERMEDIATE SCHOOL CADET TEACHING (12) A history of outstanding attendance and 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	None
Course Number	H9146	Credit	1 unit Elective (Pass/Fail class)

MIDDLE SCHOOL CADET TEACHING (12) A history of outstanding attendance and 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	None
Course Number	H9148	Credit	1 unit Elective (Pass/Fail class)

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

PRINCIPAL OFFICE ASSISTANT (12) Students will assist the principal's office staff. Some job duties include: running messages, running passes, putting teacher's mail in their mailboxes, making copies, and getting the little kids on the bus 1st hour. **Confidentiality is extremely important and mandatory.** Near perfect attendance and discipline are required to be considered for this class.

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

COUNSELING OFFICE ASSISTANT (12) Students will assist the counseling office staff. Some job duties may include: sorting, mass mailings, running passes, new student tours, and assisting visitors. Students will not be allowed to use this time to work on materials for clubs and activities. **Confidentiality is extremely important and mandatory.** Near perfect attendance and discipline are required to be considered for this class.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9166	Credit	None

ASSISTANT PRINCIPAL OFFICE ASSISTANT (12) Students will assist the assistant principal's office staff. Job duties include running passes, picking up attendance, clerical, and other jobs as needed. **Confidentiality is extremely important and mandatory.** To be considered for this position, students must have near perfect attendance and discipline, as well as high standing with grades.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9167	Credit	None

ATHLETIC OFFICE ASSISTANT (12) Students will assist the athletic office staff. Students should have an interest in sports and/or sports journalism. Students should have a knowledge of photo editing and may be asked to assist with website design and written articles. **Confidentiality is extremely important and mandatory.** Near perfect attendance and discipline are required to be considered for this class.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9169	Credit	None

ACADEMIC HONOR TIME (11, 12) This class is for students who are taking advanced courses. Students must be co-enrolled in at least 3 weighted courses. Students are expected to work independently and quietly during the class period, have good attendance, and not have any major disciplinary issues.

Course Type	Full Year Course	Prerequisite	None
Course Number	H9175	Credit	None

TIGER TECH TEAM (10, 11, 12) Members of the Tiger Tech Team will assist the librarian and the district IT department in managing, maintaining, and repairing the fleet of Chromebooks for the entire district. Potential members must have good customer service skills, be able to follow a set of procedures, and be willing to challenge themselves to learn new technology skills.

Course Type	Full Year Course	Prerequisite	Librarian and Teacher Recommendation
Course Number	H9180	Credit	1 unit Elective (Pass/Fail class)

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.



Festus R-VI School District

English Language Arts Department

Course Progression



6th Grade

6th Grade ELA
Literacy Support
ELA Resource

7th Grade

7th Grade ELA
7th Grade Advanced ELA
Literacy

8th Grade

8th Grade ELA
8th Grade Advanced ELA
Literacy

Four ELA credits are required for graduation.

Bolded subjects indicate weighted classes.

Freshman Year

ELA I
Advanced ELA I

Sophomore Year

ELA II
Advanced ELA II

Junior Year

ELA III
Advanced ELA III

Senior Year

ELA IV
AP English Lit & Comp

Optional ELA Courses

Other ELA Options

ELA Credit Recovery (ELA I and II only)

Elective Options within ELA

ELA Support (ELA I and II only)
Introduction to Theater
Public Speaking
Advanced Speech & Theater



Festus R-VI School District Social Studies Department Course Progression



6th Grade

Ancient Civilizations/World
History
Quest

7th Grade

World Cultures & Geography
Yearbook
Quest

8th Grade

US History I
Yearbook
Quest

Three Social Studies credits are required for graduation.

Bolded subjects indicate weighted classes.

Freshman Year

World History

Sophomore Year

United States History

Junior Year

US Government

Senior Year

AP US History

Optional Elective Social Studies Courses

Freshman Year

Sports and Social Studies

Sophomore Year

Sports and Social Studies
Contemporary Issues
World Religions
Military History

Junior Year

Sports and SS
Contemporary Issues
World Religions
Military History
General Psychology
Intro to Sociology

Senior Year

Sports and SS
Contemporary Issues
World Religions
Military History
General Psychology
Intro to Sociology
AP Psychology



Festus R-VI School District Mathematics Department Course Progression



6th Grade

6th Grade Mathematics
Advanced 6th Grade Math
Mathematics Support

7th Grade

7th Grade Mathematics
Advanced 7th Grade Math

8th Grade

8th Grade Mathematics
Algebra I

Three mathematics credits are needed for graduation.

Bolded subjects indicate weighted classes.

Freshman Year

Pre-Algebra
Algebra I
Advanced Geometry

Sophomore Year

Algebra I
Geometry
Advanced Algebra II

Junior Year

Geometry
Algebra II

Senior Year

Freshman Year

Geometry

Other Mathematic Credit Options

Sophomore Year

Advanced Geometry
Industrial Math
Algebra II
Advanced Algebra II
AP Statistics

Junior Year

Advanced Geometry
Industrial Math
Advanced Algebra II
AP Statistics
College Algebra
Precalculus

Senior Year

Geometry
Advanced Geometry
Industrial Math
Algebra II
Advanced Algebra II
Survey of College Mathematics
AP Statistics
College Algebra
Precalculus
AP Calculus AB

Algebra I Support (This is an elective credit but does NOT meet requirements for a math credit.)



Festus R-VI School District

Science Department

Course Progression



6th Grade

General Science

7th Grade

Physical, Earth, & Space Sciences

8th Grade

Physical, Earth & Life Sciences

Three science credits are required for graduation.

Bolded subjects indicate weighted courses.

Freshman Year

Physical Science A

Physical Science

Honors Chemistry

Sophomore Year

Physical Science B

Biology

Junior/Senior Year

Biology

Ecology

Human Anatomy

Earth Science

Earth Science II

General Chemistry

Honors Chemistry

AP Chemistry

AP Biology

AP Physics I

AP Physics II

Double-Up Options with Biology

Earth Science

General Chemistry

Honors Chemistry

AP Chemistry (*suggested for students who took Honors Chemistry as a freshman*)



Festus R-VI School District World Language Department Course Progression



6th Grade

7th Grade

8th Grade

French I

Two credits of the same World Language are needed for an Honors Diploma. Bolded subjects indicate weighted courses.

Freshman Year

Spanish I
French I
French II

Sophomore Year

Spanish I
Spanish II
French I
French II
French III

Junior Year

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

Senior Year

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



**Festus R-VI School District
Fine Arts Department
Course Progression
Art**



6th Grade

Art 6

7th Grade

Art I

Art II

8th Grade

Art I

Art II

One Fine Arts credit is required for graduation.

Bolded subjects indicate weighted courses.

Freshman Year

Introduction to Art

Drawing

Painting

3-D Design

Pottery I

Sophomore Year

Introduction to Art

Drawing

Painting

3-D Design

Pottery I

Pottery II

Junior Year

Introduction to Art

Drawing

Painting

3-D Design

Pottery I

Pottery II

AP Art

Senior Year

Introduction to Art

Drawing

Painting

3-D Design

Pottery I

Pottery II

AP Art

*Introduction to Art is the prerequisite for Drawing, Painting, 3-D Design, and Pottery I.



**Festus R-VI School District
Fine Arts Department
Course Progression
Music**



6th Grade

Chorus
Beginning Band
General Music

7th Grade

Chorus
Band

8th Grade

Treble Choir
Band
Concert Choir

One Fine Arts credit is required for graduation.

Bolded subjects indicate weighted courses.

Freshman Year

Beginning Piano
Music Appreciation
Mixed Choir
Treble Choir
Tenor/Bass Choir
Concert Choir
Marching/Freshman Band
Jazz Band

Sophomore Year

Beginning Piano
Music Appreciation
Mixed Choir
Treble Choir
Tenor/Bass Choir
Concert Choir
Marching Band
Jazz Band
Symphonic Band
Concert Band
AP Music Theory

Junior Year

Beginning Piano
Music Appreciation
Mixed Choir
Treble Choir
Tenor/Bass Choir
Concert Choir
Marching Band
Jazz Band
Symphonic Band
Concert Band
AP Music Theory

Senior Year

Beginning Piano
Music Appreciation
Mixed Choir
Treble Choir
Tenor/Bass Choir
Concert Choir
Marching Band
Jazz Band
Symphonic Band
Concert Band
AP Music Theory



**Festus R-VI School District
Practical Arts Department
Course Progression
Business & Marketing**



6th Grade
Career Connections

7th Grade

8th Grade

One half of a Practical Arts credit is required for graduation.
One half credit of Personal Finance is also required for graduation.

Bolded subjects indicate weighted classes.

Freshman Year

Computer Applications I
Computer Applications II
Computer Science
Web Design

Sophomore Year

Computer Applications I
Computer Applications II
Computer Science
Digital Media
Web Design
Digital Publishing
Marketing I
Retailing/School Based
Accounting I
Personal Finance

Junior Year

Computer Apps I
Computer Apps II
Computer Science
Digital Media
Web Design
Digital Publishing
Marketing I
Retailing/School Based
Accounting I
Marketing II
AP Comp Sci Prin
Business Mgmt & Entre.
Personal Finance

Senior Year

Computer Apps I
Computer Apps II
Computer Science
Digital Media
Web Design
Digital Publishing
Marketing I
Retailing/School Based
Accounting I
Marketing II
AP Comp Sci Prin
Bus Mgmt & Entre
Personal Finance
SME



**Festus R-VI School District
Practical Arts Department
Course Progression
Family and Consumer Sciences**



6th Grade

7th Grade

FCS A

8th Grade

FCS A

FCS B

One half of a credit of Practical Arts is required for graduation.

Bolded subjects indicate weighted courses.

Freshman Year

Foods & Nutrition
Housing & Interior Design

Sophomore Year

Foods & Nutrition
Housing & Interior Design

Junior Year

Foods & Nutrition
Housing & Interior Design
Child Development I
Child Development II

Senior Year

Foods & Nutrition
Housing & Interior Design
Child Development I
Child Development II



**Festus R-VI School District
Practical Arts Department
Course Progression
Industrial Technology & Engineering**



6th Grade

7th Grade

Introduction to Skilled Trades
Applications
Design and Modeling (PLTW)

8th Grade

Skilled Trades
Programming I
Computer Science for Innovators
and Makers (PLTW)
Application Design and Modeling
(PLTW)
Intro to Engineering & Design

One half of a credit of Practical Arts is required for graduation.

Bolded subjects indicate weighted courses.

Freshman Year

Industrial Technology
Engineering Essentials

Sophomore Year

Industrial Technology
Engineering Essentials
Intro to Engineering Design
Principles of Engineering
Comp Integrated Manufacturing
Carpentry

Junior Year

Industrial Technology
Engineering Essentials
Intro to Eng Design
Principles of Engineering
Comp Integrated Mfg
Carpentry

Senior Year

Intro to Eng Design
Principles of Engineering
Comp Integrated Mfg
Carpentry



Festus R-VI School District Physical Education Department Course Progression



6th Grade

Boys/Girls PE

7th Grade

Boys/Girls PE
Health

8th Grade

Strength & Conditioning
Health

One and a half credits of Physical Education are required for graduation. **Bolded subjects indicate weighted courses.**
One half credit of Health is required for graduation.

Freshman Year

Lifetime Health
Men's Lifetime PE
Women's Lifetime PE
Fitness & Conditioning
Adv Fitness & Conditioning

Sophomore Year

Lifetime Health
Men's Lifetime PE
Women's Lifetime PE
Fitness & Conditioning
Adv Fitness & Conditioning
Zero Hour Lifting for Sport

Junior Year

Lifetime Health
Men's Lifetime PE
Women's Lifetime PE
Fitness & Conditioning
Adv Fitness & Cond
Zero Hour Lifting for Sport

Senior Year

Lifetime Health
Men's Lifetime PE
Women's Lifetime PE
Fitness & Conditioning
Adv Fitness & Cond.
Zero Hour Lifting for Sport