

2021-2022



CUBA  
HIGH  
SCHOOL

STUDENT PLANNING HANDBOOK

Individual Career and Academic Plan (ICAP)  
Graduation Requirements  
Course Descriptions  
College and Career Planning

## **PLANNING A HIGH SCHOOL PROGRAM OF STUDIES**

### **ESTABLISHING GOALS**

As early as possible, students should determine goals for themselves. Students should think about a possible future career, how they will use their leisure time, what citizenship activities they will engage in, and a great many other things pertaining to their future life. Students should plan their high school careers for a definite purpose.

### **GUIDANCE HELP**

An effective school guidance program is based on a solid foundation that includes developmental and proactive strategies that address the individual and group needs of students, parents, and guardians, educational colleagues, and the community as a whole. The guidance department plays an important role in student's success through identification and interactive planning. The counselor provides one on one assistance and small group meetings to help students think through some of the decisions they must make in planning for high school, college and beyond.

### **Selection of Studies**

Crawford County R-II schools utilize the Missouri Connections career education program provided to the school by the Tech Prep consortium. Each student begins exploring career options and high school courses as a part of the middle school guidance curriculum. Course selection is based upon the student's future career choice. Missouri uses 16 career clusters as an organizational tool to assist educators with the student's career choice. The career clusters are used in the beginning of grade 7 and are continued for educational planning with each student's personal plan of study. A detailed description of the career clusters can be found at <https://dese.mo.gov/college-career-readiness/career-education/career-clusters> .

### **Individual Career and Academic Plan (ICAP)**

It is fully understood that interests and plans of students may change from year to year. But, it is required that each student complete a personal plan of study known as the Individual Career and Academic Plan (ICAP) with the assistance of his/her parents, counselors, principals, and/or teachers before the end of the first semester of their freshman year of high school. Individual Career and Academic Plans (ICAP) are addressed during eighth grade guidance lessons and again during freshman orientation. Parents are encouraged to be a part of their child's personal plan of study and are given opportunities to view the career education plan during the spring parent-teacher conference.

Cuba High School ensures that graduates have the knowledge, skills and competencies essential to leading productive, fulfilling and successful lives as they continue their education, enter the workforce and assume their civic responsibilities. Cuba High School has established a list of expectations that will challenge all students to reach their maximum potential. These expectations are built around the belief that the success of our students depends on both a solid

foundation of knowledge and skills and the ability of students to apply their knowledge and skills to the kinds of problems and decisions they will likely encounter after they graduate.

**NEW Minimum Graduation Credit Requirements effective 2021-22 School Year**

Class of 2022	26 (16.5 requirements plus 9.5 electives)
Class of 2023	25 (16.5 requirements plus 8.5 electives)
Class of 2024 and after	24 (16.5 requirements plus 7.5 electives)

Students must complete credits/course requirements and earn a passing grade in the following subjects to meet the Minimum Graduation Requirements\*:

English (4 credits\*)

Requirements\* and sequencing (noted under each subject):

English I\*

English II \*

English III \*

English Core or Elective\* (ex: College Composition, English IV or other English elective)

Social Studies (3 credits\*)

World History\*

American History\*

Government\*

Mathematics (3 credits\*)

Algebra I

or

Geometry

Geometry

Algebra II

Contemporary Math or Algebra II

College Algebra or PreCalculus

Science (3 credits\*)

Earth Science\*

Biology\*

Science Core\* (ex: College Biology, Physical Science, Chemistry, or other Science Core)

Fine Art (1 credit\*)

Music, Art, Dramatic Acting

Physical Education (1 credit\*)

Freshman PE, Health, Strength Training or Aerobics

Health (.5 unit\*)

Practical Art (1 credit\*)

Personal Finance (.5 unit\*)

Practical Art Elective (Family & Consumer Science, Business or Agriculture)

Electives (7.5-9.5\*; based on graduation year) Classes in excess of requirements in each subject will count toward elective credit.

The Department of Elementary and Secondary Education requires the successful completion of the United States and Missouri Constitution tests. Both constitutions will be taught in Government. The Missouri Civics Education Initiative requires any student entering 9<sup>th</sup> grade after July 1, 2017 to pass an examination on their provisions and principles of American civics. Also, graduates from any public district or charter school must have received 30 minutes of cardiopulmonary resuscitation (CPR) instruction and training in the proper performance of the Heimlich maneuver or other first aid for choking.

Students planning to attend a four year college or university should be aware admission requirements may differ from minimum high school graduation requirements. For example:

**University of Missouri  
High School Coursework Requirements for Freshman Admission**

- **English:** Four units, one of which may be in speech or debate; two units emphasizing composition or writing skills
- **Mathematics:** Four units, Algebra 1 or higher
- **Science:** Three units (not including general science), one of which must be a lab
- **Social Studies:** Three units
- **Foreign Language:** Two units of the same language
- **Fine Arts:** One unit

**STUDENT CLASSIFICATION**

Classification standards for course enrollment for the year are listed below. To be classified as a:

- Sophomore-must have at least 5 credits.
- Junior-must have at least 13 credits.
- Senior-must have at least 20 credits.

**GRADING SCALE**

The following grading scale below will be used by all high school instructors:

A 100-95	B- 83-80	D+ 69-67
A- 94-90	C+ 79-77	D 66-64
B+ 89-87	C 76-74	D- 63-60
B 86-84	C- 73-70	F 59- below

## **SCHEDULE CHANGES**

Students will have an opportunity at the beginning of each semester to change their schedules. All changes must be made through the counseling office. Students will be notified of the last day to make schedule changes via the announcements. After these dates, the Principal's approval is required to make a schedule change. Schedule changes after this time will result in the student receiving an F for the semester for the class dropped and this will be placed on his/her permanent record.

## **A+ SCHOLARSHIP PROGRAM**

This program provides scholarship funds to eligible graduates of A+ designated high schools who attend a Missouri participating public community college or vocational/technical school, or certain private two-year vocational/technical schools depending on fund appropriations. (This program is designated to reimburse the unpaid balance of tuition and general fees (room/board and program specific fees are not considered general fees) for full-time students at qualifying colleges and schools AFTER all non-loan federal financial assistance such as federal Pell grant have been applied. The tuition amount eligible for reimbursement is capped at the standard credit hour tuition rate of State Technical College of Missouri.

To be eligible for the A+ Program:

- Be a U.S. citizen or permanent resident
- Enter into a written agreement and provide to A+ Coordinator. The students and parents/guardians must sign an A+ Student Agreement.
- Attend a designated A+ high school for 2 years prior to graduation.
- Graduate with an overall grade point average of 2.5 or higher on a 4.0 scale.
- Have at least a 95% attendance record cumulative for grades 9-12.
- Perform at least 50 hours of unpaid tutoring or mentoring within Crawford County R-II Schools as assigned by the A+ Coordinator prior to graduation. A+ Tutoring course is available to assist in meeting the tutoring/mentoring requirement.
- Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol while in grades 9-12.
- Achieve a score of proficient or advanced on the Algebra I end of course exam or a higher level DESE approved end-of-course exam in the field of mathematics. (If you meet all of the eligibility requirements except the end of course exam requirement, you may establish eligibility by achieving a combined ACT math subscore and high school GPA. The Missouri Department of Higher Education will determine qualifying eligibility requirements annually.)

Although not required to meet A+ eligibility as a high school student, the following will be required as an initial postsecondary student and completion will be requested during the senior year by the A+ Coordinator to assist students.

- Completion of a Free Application for Federal Student Aid (FAFSA). FAFSA can be completed online at <https://fafsa.ed.gov>. Provide proof of registration to the A+ Coordinator by February 1st of senior year.

- Male students must register for selective service within 60 days of their 18<sup>th</sup> birthday. A copy of the verification will be provided to the A+ Coordinator.

### **ACTIVITY ACADEMIC ELIGIBILITY**

(All other activity eligibility requirements can be found in the Activities Handbook.)

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

A student must be currently enrolled in and regularly attending courses that offer 80% of the maximum credits that could be earned. A student must also have earned 80% of the maximum credits (this means CHS students must pass 7 classes) the preceding semester of attendance; or a student must be enrolled in a full course at his or her level in a special education program for the handicapped approved by the Missouri State Department of Education which, though un-graded, enrolls pupils of equivalent age, and that student must have made standard progress for his or her level the preceding semester.

A beginning 9th grade student shall have been promoted from the 8th grade to the 9th grade for first semester eligibility.

A student must be making satisfactory progress towards graduation as determined by local school policies.

A student who was academically ineligible the preceding semester (high school) or grading period (junior high) but meets the academic standard at the close of that semester (high school) or grading period (junior high) becomes eligible the fifth day classes are attended in the succeeding semester (high school) or grading period (junior high). A student who becomes academically ineligible shall lose the privilege to represent the school the fifth day classes are attended in the succeeding semester (high school) or grading period (junior high).

Credit earned or completed after the close of the semester shall not count as having been earned that semester, except in case of illness verified by a physician.

Summer school courses may count toward maintaining academic eligibility provided the credit earned for each course is placed on the school transcript, such course(s) must count toward meeting graduation/promotion requirements, and no more than one credit earned in summer school shall count toward maintaining academic eligibility.

Students interested in participation in college athletics need to understand the rules and regulations of the NCAA Eligibility Standards. <http://www.ncaa.org/student-athletes>

## Definition of Terms

**Credit:** Credit is the numerical designation assigned for passing a course. The amount of credit is listed with each course in the course listing section of each department.

**Elective:** An elective is a subject not required for graduation. This may be advanced study in a required subject area or exploratory courses in a variety of departments.

**Prerequisite:** A prerequisite is a course taken or grade level achieved before a student is able to take a particular course. (i.e. Spanish I must be completed before Spanish II; a student must be a junior or senior before taking a certain course)

**Required Course:** A required course is any course necessary to meet specific requirements set for graduation by the State of Missouri.

## HONORS COURSES

To enroll in an honors course, the student must earn a B in each prerequisite course (for both semesters) and complete an Application for Honors Course. Those who have C+ in one or more prerequisite course(s) may complete an application for an honors course with a recommendation from the teacher(s) of the prerequisite course(s). The recommendation is included on the bottom half of the application. Admission will be determined by the prerequisite teacher(s) and the teacher of the honors course. Students meeting the prerequisite course grade of B or above will be given first priority for enrollment.

Prerequisite course(s) are listed following the title of the honors course within the following pages. Honors classes are noted by an asterisk in front of the course description title. The grade is to be filled in by office staff not the student. Applications may be obtained from the counselor's office.

Dual credit courses are considered honors courses. The same application process is necessary. Dual credit courses may be counted toward satisfying core subject requirements for graduation as well as college credit. Currently, college credit is granted through East Central College. The College Board of Higher Education requires that each student enrolled have at least a 3.0 GPA (based on 4.0 scale). Dual credit math courses require the student to pass a placement test to enroll. It is the responsibility of the student enrolled in the course to pay the cooperating college for dual credit. Fee information will be provided by the teacher at the beginning of the course. A dual credit course can be taken for high school credit only. Dual credit is available to juniors and seniors.

**Honors Courses**

**English II Honors**

**English III Honors**

**Dual Credit College Composition Honors**

**Algebra II Honors**

**Dual Credit College Algebra Honors**

**Dual Credit Pre-Calculus/Trigonometry Honors**

**Dual Credit Calculus Honors**

**Biology I Honors**

**Chemistry Honors**

**Dual Credit College General Biology and Laboratory Honors**

**Dual Credit Introduction Anatomy and Physiology Honors**

**Dual Credit American History Honors**

**Dual Credit Early American History Honors**



## **Cuba High School Career Clusters Program of Study Templates**

“What do you want to do after high school?” That is a question that is asked of our students a multitude of times over the course of their public school education. It’s a question that is not easily answered, due to the enormous number of possible post-secondary alternatives that are currently available to our students. Technological advances and global competition have transformed the nature of both education and work. Tomorrow’s jobs will require more knowledge and training, highly developed 21<sup>st</sup> Century Skills, technological skills, and more flexible workers than ever before. Our students need to be prepared for, and informed of, the reality of several job and career changes over the course of their lifetimes. They need to understand that they will have to continually update their knowledge and skills, which may require additional training and/or education.

The Crawford County R-II School District offers a wide array of courses and experiences to its students. As students review course offerings and activities, we hope to guide them in choosing coursework and experiences that are relevant to their future goals.

In planning for post-secondary goals, students should start with examining where their own interests and talents lie. This can be accomplished in many different ways within the school district; researching middle and high school classes of interest, taking interest and skill inventories, participating in career fairs offered, and taking advantage of the many extra-curricular and enrichment activities available. The school district uses the Missouri Connections online program ([www.missouriconnections.org](http://www.missouriconnections.org)) for interest assessments and to explore the variety of options students have beyond high school. Students also take the PreACT during their 8<sup>th</sup> grade and sophomore (10<sup>th</sup>) year.

Using the results of career assessments students create their personal plan of study for their high school years and beyond. School counselors, teachers and other district personnel, are available to guide students and parents in this important planning process. The planning process is critical to not only meeting graduation requirements, but also to taking the coursework that will ultimately lead to a successful post-secondary transition.

The following program of study templates, serve as a guide, along with other career planning materials, to help students develop their personal plans of study. Courses listed within these program of study templates is recommended coursework only and should be individualized to meet each learner’s educational and career goals.



**Cuba High School**  
**Agriculture, Food & Natural Resources**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

**Minimum Graduation Requirements** **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  
It is suggested that students consider dual credit opportunities for postsecondary credit.

Secondary	Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
	9	English I	Algebra I Geometry	Earth Science	World History	PE Health Agriculture I		<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	10	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Fine Art Agriculture II Fundamentals of Marketing Spanish I		<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: <hr/> <b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	11	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Agricultural Mechanics Spanish II	<b>Rolla Technical Center</b>  Health Science Academy (Clinicals in Vet Clinic)	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
	12	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Agricultural Structures Floriculture Supervised Ag Experience A+ Tutoring	<b>Rolla Technical Center</b>  Health Science Academy (Clinicals in Vet Clinic)	<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input checked="" type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club

◆ Dual Credit Option

Revised Fall 2020

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



**Cuba High School**  
**Architecture & Construction**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit opportunities for postsecondary credit.					
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Spanish I	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Fine Art Spanish II	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Core Electives Housing Home Furnishing Psychology/Sociology Entrepreneurship	<b>Rolla Technical Institute</b> Construction Trades Drafting & Design HVACR Masonry Wood Manufacturing & Design
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Core Electives A+ Tutoring	<b>Rolla Technical Institute</b> Construction Trades Drafting & Design HVACR Masonry Wood Manufacturing & Design

◆ Dual Credit Option

Revised Fall 2020

Postsecondary Offerings – For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org)

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Linn State Technical College <a href="http://www.linnstate.edu">www.linnstate.edu</a></p> <p>Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Comm College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a></p> <p>Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p> <p>Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a></p>	<p>Arcadia Valley Tech Center - <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p>Clinton Tech School <a href="http://www.clinton.k12.mo.us">www.clinton.k12.mo.us</a></p> <p>Columbia Area Career Ctr - <a href="http://www.career-center.org">www.career-center.org</a></p> <p>Davis Hart Career Ctr- <a href="http://www.mexicoschools.net">www.mexicoschools.net</a></p> <p>Eldon Career Ctr - <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a></p> <p>Franklin Technology- MSSU <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p>Gibson Tech Ctr - <a href="http://www.wolves.k12.mo.us/gtc">www.wolves.k12.mo.us/gtc</a></p> <p>Grand River Technical School - <a href="http://www.grts.org">www.grts.org</a></p> <p>Hannibal Career and Technical Center <a href="http://www.hannibal.tec.mo.us">www.hannibal.tec.mo.us</a></p> <p>Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a></p> <p>Hillyard Technical Ctr - <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p>Lake Career &amp; Technical Center <a href="http://www.camdentonschools.org">www.camdentonschools.org</a></p> <p>Lebanon Technology and Career Ctr <a href="http://www.lebanon.k12.mo.us">www.lebanon.k12.mo.us</a></p> <p>Lex La-Ray Tech Ctr <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p>Kirkville Area Tech Ctr <a href="http://www.kirkville.k12.mo.us">www.kirkville.k12.mo.us</a></p> <p>Moberly Area Tech Ctr - <a href="http://www.moberly.k12.mo.us">www.moberly.k12.mo.us</a></p> <p>Nichols Career Center - <a href="http://www.jcps.k12.mo.us">www.jcps.k12.mo.us</a></p> <p>Northland Career Ctr - <a href="http://www.northlandcareercenter.com">www.northlandcareercenter.com</a></p> <p>Northwest Tech School - <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a></p> <p>Perryville Area Career/Tech Center <a href="http://www.perryville.k12.mo.us">www.perryville.k12.mo.us</a></p> <p>Pike-Lincoln Tech Ctr - <a href="http://www.pltc.k12.mo.us">www.pltc.k12.mo.us</a></p> <p>Ranken Tech College - <a href="http://www.ranken.edu">www.ranken.edu</a></p> <p>Rolla Tech Institute - <a href="http://www.rolla.k12.mo.us">www.rolla.k12.mo.us</a></p> <p>South Central Career Ctr - <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a></p> <p>Unitec Career Center - <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a></p>	<p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a></p> <p>Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockon College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College <a href="http://www.everest-college.edu">www.everest-college.edu</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Hannibal-Lagrange College - <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>Missouri Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p> <p>Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p>	<p>MO University of Science &amp; Technology <a href="http://www.mst.edu">www.mst.edu</a></p> <p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Rockhurst University <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>Southeast MO State University <a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist Univ - <a href="http://www.sbniv.edu">www.sbniv.edu</a></p> <p>Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>Univ of MO – Columbia - <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p>University of Phoenix - <a href="http://www.phoenix.edu">www.phoenix.edu</a></p> <p>Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> <p>Foley-Belsaw Institute <a href="http://www.foley-belsaw.com">www.foley-belsaw.com</a></p> <p>Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a></p> <p>DeVry University <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Grantham University <a href="http://www.grantham.edu">www.grantham.edu</a></p> <p>ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a></p> <p>MERS/Missouri Goodwill Industries <a href="http://www.mersgoodwill.org">www.mersgoodwill.org</a></p> <p>Missouri Welding Institute <a href="http://www.nwi.ws">www.nwi.ws</a></p> <p>National American University <a href="http://www.national.edu">www.national.edu</a></p>

Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://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 &amp; installers and Plasterers</p> <p>Electricians</p> <p>Fence Builders</p> <p>Heating and Cooling Sy Mechanics</p> <p>Highway Maintenance Workers &amp; Paving Equip Operators</p> <p>Line Installers and Repairers</p> <p>Plumbers and Pipefitters</p> <p>Roofers</p> <p>Sheet Metal Workers and Structural Metal Workers</p> <p>Surveying and Mapping Technicians</p> <p>Tile Setters</p>	<p>Commercial Divers</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, Except Landscape and Naval</p> <p>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>



**Cuba High School**  
**Arts, A/V Technology & Communications**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Fine Art Electives Public Speaking Spanish I	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Web Design Spanish II	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Fine Art Elective Yearbook A+ Tutoring	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:

◆ Dual Credit Option

Revised Fall 2020



**Postsecondary Offerings - For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org)**

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Linn State Technical College <a href="http://www.linnstate.edu">www.linnstate.edu</a></p> <p>Metropolitan Comm College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Comm College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>Ozarks Tech Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>St. Charles Comm College <a href="http://www.stchas.edu">www.stchas.edu</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p> <p>Three Rivers Comm College <a href="http://www.trcc.edu">www.trcc.edu</a></p>	<p>Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p>Clinton Technical School <a href="http://www.clinton.k12.mo.us/ts.php">www.clinton.k12.mo.us/ts.php</a></p> <p>Davis Hart Mexico Technical School <a href="http://www.mexicoschools.org">www.mexicoschools.org</a></p> <p>Eldon Career Center <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a></p> <p>Four Rivers Technical Center <a href="http://www.washington.k12.mo.us">www.washington.k12.mo.us</a></p> <p>Franklin Tech - MSSU <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p>Gibson Tech Ctr - <a href="http://www.wolves.k12.mo.us/gtc">www.wolves.k12.mo.us/gtc</a></p> <p>Hannibal Career and Technical Center <a href="http://www.hannibal.tec.mo.us">www.hannibal.tec.mo.us</a></p> <p>Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a></p> <p>Hillyard Tech Center - <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p>Kirkville Area Technical Center <a href="http://www.kirkville.k12.mo.us">www.kirkville.k12.mo.us</a></p> <p>Lake Career and Technical Center <a href="http://www.camdentonschools.org">www.camdentonschools.org</a></p> <p>Lex La-Ray Tech Ctr - <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p>Moberly Area Tech Ctr - <a href="http://www.moberly.k12.mo.us">www.moberly.k12.mo.us</a></p> <p>Nichols Career Center - <a href="http://www.jcps.k12.mo.us">www.jcps.k12.mo.us</a></p> <p>Perryville Area Career/Technical Center <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Ranken Technical College - <a href="http://www.ranken.edu">www.ranken.edu</a></p> <p>Rolla Technical Institute - <a href="http://www.rolla.k12.mo.us">www.rolla.k12.mo.us</a></p> <p>Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a></p>	<p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Bryan College - <a href="http://www.bryancole.com">www.bryancole.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockon College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>DeVry University - <a href="http://www.devry.edu">www.devry.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College <a href="http://www.everest-college.com">www.everest-college.com</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Hannibal-Lagrange College - <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Hickey College <a href="http://www.hickeycollege.edu">www.hickeycollege.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>MO Southern State Univ - <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p>	<p>Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p> <p>Missouri Valley College - <a href="http://www.moval.edu">www.moval.edu</a></p> <p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p>Ozark Christian College - <a href="http://www.occ.edu">www.occ.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Patricia Stevens College <a href="http://www.patriciastevenscollege.edu">www.patriciastevenscollege.edu</a></p> <p>Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Saint Louis Univ - <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>Southeast MO State Univ - <a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist Univ - <a href="http://www.sbuniv.edu">www.sbuniv.edu</a></p> <p>Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>Univ of MO – Columbia - <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>Univ of MO – Kansas City - <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>Univ of MO – Rolla - <a href="http://www.umar.edu">www.umar.edu</a></p> <p>Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p>Vatterott Coll - <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>	<ul style="list-style-type: none"> <li>Apprenticeship</li> <li>Military</li> <li>On-the-Job Training</li> </ul> <p>American College of Technology <a href="http://www.acot.edu">www.acot.edu</a></p> <p>Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a></p> <p>Barbizon School of Clayton <a href="http://www.barbizonmodeling.com">www.barbizonmodeling.com</a></p> <p>Broadcast Center <a href="http://www.broadcastcenterinfo.com">www.broadcastcenterinfo.com</a></p> <p>Calvary Bible College and Theological Seminary - <a href="http://www.calvary.edu">www.calvary.edu</a></p> <p>Central Bible College - <a href="http://www.cbccag.edu">www.cbccag.edu</a></p> <p>Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a></p> <p>Court Report Academy <a href="http://www.thecourtreportingacademy.com">www.thecourtreportingacademy.com</a></p> <p>ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a></p> <p>Kansas City Art Inst - <a href="http://www.kcai.edu">www.kcai.edu</a></p> <p>Midwestern Baptists Theological Seminary - <a href="http://www.mbts.edu">www.mbts.edu</a></p> <p>Missouri Tech – <a href="http://www.motech.edu">www.motech.edu</a></p> <p>National American University <a href="http://www.national.edu">www.national.edu</a></p>

**Sample Careers By Educational Level - For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://www.missouriconnections.org)**

On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
<p>Actors</p> <p>Bookbinders and Bindery Workers</p> <p>Camera/Photographic Equipment Repairers</p> <p>Communications Equipment Mechanics</p> <p>Costume and Wardrobe Specialists</p> <p>Dancers</p> <p>Fine Artists</p> <p>Floral Designers</p> <p>Movie Projectionists</p> <p>Musical Instrument Repairers and Tuners</p> <p>Musicians and Singers</p> <p>Painting, Coating, and Decorating Workers</p> <p>Photographers</p> <p>Potters</p> <p>Printing Press Operators</p> <p>Proofreaders</p> <p>Ushers and Ticket Takers</p>	<p>Audio and Video Equipment Technicians</p> <p>Broadcast Technicians and Sound Engineering Techs</p> <p>Camera Operators, Film and Video Editors</p> <p>Choreographers</p> <p>Communications Equipment Mechanics</p> <p>Computer, Automated Teller, &amp; Office Machine Repairers</p> <p>Desktop Publishers and Page Layout Workers</p> <p>Directors- Stage, Motion Pictures, Television, and Radio</p> <p>Electronic Home Entertainment Equipment Installers/Repairers</p> <p>Fashion Designers and Interior Designers</p> <p>Fine Artists, Including Painters, Sculptors, and Illustrators</p> <p>Multi-Media Artists and Animators</p> <p>Music Directors</p> <p>Poets, Lyricists and Creative Writers</p> <p>Producers</p> <p>Radio Mechanics and Operators</p> <p>Telecommunications Equipment Installers and Repairers</p>	<p>Agents and Business Managers</p> <p>Animators and Multi-media Artists</p> <p>Art Directors and Talent Directors</p> <p>Broadcast News Analysts and News Reporters</p> <p>Copy Writers, Technical Writers and Editors</p> <p>Directors- Stage, Motion Pictures, Television, and Radio</p> <p>Film and Video Editors</p> <p>Graphic Designers</p> <p>Industrial Designers</p> <p>Interpreters and Translators</p> <p>Multi-Media Artists and Animators</p> <p>Museum Technicians and Conservators</p> <p>Music Composers, Directors, and Arrangers</p> <p>Poets, Lyricists and Creative Writers</p> <p>Proofreaders and Copy Markers</p> <p>Reporters and Correspondents</p> <p>Set and Exhibit Designers</p> <p>Vocational Education Teachers, Postsecondary</p>	<p>Art, Drama, and Music Teachers, Postsecondary</p> <p>Communications Teachers, Postsecondary</p> <p>English Language and Literature Teachers, Postsecondary</p> <p>Historians</p> <p>Librarians</p>



**Cuba High School**  
**Business Management & Administration**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

**Minimum Graduation Requirements** **SUGGESTED COURSE OF HIGH SCHOOL STUDY**  
 It is suggested that students consider dual credit opportunities for postsecondary credit.

	Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Spanish I Computer Applications Fundamentals of Marketing		<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: Aide for school office, 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Fine Art Spanish II Entrepreneurship Career & Family Leadership		<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Public Speaking Psychology/Sociology Graphic Design		<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Web Design Advertising A+ Tutoring		<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
								<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input checked="" type="checkbox"/> DECA <input checked="" type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club



**Postsecondary Offerings – For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org)**

	Community College	Technical School/Training Institution	In State		Out of State/Other
	<b>Postsecondary</b>	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Community College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a></p> <p>Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p> <p>Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a></p>	<p>Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p>Clinton Tech School <a href="http://www.clinton.k12.mo.us">www.clinton.k12.mo.us</a></p> <p>Eldon Career Center - <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a></p> <p>Franklin Technology- MSSU <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p>Grand River Technical School <a href="http://www.grts.org">www.grts.org</a></p> <p>Hillyard Technical Center <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p>Kirkville Area Tech Center <a href="http://www.kirkville.k12.mo.us">www.kirkville.k12.mo.us</a></p> <p>Lex La-Ray Tech Center <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p>Moberly Area Tech Center <a href="http://www.moberly.k12.mo.us">www.moberly.k12.mo.us</a></p> <p>Northwest Tech School - <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a></p> <p>Pike-Lincoln Tech Center <a href="http://www.pltc.k12.mo.us">www.pltc.k12.mo.us</a></p> <p>Ranken Tech College - <a href="http://www.ranken.edu">www.ranken.edu</a></p> <p>Saline County Career Center <a href="http://www.marshallschools.com/sccc">www.marshallschools.com/sccc</a></p> <p>Sikeston Career and Technology Center <a href="http://www.sikeston.k12.mo.us">www.sikeston.k12.mo.us</a></p>	<p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a></p> <p>Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockon College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>DeVry University – <a href="http://www.devry.edu">www.devry.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College - <a href="http://www.everest-college.com">www.everest-college.com</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Hannibal-Lagrange College - <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Hickey College - <a href="http://www.hickeycollege.edu">www.hickeycollege.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>MO Southern State Univ - <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p> <p>Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p>	<p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Patricia Stevens College <a href="http://www.patriciastevenscollege.edu">www.patriciastevenscollege.edu</a></p> <p>Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>Southeast MO State Univ - <a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist Univ - <a href="http://www.sbuniv.edu">www.sbuniv.edu</a></p> <p>Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>Univ of MO – Columbia - <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>Univ of MO – Rolla – <a href="http://www.umar.edu">www.umar.edu</a></p> <p>Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p>Univ of Phoenix – <a href="http://www.phoenix.edu">www.phoenix.edu</a></p> <p>Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>

**Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://www.missouriconnections.org)**

On-the-Job Training	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
Billing Clerks Bookkeeping and Accounting Clerks Computer Operators Copy Machine Operators Couriers and Messengers Data Entry File Clerks General Office Clerks Human Resources Assistants Interviewing Clerks Mail Clerks Order Clerks and Stock Clerks Payroll and Timekeeping clerks Receptionists Secretaries Shipping and Receiving Clerks Typists	Court Reporters First-Line Supervisors/Managers General and Operations Managers Production and Operating Workers	Administrative Services Managers Advertising Managers Business Executives Computer and Information Sys Managers Employee Training Specialists Employment Interviewers and Recruiters Human Resources Managers Job Benefits and Analysis Specialists Management Analysts Market Research Analysts Meeting and Convention Planners Property and Real Estate Managers Public Relations Managers, Specialists Purchasing Manager and Sales Managers Regulatory Affairs Specialists Social and Community Services Managers Storage and Distribution Managers	Business Teacher, Postsecondary Chief Executives Controller, Treasurers Economists Medical and Health Services Managers Operations Research Analysts Statisticians



**Cuba High School**  
**Education & Training**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
Secondary	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: Aide for office; 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Family Living & Parenthood Child Development Spanish I	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Public Speaking Career & Family Leadership Spanish II	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Psychology/Sociology A+ Tutoring	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:

◆ Dual Credit Option

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



**Cuba High School**  
**Finance**  
**Career Cluster Program of Study Template**  
**www.cuba.k12.mo.us**

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art Fundamentals of Marketing	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Spanish I Entrepreneursip	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Spanish II	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Public Speaking A+ Tutoring	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input checked="" type="checkbox"/> DECA <input checked="" type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club

◆ Dual Credit Option

Revised Fall 2020

Postsecondary Offerings – For A Complete Listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School	In State		Out of State/Other
		Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a> East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a> Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a> Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a> Moberly Area Community College <a href="http://www.macc.edu">www.macc.edu</a> North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a> Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a> St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a> St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a> State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a> Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a>		Avila University - <a href="http://www.avila.edu">www.avila.edu</a> Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a> Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a> College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a> Culver-Stockton College <a href="http://www.culver.edu">www.culver.edu</a> DeVry University – <a href="http://www.devry.edu">www.devry.edu</a> Drury University - <a href="http://www.drury.edu">www.drury.edu</a> Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a> Everest College <a href="http://www.everest-college.com">www.everest-college.com</a> Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a> Hannibal-Lagrange College <a href="http://www.hlq.edu">www.hlq.edu</a> Hickey College - <a href="http://www.hickeycollege.edu">www.hickeycollege.edu</a> Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a> Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a> Maryville University of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a> Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a> MO Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a> Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a> Missouri Valley College <a href="http://www.moval.edu">www.moval.edu</a> Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a>	Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a> Park University - <a href="http://www.park.edu">www.park.edu</a> Rockhurst University <a href="http://www.rockhurst.edu">www.rockhurst.edu</a> Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a> Southeast MO State University <a href="http://www.semo.edu">www.semo.edu</a> Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a> Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a> Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a> Univ of MO – Columbia <a href="http://www.missouri.edu">www.missouri.edu</a> University of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a> Univ of MO – Rolla – <a href="http://www.UMR.edu">www.UMR.edu</a> Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a> Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a> Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a> Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a> William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a> William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a> Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a>
Sample Careers By Educational Level – For Occupational Specialties, go to <a href="http://www.careerclusters.org">www.careerclusters.org</a> or <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
On-the-Job Training	Technical 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 and 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 Teacher, Postsecondary Economists Treasurers and Controllers	



**Cuba High School**  
**Government & Public Administration**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Public Speaking Spanish I	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ♦College Algebra ♦Pre-Calculus	Physical Science ♦College Biology Chemistry ♦Anatomy & Physiology	Government	Psychology/Sociology Spanish II	<b>Rolla Technical Institute</b>  Drafting & Design
	<b>12</b>	English IV ♦College Composition English Elective	♦College Algebra ♦Pre-Calculus ♦Calculus	♦College Biology Chemistry ♦Anatomy & Physiology	♦Early American History/ ♦American History	A+ Tutoring	<b>Rolla Technical Institute</b>  Drafting & Design

♦ Dual Credit Option

Revised Fall 2020



**Postsecondary Offerings – For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org)**

<b>Postsecondary</b>	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p><b>Crowder College</b> <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p><b>East Central College</b> <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p><b>Moberly Area Community College</b> <a href="http://www.macc.edu">www.macc.edu</a></p>	<p><b>Cape Girardeau Career/Tech Center</b> <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p><b>Clinton Technical School</b> <a href="http://www.ed2go.com/cts">www.ed2go.com/cts</a></p> <p><b>Franklin Technology – MSSU</b> <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p><b>Grand River Technical School</b> <a href="http://www.grts.org">www.grts.org</a></p> <p><b>Hillyard Technical Center</b> <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p><b>Lex La-Ray Technical Center</b> <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p><b>Moberly Area Technical Center</b> <a href="http://www.moberly.k12.mo.us">www.moberly.k12.mo.us</a></p> <p><b>Pike-Lincoln Technical Center</b> <a href="http://pltc.k12.mo.us">http://pltc.k12.mo.us</a></p> <p><b>Saline County Career Center</b> <a href="http://www.marshallschools.com/sccc">www.marshallschools.com/sccc</a></p> <p><b>Sikeston Career &amp; Technology Center</b> <a href="http://www.sikestone.k12.mo.us">www.sikestone.k12.mo.us</a></p>	<p><b>Avila University</b> <a href="http://www.avila.edu">www.avila.edu</a></p> <p><b>Central Methodist University</b> <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p><b>College of the Ozarks</b> <a href="http://www.cofu.edu">www.cofu.edu</a></p> <p><b>Columbia College</b> <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p><b>Culver-Stockton College</b> <a href="http://www.culver.edu">www.culver.edu</a></p> <p><b>Drury University</b> <a href="http://www.drury.edu">www.drury.edu</a></p> <p><b>Evangel University</b> <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p><b>Everest College</b> <a href="http://www.everest-college.edu">www.everest-college.edu</a></p> <p><b>Fontbonne University</b> <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p><b>Harris-Stowe State University</b> <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p><b>Lincoln University</b> <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p><b>Lindenwood University</b> <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p><b>Maryville University of Saint Louis</b> <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p><b>Missouri Baptist University</b> <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p><b>Missouri Southern State University</b> <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p><b>Missouri State University</b> <a href="http://www.missouristate.edu">www.missouristate.edu</a></p>	<p><b>Missouri Valley College</b> <a href="http://www.moval.edu">www.moval.edu</a></p> <p><b>Missouri Western State University</b> <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p><b>Northwest Missouri State University</b> <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p><b>Park University</b> <a href="http://www.park.edu">www.park.edu</a></p> <p><b>Rockhurst University</b> <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p><b>Saint Louis University</b> <a href="http://www.imagine.slu.edu">www.imagine.slu.edu</a></p> <p><b>Southeast MO State University</b> <a href="http://www.semo.edu">www.semo.edu</a></p> <p><b>Southwest Baptist University</b> <a href="http://www.sbniv.edu">www.sbniv.edu</a></p> <p><b>Stephens College</b> <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p><b>Truman State University</b> <a href="http://www.truman.edu">www.truman.edu</a></p> <p><b>University of Central Missouri</b> <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p><b>University of MO – Columbia</b> <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p><b>University of Missouri – Kansas City</b> <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p><b>University of MO – St Louis</b> <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p><b>Washington University</b> <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p><b>Webster University</b> <a href="http://www.webster.edu">www.webster.edu</a></p>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> <p><b>ITT Technical Institute</b> <a href="http://www.itt-tech.edu">www.itt-tech.edu</a></p> <p><b>Kansas City Art Institute</b> <a href="http://www.kcai.edu">www.kcai.edu</a></p> <p><b>National American University</b> <a href="http://www.national.edu">www.national.edu</a></p>

**Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://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 &amp; 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>



**Cuba High School  
Health Sciences  
Career Cluster Program of Study Template  
www.cuba.k12.mo.us**

**SUGGESTED COURSE OF HIGH SCHOOL STUDY**  
It is suggested that students consider dual credit opportunities for postsecondary credit.

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						Additional Learning Opportunities
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives			
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art		<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Public Speaking Spanish I		<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ♦College Algebra ♦Pre-Calculus	Physical Science ♦College Biology Chemistry ♦Anatomy & Physiology	Government	Psychology/Sociology Spanish II	<b>Rolla Technical Center</b>  Health Science Academy	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ♦College Composition English Elective	♦College Algebra ♦Pre-Calculus ♦Calculus	♦College Biology Chemistry ♦Anatomy & Physiology	♦Early American History/ ♦American History	A+ Tutoring Nutrition and Wellness	<b>Rolla Technical Center</b>  Health Science Academy	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA (RTI) <input checked="" type="checkbox"/> Other: NHS, Key Club	

♦ Dual Credit Option

Revised Fall 2020



**Postsecondary Offerings - For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org).**

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Metropolitan Comm College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Comm College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>North Central MO College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a></p> <p>Ozarks Tech Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>St. Charles Comm College <a href="http://www.stchas.edu">www.stchas.edu</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p> <p>Three Rivers Comm College <a href="http://www.trcc.edu">www.trcc.edu</a></p>	<p>Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p>Cass Career Center <a href="http://www.harrisonville.k12.mo.us">www.harrisonville.k12.mo.us</a></p> <p>Columbia Career Center <a href="http://www.career-center.org">www.career-center.org</a></p> <p>Four Rivers Technical Center <a href="http://www.washington.k12.mo.us">www.washington.k12.mo.us</a></p> <p>Franklin Tech - MSSU <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p>Grand River Tech School - <a href="http://www.grts.org">www.grts.org</a></p> <p>Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a></p> <p>Hillyard Technical Center <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p>Kennett Career and Technology Center <a href="http://www.kennett.k12.mo.us">www.kennett.k12.mo.us</a></p> <p>Lex La-Ray Tech Ctr - <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p>Moberly Area Tech Center <a href="http://www.moberly.k12.mo.us">www.moberly.k12.mo.us</a></p> <p>Northland Career Center <a href="http://www.northlandcareercenter.com">www.northlandcareercenter.com</a></p> <p>Northwest Tech School - <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a></p> <p>Poplar Bluff Schools - <a href="http://www.r1schools.org">www.r1schools.org</a></p> <p>Sikeston Career and Technology Center <a href="http://www.sikeston.k12.mo.us">www.sikeston.k12.mo.us</a></p> <p>South Central Career Center <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a></p> <p>Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a></p>	<p>AT Skill University of Health Sciences <a href="http://www.atsu.edu">www.atsu.edu</a></p> <p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockton College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College <a href="http://www.everest-college.com">www.everest-college.com</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Hannibal-Lagrange College <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Harris-Stowe State Univ -<a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>MO Southern State Univ - <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p> <p>Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p>	<p>Missouri Valley College –<a href="http://www.moval.edu">www.moval.edu</a></p> <p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Patricia Stevens College <a href="http://www.patriciastevenscollege.edu">www.patriciastevenscollege.edu</a></p> <p>Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Saint Louis Univ - <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>Southeast MO State Univ -<a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist Univ -<a href="http://www.sbuniv.edu">www.sbuniv.edu</a></p> <p>Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>Univ of MO – Columbia -<a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p>Univ of Phoenix – <a href="http://www.phoenix.edu">www.phoenix.edu</a></p> <p>Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> <p>Allied College - <a href="http://www.hightechinstitute.edu">www.hightechinstitute.edu</a></p> <p>Barnes-Jewish College of Nursing &amp; Allied Health - <a href="http://www.barnesjewishcollege.edu">www.barnesjewishcollege.edu</a></p> <p>Cleveland Chiropractic College <a href="http://www.cleveland.edu">www.cleveland.edu</a></p> <p>Colorado Tech Univ <a href="http://www.coloradotech.com">www.coloradotech.com</a></p> <p>Cox Health - <a href="http://www.coxhealth.com">www.coxhealth.com</a></p> <p>Chamberlain College of Nursing <a href="http://www.chamberlain.edu">www.chamberlain.edu</a></p> <p>Heritage Coll - <a href="http://www.heritage-college.com">www.heritage-college.com</a></p> <p>Cox College of Nursing &amp; Health Science <a href="http://www.coxcollege.edu">www.coxcollege.edu</a></p> <p>Logan Coll of Chiropractic - <a href="http://www.logan.edu">www.logan.edu</a></p> <p>Lutheran School of Nursing <a href="http://www.nursingschoolimc.com">www.nursingschoolimc.com</a></p> <p>Kansas City Univ of Med &amp; Biosciences - <a href="http://www.kcumb.edu">www.kcumb.edu</a></p> <p>Research Med Ctr School of Nuclear Med <a href="http://www.researchmedicalcenter.com">www.researchmedicalcenter.com</a></p> <p>St John's Reg Health Ctr -<a href="http://www.stjohns.com">www.stjohns.com</a></p> <p>Saint Luke's College - <a href="http://www.saint-lukes.org">www.saint-lukes.org</a></p> <p>St Louis College of Health Careers <a href="http://www.slchc.com">www.slchc.com</a></p> <p>St Louis Coll Pharmacy - <a href="http://www.stlcoop.edu">www.stlcoop.edu</a></p> <p>Southeast MO Hospital College of Nursing <a href="http://www.souteastmissourihospital.com">www.souteastmissourihospital.com</a></p> <p>Truman Med Ctr School - Nurse Anesthesia <a href="http://www.trumed.org">www.trumed.org</a></p>

**Sample Careers By Educational Level - For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://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>Cardiovascular Technologists</p> <p>Dental Hygienists</p> <p>Emergency Medical Technicians</p> <p>Health Information Technicians</p> <p>Licensed Practical Nurses</p> <p>Medical Laboratory Technicians</p> <p>Medical Sonographers</p> <p>Medical Transcriptionists</p> <p>Nursing Assistants</p> <p>Occupational Therapist Assistants</p> <p>Physical Therapist Assistants</p> <p>Radiation Therapists</p> <p>Radiologic Technologists</p> <p>Registered Nurses</p> <p>Respiratory Therapists</p> <p>Surgical Technologists</p> <p>Veterinary Technologists and Technicians</p>	<p>Administrative Services Managers</p> <p>Athletic Trainers</p> <p>Biomedical Engineers</p> <p>Computer Programmers</p> <p>Computer Software Engineers, Applications</p> <p>Dietitians</p> <p>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>Petroleum Engineers</p> <p>Public Relations Specialists</p> <p>Recreational Therapists</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>Computer and Information Scientists, Research</p> <p>Dietitians and Nutritionists</p> <p>Farm and Home Management Advisors</p> <p>Health Specialties Teachers, Postsecondary</p> <p>Home Economics Teachers, Postsecondary</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>Communications Teachers, Postsecondary</p> <p>Veterinarians</p>



**Cuba High School**  
**Hospitality & Tourism**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit opportunities for postsecondary credit.					
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Public Speaking Spanish I Fundamentals of Marketing	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Entrepreneurship Nutrition and Wellness Spanish II	<b>Rolla Technical Institute</b>  Culinary Arts
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Psychology/Sociology Advertising A+ Tutoring	<b>Rolla Technical Institute</b>  Culinary Arts
							<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
							<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input checked="" type="checkbox"/> DECA <input checked="" type="checkbox"/> FBLA <input type="checkbox"/> FFA <input checked="" type="checkbox"/> FCCLA <input checked="" type="checkbox"/> SkillsUSA (RTI) <input checked="" type="checkbox"/> Other: NHS, Key Club

Postsecondary Offerings - For A Complete Listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
		Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a> East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a> Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a> Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a> Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a> Ozarks Tech Community College <a href="http://www.otc.edu">www.otc.edu</a> St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a> Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a>	Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a> Gibson Technical Center <a href="http://www.wolves.k12.mo.us/gtc">www.wolves.k12.mo.us/gtc</a> Lake Career and Technical Center <a href="http://www.camdentonschools.org">www.camdentonschools.org</a> Lebanon Technology Career Center <a href="http://www.lebanon.k12.mo.us">www.lebanon.k12.mo.us</a> Macon Area Vocational Technical School <a href="http://www.macon.k12.mo.us/vocational">www.macon.k12.mo.us/vocational</a> Northland Career Center <a href="http://www.northlandcareercenter.com">www.northlandcareercenter.com</a> Northwest Tech School - <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a> Nevada Regional Technical Center <a href="http://www.nevada.k12.mo.us.us">www.nevada.k12.mo.us.us</a> Pemiscot County Career & Tech Ctr <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a> South Central Career Center <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a> Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a>	Avila University - <a href="http://www.avila.edu">www.avila.edu</a> Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a> College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a> Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a> Culver-Stockton College <a href="http://www.culver.edu">www.culver.edu</a> Drury University - <a href="http://www.drury.edu">www.drury.edu</a> Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a> Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a> Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a> Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a> Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a> MO Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a> Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a> Missouri Valley College <a href="http://www.moval.edu">www.moval.edu</a> Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a> Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a>	Park University - <a href="http://www.park.edu">www.park.edu</a> Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a> Saint Louis Univ - <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a> Southeast MO State Univ - <a href="http://www.semo.edu">www.semo.edu</a> Southwest Baptist Univ - <a href="http://www.sbuiv.edu">www.sbuiv.edu</a> Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a> Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a> Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a> Univeristy of MO – Columbia <a href="http://www.missouri.edu">www.missouri.edu</a> Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a> Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a> Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a> Webster University <a href="http://www.websteruniv.edu">www.websteruniv.edu</a> Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a> William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a> William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a>
Sample Careers By Educational Level - For Occupational Specialties, go to <a href="http://www.careerclusters.org">www.careerclusters.org</a> or <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree		Masters Degree or More	
Amusement and Recreation Workers Baggage Porters and Bellhops Bartenders Casino Gaming Workers Chefs and Dinner Cooks Concierges Counter Attendants Fast Food Cooks Food Preparation Workers Hotel Desk Clerks Janitors and Cleaners Kitchen Helpers Maids and Housekeepers Professional Athletes Recreation Attendants Recreation Guides Recreation Workers Reservation and Ticket Agents Restaurant Hosts Tour Guides Umpires and Referees Waiters and Waitresses	Animal Trainers Casino Gaming Workers First-Line Supervisors/Managers of Housekeeping and Janitorial Workers Flight Attendants Food Service Managers Lodging Managers Reservation and Transportation Ticket Agents and Travel Clerks Residential Advisors Self Enrichment Education Teachers Travel Agents	Interpreters and Translators Meeting and Convention Planners Recreation Workers Set and Exhibit Designers Social and Community Service Managers		Farm and Home Management Advisors	



**Cuba High School  
Human Services  
Career Cluster Program of Study Template  
www.cuba.k12.mo.us**

**Minimum Graduation Requirements**

**SUGGESTED COURSE OF HIGH SCHOOL STUDY**

It is suggested that students consider dual credit opportunities for postsecondary credit.

	Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives	Additional Learning Opportunities	
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art		<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Public Speaking Family Living/Child Development Spanish I		<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ♦College Algebra ♦Pre-Calculus	Physical Science ♦College Biology Chemistry ♦Anatomy & Physiology	Government	Career & Family Leadership Nutrition & Wellness Spanish II		<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ♦College Composition English Elective	♦College Algebra ♦Pre-Calculus ♦Calculus	♦College Biology Chemistry ♦Anatomy & Physiology	♦Early American History/ ♦American History	Psychology/Sociology A+ Tutoring		<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
								<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input checked="" type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club

Postsecondary Offerings - For A Complete Listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School/Training Institution	In State	Out of State/Other	
		Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a> East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a> St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a>	Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a> Davis Hart Career Center <a href="http://www.mexicoschools.net">www.mexicoschools.net</a> Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a> Heritage Tech Institute <a href="http://www.hightechinstitute.edu">www.hightechinstitute.edu</a> Massage Therapy Training Institute <a href="http://www.massagetherapytraininginstitute.com">www.massagetherapytraininginstitute.com</a> Midwest Institute <a href="http://www.midwestinstitute.com">www.midwestinstitute.com</a> Neosho Beauty College <a href="http://www.neosho.edu">www.neosho.edu</a> Paris II Educational Center - <a href="http://www.parisii.net">www.parisii.net</a> Patsy & Robs Academy of Beauty <a href="http://www.praob.edu">www.praob.edu</a> Pinnacle Career Institute <a href="http://www.pctraining.edu">www.pctraining.edu</a> Professional Massage Training Center <a href="http://www.pmtc.edu">www.pmtc.edu</a> Regency Beauty Institute <a href="http://www.regencybeauty.com">www.regencybeauty.com</a> St Charles School of Massage Therapy <a href="http://www.dayspaacademy.net">www.dayspaacademy.net</a>	Allied College - <a href="http://www.alliedcollege.edu">www.alliedcollege.edu</a> Avila University - <a href="http://www.avila.edu">www.avila.edu</a> Central Bible College - <a href="http://www.cbccag.edu">www.cbccag.edu</a> Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a> College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a> Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a> Conception Seminary College <a href="http://www.conceptionabbey.org">www.conceptionabbey.org</a> Culver-Stockton College <a href="http://www.culver.edu">www.culver.edu</a> Drury University - <a href="http://www.drury.edu">www.drury.edu</a> Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a> Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a> Hannibal-Lagrange College <a href="http://www.hlg.edu">www.hlg.edu</a> Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a> Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a> Maryville University of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a> Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a> Metro Business College <a href="http://www.metrobusinesscollege.edu">www.metrobusinesscollege.edu</a> Midwest University - <a href="http://www.midwest.edu">www.midwest.edu</a> Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a> Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a> Missouri College of Cosmetology <a href="http://www.missouricosmo.com">www.missouricosmo.com</a> MO Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a> Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a> Missouri Valley College <a href="http://www.moval.edu">www.moval.edu</a>	Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a> Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a> Ozark Christian College - <a href="http://www.occ.edu">www.occ.edu</a> Park University - <a href="http://www.park.edu">www.park.edu</a> Rockhurst University <a href="http://www.rockhurst.edu">www.rockhurst.edu</a> Saint Louis Christian College <a href="http://www.slconlin.edu">www.slconlin.edu</a> St Louis College of Health Careers <a href="http://www.slchc.com">www.slchc.com</a> Saint Louis Univ - <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a> Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a> Southeast MO State University <a href="http://www.semo.edu">www.semo.edu</a> Southwest Baptist University <a href="http://www.sbu.edu">www.sbu.edu</a> Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a> Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a> University of MO – Columbia <a href="http://www.missouri.edu">www.missouri.edu</a> University of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a> Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a> Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a> Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a> Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a> Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a> William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a>
Sample Careers By Educational Level – For Occupational Specialties, go to <a href="http://www.careerclusters.org">www.careerclusters.org</a> or <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
	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	





**Cuba High School**  
**Information Technology**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art Spanish I	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Graphic Design Computer Applications Spanish II	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Web Design	<b>Rolla Technical Institute</b>  Information Technology Design Academy
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Computer Internship A+ Tutoring	<b>Rolla Technical Institute</b>  Information Technology Design Academy
							<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
							<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input checked="" type="checkbox"/> SkillsUSA (RTI) <input checked="" type="checkbox"/> Other: NHS, Key Club

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

**Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://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 Sys and Data Communications Analysts Numerical Tool and Process Control Programmers Web Administrators Web Developers	Computer and Information Sys Managers Computer Engineers Computer Programmers Computer Security Specialists Computer Software Engineers Computer Sys Administrators Computer Sys Analysts Data Communications analysts Database Administrators Graphic Designers Multi-Media Artists and Animators Network and Computer Sys Administrators Software Quality Assurance Engineers and Testers	Computer and Information Scientists, Research Computer Science Teachers, Postsecondary Engineering Managers



**Cuba High School**  
**Law, Public Safety, Corrections & Security**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
		It is suggested that students consider dual credit opportunities for postsecondary credit.					
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Spanish I	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input checked="" type="checkbox"/> Other: MO High Patrol Cadet Program, Volunteer Firefighter, Cuba Police Dept. Explorers Program
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Public Speaking Spanish II	<b>Rolla Technical Institute</b>  Fire & Rescue/EMT
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Psychology/Sociology A+ Tutoring	<b>Rolla Technical Institute</b>  Fire & Rescue/EMT
							<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
							<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input checked="" type="checkbox"/> SkillsUSA (RTI) <input checked="" type="checkbox"/> Other: NHS, Key Club



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



**Cuba High School  
Manufacturing  
Career Cluster Program of Study Template  
www.cuba.k12.mo.us**

**Minimum Graduation Requirements**

**SUGGESTED COURSE OF HIGH SCHOOL STUDY**

It is suggested that students consider dual credit opportunities for postsecondary credit.

	Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art		<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Spanish I		<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ♦College Algebra ♦Pre-Calculus	Physical Science ♦College Biology Chemistry ♦Anatomy & Physiology	Government	Spanish II School Flex Program	<b>Rolla Technical Institute</b>  Automotive Technology Collision Repair Drafting & Design Wood Manufacturing & Design	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ♦College Composition English Elective	♦College Algebra ♦Pre-Calculus ♦Calculus	♦College Biology Chemistry ♦Anatomy & Physiology	♦Early American History/ ♦American History	A+ Tutoring School Flex Program	<b>Rolla Technical Institute</b>  Automotive Technology Collision Repair Drafting & Design Wood Manufacturing & Design	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
								<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input checked="" type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input checked="" type="checkbox"/> SkillsUSA (RTI) <input checked="" type="checkbox"/> Other: NHS, Key Club

♦ Dual Credit Option

Revised Fall 2020

**Postsecondary Offerings – For A Complete Listing, go to [www.missouriconnections.org](http://www.missouriconnections.org)**

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a> Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a> Linn State Technical College <a href="http://www.linnstate.edu">www.linnstate.edu</a> Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a> Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a> North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a> Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a> St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a> State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a> Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a>	Carrollton Area Career Center <a href="http://www.trojans.k12.mo.us">www.trojans.k12.mo.us</a> Eldon Career Center <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a> Grand River Technical School <a href="http://www.grts.org">www.grts.org</a> Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a> Hillyard Technical Center <a href="http://www.hillyardtech.com">www.hillyardtech.com</a> Lamar Area VoTech <a href="http://www.lamar.k12.mo.us">www.lamar.k12.mo.us</a> Lex La-Ray Tech Center <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a> Kirksville Area Tech Center <a href="http://www.kirksville.k12.mo.us">www.kirksville.k12.mo.us</a> North Central Career Center <a href="http://www.shr2.k12.mo.us">www.shr2.k12.mo.us</a> Northland Career Center <a href="http://www.northlandcareercenter.com">www.northlandcareercenter.com</a> Northwest Tech School <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a> Perryville Area Career/Tech Center <a href="http://www.perryville.k12.mo.us">www.perryville.k12.mo.us</a> Ranken Tech College - <a href="http://www.ranken.edu">www.ranken.edu</a> South Central Career Center <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a> Southwest Area Career Center <a href="http://www.swacc.k12.mo.us">www.swacc.k12.mo.us</a>	Avila University - <a href="http://www.avila.edu">www.avila.edu</a> Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a> Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a> Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a> College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a> Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a> Culver-Stockton College - <a href="http://www.culver.edu">www.culver.edu</a> Drury University - <a href="http://www.drury.edu">www.drury.edu</a> Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a> Everest College <a href="http://www.everest-college.edu">www.everest-college.edu</a> Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a> Hannibal-Lagrange College - <a href="http://www.hlq.edu">www.hlq.edu</a> Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a> Hickey College <a href="http://www.hickeycollege.edu">www.hickeycollege.edu</a> Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a> Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a> Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a> Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a> Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a> Missouri College - <a href="http://www.missouricollege.com">www.missouricollege.com</a> MO Southern State Univ - <a href="http://www.mssu.edu">www.mssu.edu</a> Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a> Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a>	MO University of Science & Technology <a href="http://www.mst.edu">www.mst.edu</a> Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a> Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a> Park University - <a href="http://www.park.edu">www.park.edu</a> Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a> Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a> Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a> Southeast MO State Univ - <a href="http://www.semo.edu">www.semo.edu</a> Southwest Baptist Univ - <a href="http://www.sbuniv.edu">www.sbuniv.edu</a> Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a> Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a> Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a> Univ of MO – Columbia - <a href="http://www.missouri.edu">www.missouri.edu</a> Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a> Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a> University of Phoenix - <a href="http://www.phoenix.edu">www.phoenix.edu</a> Vatterott College - <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a> Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a> Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a> Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a> William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a> William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a> DeVry University <a href="http://www.drury.edu">www.drury.edu</a> Foley-Belsaw Institute <a href="http://www.foley-belsaw.com">www.foley-belsaw.com</a> Grantham University <a href="http://www.grantham.edu">www.grantham.edu</a> ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a> National American University <a href="http://www.national.edu">www.national.edu</a> Texas County Technical Institute <a href="http://www.texascountytech.edu">www.texascountytech.edu</a>

**Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://www.missouriconnections.org)**

On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
Crane and Tower Operators Hoist and Winch Operators Locksmiths Machinists Metal and Plastic Processing Workers Operating Engineers and Construction Equipment Operators Painting and Coating Machine Operators Power Plant Operators Precision Assemblers Quality Control Inspectors Small Engine Mechanics Tailors Tire Building Machine Operators Tool and Die Makers Tool Grinders Upholsterers Vehicle Painters Woodworking Machine Operators	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 Sys Installers Semiconductor Processing Operators Welders and Solderers Welding and Soldering Machine Operators	Chemical Engineers Occupational Health and Safety Specialists Safety Engineers	



**Cuba High School**  
**Marketing**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY					
It is suggested that students consider dual credit opportunities for postsecondary credit.							
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fundamentals of Marketing Spanish I	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Fine Art Entrepreneurship Spanish II	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Psychology/Sociology Graphic Design Public Speaking	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Advertising Web Design A+ Tutoring	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
							<b>Student Organizations:</b> <input checked="" type="checkbox"/> ART CLUB <input checked="" type="checkbox"/> DECA <input checked="" type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club

◆ Dual Credit Option

Revised Fall 2020

Postsecondary Offerings – For A Complete Listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a>	Eldon Career Center - <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a>	Avila University - <a href="http://www.avila.edu">www.avila.edu</a>	Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a> Grantham University <a href="http://www.grantham.edu">www.grantham.edu</a> ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a> National American University <a href="http://www.national.edu">www.national.edu</a>
	Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a>	Hannibal Career and Technical Center <a href="http://www.hannibal.tec.mo.us">www.hannibal.tec.mo.us</a>	Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a>	Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a>	
	Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a>	Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a>	Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a>	Park University - <a href="http://www.park.edu">www.park.edu</a>	
	Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a>	Northwest Tech School <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a>	Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a>	Patricia Stevens College <a href="http://www.patriciastevenscollege.edu">www.patriciastevenscollege.edu</a>	
	Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a>	Rankin Tech College - <a href="http://www.ranken.edu">www.ranken.edu</a>	College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a>	Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a>	
	Moberly Area Community College <a href="http://www.macc.edu">www.macc.edu</a>		Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a>	Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a>	
	North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a>		Culver-Stockton College <a href="http://www.culver.edu">www.culver.edu</a>	Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a>	
	Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a>		DeVry University – <a href="http://www.devry.edu">www.devry.edu</a>	Southeast MO State Univ - <a href="http://www.semo.edu">www.semo.edu</a>	
	St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a>		Drury University - <a href="http://www.drury.edu">www.drury.edu</a>	Southwest Baptist Univ - <a href="http://www.sbuniv.edu">www.sbuniv.edu</a>	
	St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a>		Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a>	Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a>	
	State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a>		Everest College <a href="http://www.everest-college.com">www.everest-college.com</a>	Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a>	
	Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a>		Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a>	Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a>	
			Hannibal-Lagrange College <a href="http://www.hlg.edu">www.hlg.edu</a>	Univ of MO – Columbia - <a href="http://www.missouri.edu">www.missouri.edu</a>	
			Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a>	Univ of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a>	
		Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a>	Univ of MO – Rolla – <a href="http://www.umn.edu">www.umn.edu</a>		
		Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a>	Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a>		
		Maryville University of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a>	Univ of Phoenix – <a href="http://www.phoenix.edu">www.phoenix.edu</a>		
		Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a>	Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a>		
		Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a>	Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a>		
		Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a>	Webster University - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a>		
		MO Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a>	Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a>		
		Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a>	William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a>		
		Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a>	William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a>		
		Missouri Valley College <a href="http://www.moval.edu">www.moval.edu</a>			

Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://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



**Cuba High School**  
**Science, Technology, Engineering & Mathematics**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

**Minimum Graduation Requirements**

**SUGGESTED COURSE OF HIGH SCHOOL STUDY**

It is suggested that students consider dual credit opportunities for postsecondary credit.

Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives		Additional Learning Opportunities
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art	<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other: 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Spanish I	<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Core Electives Spanish II	<b>Rolla Technical Institute</b>  Drafting & Design Pathways of Engineering (PLTW)
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	Core Electives A+ Tutoring	<b>Rolla Technical Institute</b>  Drafting & Design Pathways of Engineering (PLTW)

◆ Dual Credit Option

Revised Fall 2020



Postsecondary Offerings – For A Complete Listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
		Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a> East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a> Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a> Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a> St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a> St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a>	Missouri Tech <a href="http://www.motech.edu">www.motech.edu</a>	Avila University - <a href="http://www.avila.edu">www.avila.edu</a> Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a> College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a> Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a> Culver-Stockton College <a href="http://www.culver.edu">www.culver.edu</a> Drury University - <a href="http://www.drury.edu">www.drury.edu</a> Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a> Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a> Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a> Maryville University of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a> Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a> MO Southern State Univ ersity <a href="http://www.mssu.edu">www.mssu.edu</a> Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a> MO University of Science & Technology <a href="http://www.mst.edu">www.mst.edu</a> Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a>	Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a> Park University - <a href="http://www.park.edu">www.park.edu</a> Rockhurst University <a href="http://www.rockhurst.edu">www.rockhurst.edu</a> Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a> Southeast MO State University <a href="http://www.semo.edu">www.semo.edu</a> Southwest Baptist University <a href="http://www.sbu.edu">www.sbu.edu</a> Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a> Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a> University of MO – Columbia <a href="http://www.missouri.edu">www.missouri.edu</a> University of MO – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a> Univ of MO – Rolla – <a href="http://www.umn.edu">www.umn.edu</a> Univ of MO – St Louis - <a href="http://www.umsl.edu">www.umsl.edu</a> Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a> Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a> William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a>
Sample Careers By Educational Level – For Occupational Specialties, go to <a href="http://www.careerclusters.org">www.careerclusters.org</a> or <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree		Masters Degree or More	
	Electronics Engineering Technologists Engineering Technicians Manufacturing Engineering Technologists Science Technicians	Aerospace Engineers Biomedical Engineers Cartographers Chemists Civil Engineers Electrical and Electronics Engineers Energy Engineers Environmental Engineers Geospatial Information Scientists and Technologists Industrial Engineers Manufacturing Engineers Materials Engineers Mechanical Engineers Meteorologists Mining Engineers Nuclear Engineers Petroleum Engineers Photonics Engineers Remote Sensing Scientists and Technologists		Anthropologists Archeologists Astronomers Biologists Environmental Scientists Geographers Geologists and Geophysicists Historians Mathematicians Physicists Political Scientists Robotics Engineers Sociologists	



**Cuba High School**  
**Transportation, Distribution & Logistics**  
**Career Cluster Program of Study Template**  
 www.cuba.k12.mo.us

**SUGGESTED COURSE OF HIGH SCHOOL STUDY**  
 It is suggested that students consider dual credit opportunities for postsecondary credit.

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY						Additional Learning Opportunities	
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	PE (1), Health (.5), Personal Finance (.5), Fine Art (1), Practical Art (.5), Electives				
<b>Secondary</b>	<b>9</b>	English I	Algebra I Geometry	Earth Science	World History	PE Health Fine Art			<b>School-Based:</b> <input checked="" type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input checked="" type="checkbox"/> Service Learning Project <input checked="" type="checkbox"/> Other : 50 hours of A+ Tutoring
	<b>10</b>	English II	Geometry Contemporary Math Algebra II	Biology I	American History	Personal Finance Spanish I			<b>Community Based:</b> <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	<b>11</b>	English III	Contemporary Math Algebra II ◆College Algebra ◆Pre-Calculus	Physical Science ◆College Biology Chemistry ◆Anatomy & Physiology	Government	Fundamentals of Marketing Spanish II	<b>Rolla Technical Institute</b>	Automotive Technology Collision Repair	<b>Assessments/Certifications:</b> <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	<b>12</b>	English IV ◆College Composition English Elective	◆College Algebra ◆Pre-Calculus ◆Calculus	◆College Biology Chemistry ◆Anatomy & Physiology	◆Early American History/ ◆American History	A+ Tutoring	<b>Rolla Technical Institute</b>	Automotive Technology Collision Repair	<b>Placement Assessments:</b> <input checked="" type="checkbox"/> PreACT <input checked="" type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input checked="" type="checkbox"/> ASVAB <input type="checkbox"/> WorkKeys <input type="checkbox"/> Other:
								<b>Student Organizations:</b> <input type="checkbox"/> ART CLUB <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input checked="" type="checkbox"/> SkillsUSA <input checked="" type="checkbox"/> Other: NHS, Key Club	

◆ Dual Credit Option

Revised Fall 2020



**Postsecondary Offerings – For A Complete List of Colleges, go to [www.missouriconnections.org](http://www.missouriconnections.org)**

Postsecondary	Community College	Technical School/Training Institutions	In State		Out of State/Other
	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Hannibal-Lagrange College <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Linn State Technical College <a href="http://www.linnstate.edu">www.linnstate.edu</a></p> <p>Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Community College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a></p> <p>Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>Ranken Technical College <a href="http://www.ranken.edu">www.ranken.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p>	<p>Cape Girardeau Career/Tech Center <a href="http://www.cape.k12.mo.us/cc/default.htm">www.cape.k12.mo.us/cc/default.htm</a></p> <p>Clinton Tech School - <a href="http://www.clinton.k12.mo.us">www.clinton.k12.mo.us</a></p> <p>Davis Hart Career Ctr- <a href="http://www.mexicoschools.net">www.mexicoschools.net</a></p> <p>Eldon Career Ctr - <a href="http://www.eldoncareercenter.org">www.eldoncareercenter.org</a></p> <p>Four Rivers Career Center <a href="http://www.washington.k12.mo.us">www.washington.k12.mo.us</a></p> <p>Franklin Technology- MSSU <a href="http://www.ftcjoplin.com">www.ftcjoplin.com</a></p> <p>Gibson Tech Ctr - <a href="http://www.wolves.k12.mo.us/gtc">www.wolves.k12.mo.us/gtc</a></p> <p>Grand River Technical School - <a href="http://www.grts.org">www.grts.org</a></p> <p>Hannibal Career and Technical Center <a href="http://www.hannibal.tec.mo.us">www.hannibal.tec.mo.us</a></p> <p>Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a></p> <p>Hillyard Technical Ctr - <a href="http://www.hillyardtech.com">www.hillyardtech.com</a></p> <p>Kirkville Area Tech Ctr - <a href="http://www.kirkville.k12.mo.us">www.kirkville.k12.mo.us</a></p> <p>Lake Career and Technical Center <a href="http://www.camdentonschools.org">www.camdentonschools.org</a></p> <p>Lebanon Technology and Career Ctr <a href="http://www.lebanon.k12.mo.us/lccc">www.lebanon.k12.mo.us/lccc</a></p> <p>Lex La-Ray Tech Ctr <a href="http://www.lexington.k12.mo.us">www.lexington.k12.mo.us</a></p> <p>Nichols Career Center - <a href="http://www.jcps.k12.mo.us">www.jcps.k12.mo.us</a></p> <p>Northland Career Center <a href="http://www.northlandcareercenter.com">www.northlandcareercenter.com</a></p> <p>Northwest Tech School <a href="http://www.maryville.k12.mo.us">www.maryville.k12.mo.us</a></p> <p>Pike-Lincoln Tech Ctr - <a href="http://www.pltc.k12.mo.us">www.pltc.k12.mo.us</a></p> <p>Rolla Tech Institute - <a href="http://www.rolla.k12.mo.us">www.rolla.k12.mo.us</a></p> <p>Saline County Career Center <a href="http://www.marshallschools.com/sccc">www.marshallschools.com/sccc</a></p> <p>Sikeston Career &amp; Technology Center <a href="http://www.sikeston.k12.mo.us">www.sikeston.k12.mo.us</a></p> <p>South Central Career Ctr - <a href="http://www.wphs.k12.mo.us">www.wphs.k12.mo.us</a></p> <p>Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a></p>	<p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Baptist Bible College - <a href="http://www.baptist.edu">www.baptist.edu</a></p> <p>Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.cofo.edu">www.cofo.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockon College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>DeVry University - <a href="http://www.devry.edu">www.devry.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College - <a href="http://www.everest-college.edu">www.everest-college.edu</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Grantham Univ - <a href="http://www.grantham.edu">www.grantham.edu</a></p> <p>Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville University of Saint Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Messenger College <a href="http://www.messengercollege.edu">www.messengercollege.edu</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>Missouri Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p> <p>Missouri State Univ – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p> <p>Missouri University of Science &amp; Tech <a href="http://www.mst.edu">www.mst.edu</a></p>	<p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Rockhurst Univ - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Patricia Stevens College <a href="http://www.patriciastevenscollege.edu">www.patriciastevenscollege.edu</a></p> <p>St. Louis Univ - <a href="http://www.imagine.slu.edu">www.imagine.slu.edu</a></p> <p>Southeast Missouri State University <a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist University <a href="http://www.sbniv.edu">www.sbniv.edu</a></p> <p>Stephens College - <a href="http://www.stephens.edu">www.stephens.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>University of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>University of Missouri – Columbia <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>University of Missouri – Kansas City <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>University of Missouri – St Louis <a href="http://www.umsl.edu">www.umsl.edu</a></p> <p>Univ of Phoenix - <a href="http://www.phoenix.edu">www.phoenix.edu</a></p> <p>Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster Univ - <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> <p>Aviation Institute of Maintenance <a href="http://www.aviationmaintenance.edu">www.aviationmaintenance.edu</a></p> <p>Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a></p> <p>American Truck Training <a href="http://www.americantrucktraining.com">www.americantrucktraining.com</a></p> <p>C-1 Truck Driver Training <a href="http://www.c1training.com">www.c1training.com</a></p> <p>ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a></p> <p>Midwestern Training Center</p> <p>National American University <a href="http://www.national.edu">www.national.edu</a></p> <p>Nuway Truck Driver Training <a href="http://www.nuwaytruckschools.com">www.nuwaytruckschools.com</a></p> <p>Southern MO Truck Driving School <a href="http://www.smtds.com">www.smtds.com</a></p> <p>Westwind CDL Training Center <a href="http://www.westwindcdl.com">www.westwindcdl.com</a></p> <p>Witte Truck Driving School</p>

**Sample Careers By Educational Level – For Occupational Specialties, go to [www.careerclusters.org](http://www.careerclusters.org) or [www.missouriconnections.org](http://www.missouriconnections.org)**

On-the-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
<p>Air Traffic Controllers and Flight Attendants</p> <p>Auto Body Repairers</p> <p>Bicycle Repairers</p> <p>Bus Drivers and School Bus Drivers</p> <p>Dispatchers and Traffic Technicians</p> <p>Freight Handlers</p> <p>Heavy Equipment Mechanics</p> <p>Heavy Truck Drivers</p> <p>Motorboat &amp; Motorcycle Mechanics</p> <p>Parking Lot Attendants</p> <p>Riggers</p> <p>Service Station Attendants, Tire Repairers and Changers</p> <p>Transportation Agents</p>	<p>Aircraft Mechanic</p> <p>Automobile Mechanics</p> <p>Bus and Truck Mechanics and Diesel Engine Specialists</p> <p>Electrical/Electronics Installers/Repairers, Transportation Equipment</p> <p>Electronic Equipment Installers/Repairers, Motor Vehicles</p> <p>First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand</p> <p>First-Line Supervisors/Managers of Transportation</p> <p>Material-Moving Machine and Vehicle Operators</p> <p>Motorboat Mechanics and Motorcycle Mechanics</p> <p>Signal and Track Switch Repairers</p> <p>Traffic Technicians</p> <p>Transportation Vehicle, Equipment/Sys Inspectors</p>	<p>Airline Pilot</p> <p>Logisticians</p> <p>Storage and Distribution Managers</p>	<p>Chief Executive</p>

**Cuba High School**  
**Individual Career and Academic Plan (ICAP)**



Name: \_\_\_\_\_  
 Graduation Year: \_\_\_\_\_

	Grade	Suggested Sequence of Minimum Graduation Requirements	Credits	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester		Extracurricular
Secondary	9	Language Arts Mathematics Science Social Studies P.E. Health Electives or Fine Art Requirements	1 1 1 1 1 ½ 1 ½			<p style="text-align: center;"><b>Initial Program of Study</b></p> Date: _____ Student's Signature _____ Parent's Signature _____ Counselor's Signature _____	<input type="checkbox"/> Art Club <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> Key Club <input type="checkbox"/> NHS <input type="checkbox"/> Student Council <input type="checkbox"/> Sports: _____ <input type="checkbox"/> Other: _____
	10	Language Arts Mathematics Science Social Studies Personal Finance Electives or Fine Art Requirements	1 1 1 1 ½ 2 ½			<p style="text-align: center;"><b>Annual Review</b></p> Date of Revision: _____ Student's Signature _____ Parent's Signature _____ Counselor's Signature _____	<input type="checkbox"/> Art Club <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> Key Club <input type="checkbox"/> NHS <input type="checkbox"/> Student Council <input type="checkbox"/> Sports: _____ <input type="checkbox"/> Other: _____
	11	Language Arts Mathematics Science Social Studies Electives	1 1 1 1 3			<p style="text-align: center;"><b>Annual Review</b></p> Date of Revision: _____ Student's Signature _____ Parent's Signature _____ Counselor's Signature _____	<input type="checkbox"/> Art Club <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> Key Club <input type="checkbox"/> NHS <input type="checkbox"/> Student Council <input type="checkbox"/> Sports: _____ <input type="checkbox"/> Other: _____
	12	Language Arts Electives	1 6			<p style="text-align: center;"><b>Annual Review</b></p> Date of Revision: _____ Student's Signature _____ Parent's Signature _____ Counselor's Signature _____	<input type="checkbox"/> Art Club <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> Key Club <input type="checkbox"/> NHS <input type="checkbox"/> Student Council <input type="checkbox"/> Sports: _____ <input type="checkbox"/> Other: _____

**Learning Opportunities**

Postsecondary	Educational/Career Goals	Work Based	Extracurricular & Co-curricular Activities	College Prep Coursework (Dual Credit)		
	Short-Term:	Apprenticeship Career Research Cooperative Education Employment Internship Mentorship Resume/Job Application/ Mock Interview Service Learning Project Volunteer	List with number of years involved and any positions held. Example but not limited to: Scholar Bowl, Speech/Debate, Drama, Marching Band, Athletics, Leadership.			
	Long-Term:	<b>Postsecondary Options:</b> <input type="checkbox"/> Area Career Center <input type="checkbox"/> Employment <input type="checkbox"/> Military <input type="checkbox"/> 2 year College Major: _____ Minor: _____ <input type="checkbox"/> 4 year College or University Major: _____ Minor: _____ <input type="checkbox"/> Other: _____		Postsecondary Applications		

Minimum Graduation Requirements	Postsecondary Considerations	Assessments (*= Required )			
Language Arts – 4 credits Mathematics – 3 credits Social Studies – 3 credits Science – 3 credits Fine Art – 1 credit Practical Art – 1 credit (.5 Personal Finance) Physical Education/Health – 1.5 credits Electives- 7.5-10.5 depending on grad year <b>Total credits + meet all graduation requirements</b> Class of 2021      27 Class of 2022      26 Class of 2023      25 Class of 2024      24	Four year college/universities have minimum requirements for admittance that may be in excess of minimum high school requirements. For example: Many colleges require 4 credits in Mathematics at the level of Algebra I and higher as well as 2 credits of Foreign Language.	Career Cluster/Program of Study: _____  MO Connections Interest Inventory:  <input type="checkbox"/> Career Fair/Expo: <input type="checkbox"/> FAFSA Workshop/Filed: <input type="checkbox"/> Scholarship Exploration <input type="checkbox"/> A+ Program			
<table style="width:100%; border: none;"> <tr> <td style="width: 33%; border: none;"> <input type="checkbox"/> US Constitution *  <input type="checkbox"/> MO Constitution*  <input type="checkbox"/> Civics Exam*  <input type="checkbox"/> CPR/First Aid Instruction*  <input type="checkbox"/> Algebra I EOC*  <input type="checkbox"/> Government EOC*  <input type="checkbox"/> Biology I EOC*  <input type="checkbox"/> English II EOC*  <input type="checkbox"/> Other: _____                         </td> <td style="width: 33%; border: none;"> <input type="checkbox"/> ACT PreACT Score Projection: _____  <input type="checkbox"/> ACT/SAT Score: _____  <input type="checkbox"/> ASVAB  <input type="checkbox"/> Other: _____                         </td> <td style="width: 33%; border: none;"></td> </tr> </table>			<input type="checkbox"/> US Constitution * <input type="checkbox"/> MO Constitution* <input type="checkbox"/> Civics Exam* <input type="checkbox"/> CPR/First Aid Instruction* <input type="checkbox"/> Algebra I EOC* <input type="checkbox"/> Government EOC* <input type="checkbox"/> Biology I EOC* <input type="checkbox"/> English II EOC* <input type="checkbox"/> Other: _____	<input type="checkbox"/> ACT PreACT Score Projection: _____ <input type="checkbox"/> ACT/SAT Score: _____ <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____	
<input type="checkbox"/> US Constitution * <input type="checkbox"/> MO Constitution* <input type="checkbox"/> Civics Exam* <input type="checkbox"/> CPR/First Aid Instruction* <input type="checkbox"/> Algebra I EOC* <input type="checkbox"/> Government EOC* <input type="checkbox"/> Biology I EOC* <input type="checkbox"/> English II EOC* <input type="checkbox"/> Other: _____	<input type="checkbox"/> ACT PreACT Score Projection: _____ <input type="checkbox"/> ACT/SAT Score: _____ <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____				



## TECH PREP ARTICULATION ARTICLES OF AGREEMENT

### Standards for Acceptable Transfer

- a. Student meets the basic standards for credit as defined in the "Tech Prep Articulation Agreement including earning a "B" (8) or better in the courses below.
- b. Student has completed the designated course of study and is prepared to begin college level work.
- c. Student presents the signed and completed Certificate of Articulated Credit.
- d. Student also meets the specific standards defined by the program area below.

Defined equivalence recognized through Tech Prep relationship:

High School course Work	College Course Work
1. Computer Applications	1. Computer Applications

### **VOCATIONAL/TECHNICAL PROGRAMS (Offered at Rolla Technical Institute/Center) 11<sup>th</sup> & 12<sup>th</sup> grade only**

A Career and Technical Education (CTE) concentrator is a student who has completed at least two courses in a single career and technical education program of study. After completion, students will be required to take an approved Technical Skill Assessment (TSA).

Beginning 2019-20 school year, students will be eligible to earn program specific embedded credits while attending RTI/RTC. Students are eligible to earn ½ credit per year in each embedded credit subject offered by the 3-credit program in which they are enrolled. A grade of "C-" or above for both the overall course grade and the embedded credit grade is required to earn embedded credit.

#### **Architectural and Mechanical Design (Drafting/Design)**

This is a 2-year program that includes instruction in mechanical, architectural, and civil/surveying drafting. Drafters prepare detailed drawing from rough sketches, written instruction, specifications, and calculations made by engineers, designers, and architects. These drawings include dimensions, sizes, and specifications and are used to plan, prepare, build, construct, or illustrate the manufacture of various types of produces. Students may also explore the advanced areas of animation and Geographic Information Systems (GIS). Areas of student include: Traditional board methods, Mechanical drafting, AutoCAD 2017 & Inventor 2017 software, Architectural drafting, Autodesk REVIT architectural software, Design and construction techniques, Structural design, Civil/Survey drafting, and Geographic Information Systems.

## **Auto Collision Repair**

Collision Repair is a 2-year course in which students acquire basic entry-level skills in the auto body repair trade. ICAR Certification is available for all students. The course offers instruction in safety procedures, welding/Oxyacetylene and MIG welding, body and frame design and construction, hand-power tool usage and maintenance, estimating and shop management, surface preparation panel replacement, basic sheet metal repair, body filler usage, refinishing and painting, glass installation, use of power tools, metal straightening, replacement of major auto parts, replacement of uni-body structural components, estimating, plastics repair, shop cleaning and care, and modern painting techniques.

## **Automotive Technology**

Automotive Technology is a 2-year program offering instruction in auto shop safety, tools and equipment, engine fundamentals, engine reconditioning, engine performance, chassis, front end, brake systems, Fuel Systems I and II, engine tune-up, electrical systems, repair orders, and cost estimates. This is a National Automotive Technicians Education Foundation (NATEF) certified program and is currently under review for Council On Occupational Education (COE) accreditation East Central College offers dual credit for Automotive Technology students. First year students will cover basic automotive theory and systems. Second year students will get deeper involved with diagnostics and repairs.

## **Construction Trades**

Construction Trades is a two-year program for secondary or post-secondary students. Instruction is offered in safety procedures, blueprint reading, site preparation, building codes, excavation work, concrete foundation, framing and roofing, window and door installation, rough-in electrical, plumbing and insulation, drywall hanging and finishing, interior and exterior painting, wallpapering and ceramic tile, finish electrical work, finish work and an internship.

## **Culinary Arts**

Culinary Arts students spend two years in the classroom mastering the fundamental management and culinary skills needed for success. Students are trained on industry-specific skills that can be used in all aspects of the restaurant and foodservice industry. Students are involved in food production as they practice what they have learned about safety, sanitation, measuring, basic cooking techniques, reading recipes, and operation of commercial equipment. Students also cater special events, including the food preparation and presentation as well as decorations.

## **Drafting & Design**

Drafting & Design is a 2-year course designed to give first year students training in the correct use of drafting tools and materials, sketching, geometric construction, mechanical drawings, dimensioning, pictorials, computer aided drafting (CAD), basic geometry, algebra, and trigonometry. Second year students receive training in structural building,

precision dimensioning, production drawings, surveying, and advanced CAD as required in industry.

### **Design Academy**

Design Technology is a two-year secondary program for students interested in entering a career in the Visual Arts Career cluster. Students may choose between Graphic Design, Animation, or Game Art Design. During the first year, students learn design principles, layout basics and graphic design software. During the second year, students focus on their chosen emphasis areas and develop the necessary skills with advanced projects.

### **Early Childhood Careers**

Early Childhood Careers provides students with the primary knowledge and skills needed for a future career in childcare or early childhood education. Students will engage in the study of human development from birth to age 8, including the areas of physical, social, emotional and intellectual development. This course will also cover topics such as pediatric first aid and CPR, techniques for observing and recording behaviors, communication skills, guidance techniques, developmentally appropriate practices, the role of the teacher in early childhood settings, effective strategies for working with children and families and ethical and professional considerations for early childhood professionals. Students will complete practicum hours, child development associate training, portfolio requirements and course work in an early childhood setting under the guidance and supervision of a certified early childhood educator.

### **EMT – Basic**

This course prepares students to work primarily as a team member in the pre-hospital emergency care setting on an ambulance or with a fire department. Some hospitals have EMT's working in the emergency department. Students are trained to have basic knowledge of the human body and to care for the sick or injured adult or pediatric patient in many situations. If all minimum qualifications are met and after successful completion of the RTI/C EMT course, NIEMT Practical Skills evaluation, and NREMT written certification exam the EMT candidate can apply for Missouri State Licensure through BEMS.

### **Fire and Rescue Technology**

The Fire and Rescue program prepares secondary and post-secondary students for a career in firefighting. Students successfully completing the program will be eligible to take the Fire Fighter I and Fire Fighter II State Certification Exams. The program includes courses in basic fire fighter tactics, fire department management, fire investigations and hazardous materials response.

### **Health Science Academy**

The Health Science Academy is based on a 4 year plan of study with specific classes taken at the home school and Health Science Academy classes. In addition to classroom instruction, students



have hands-on and field-based learning experiences. Students may become a Certified Nurse Aid in a long-term care facility if necessary requirements are met. Students learn basic medical terminology and basic medical procedures.

### **HVACR (Heating, Ventilation, Air Conditioning and Ventilation)**

HVACR is a 2-year program that provides a balance of theory and application. This includes a solid foundation in the principles of heating, ventilation, air conditioning, and refrigeration, combined with extensive laboratory experience. In the lab, students learn to test, systematically trouble shoot, repair, and maintain electrical and mechanical HVACR systems and components. Residential and light commercial heating, ventilating, and air conditioning, along with food preservation refrigeration, are the main focuses of the program. While in the HVACR program, students are members of the Refrigeration Service Engineers Society (RSES), which sets the standards for the industry and provides additional training. Upon successful completion of two years of HVACR, students will be eligible to take the ESCO Institute EPA Refrigerant Certification exam.

### **Information Technology**

Information Technology is a 1-year program designed to provide students with instruction and hands-on experience with the latest hardware, software, and techniques used in computer technical support. Coursework goes beyond simple computer repair and into topics such as database and web design, customer service, and network design. Curriculum covers a broad range of topics while providing enough focus to ensure the area's best quality of instruction at core technical support skills. Participants can expect to receive instruction in various certifications, such as A+ Certification and several Microsoft MTA certifications. Department systems include a variety of Microsoft, Linux, and Macintosh based systems to provide students with the hands-on experience employer's demand.

### **Masonry**

Masonry is a 2-year apprenticeship designed to train students for entry-level masonry jobs with the basic knowledge and skills needed for brick and block work. The program offers instruction in safety procedures; make-up properties; uses and sizes of all masonry units; use of tools and equipment; use of anchors, ties, and reinforcement; types of courses and bonds; experiences in laying brick for a new home; properties and technical details of foundations, floors, roofs, walls, and fireplaces; mathematics for masonry; and blueprint reading.

### **Pathways to Engineering (PLTW)**

This class is an implementation of the pre-engineering curriculum of Project Lead the Way (PLTW), a national nonprofit organization locally supported by the University of Missouri-Rolla. The goal of PLTW is to help schools give students the knowledge they need to excel in high-tech fields, both in college and in the workplace. This 6-course program offers challenging courses that use project-based, hands-on experience to teach students the key elements and skills of engineering and technology-based careers.

## **Wood Manufacturing & Design**

Wood Manufacturing & Design is a two-year course for secondary and post-secondary students. The course offers instruction in designing, construction techniques, tool and machine maintenance, finishing procedures, problem solving, blueprint reading, safe operation of tools and equipment, and estimating cost and materials.

### **Vocational Selection Procedure**

Students who plan to attend the Rolla Technical Institute must fill out an application form available from the counselor. Selection is then based on the following criteria:

- 1) Number of absences during the previous two years.
- 2) Grades in classes that are related to vocational fields (math, science, business, etc.)
- 3) Counselor recommendations - counselors evaluate applicants on such things as attendance and punctuality, credits earned, grades and homework completion and discipline.

Students receiving the most points on this set of criteria will be given first choice at vocational classes. The Principal will make the final decision regarding vocational school attendance.

# **COURSE DESCRIPTIONS**

## **LANGUAGE ARTS**

### **Reading**

(.5 unit, Grade 9)

This class is for freshmen students who have scored below reading levels according to their 8<sup>th</sup> grade MAP Communication Arts score, 8<sup>th</sup> grade Star Test and/or teacher recommendation. Students will take a pre-test to establish current level, and then a number of individualized mini-units to improve reading skills. A post-test will be used to determine improvement. Students will read a variety of literature, focusing on both fiction (short stories) and non-fiction (newspaper articles, magazine articles). Students will deconstruct our reading daily in order to improve both reading retention and reading comprehension.

### **English I**

(1 unit, Grade 9)

Students will study an assortment of grammar and composition techniques, integrating projects such as literary analyses, creative writings, oral compositions, and vocabulary studies. Students will also understand the elements of fiction and non-fiction and be able to demonstrate this in written expression. Individual reading goals will be reviewed quarterly for proficiency points.

### **English II**

(1 unit, Grade 10)

Students will study an assortment of grammar and composition techniques, integrating projects such as literary analyses, creative writings, oral compositions, intense research projects, and vocabulary studies. Students will also understand the elements of fiction and non-fiction and be able to demonstrate this in written expression. Scholastic Reader progress will be reviewed quarterly for proficiency points.

### **\*English II Honors**

(1 unit, Grade 10)

Students will study sentence, paragraph, and composition writing using standard English skills. Students will write a research paper with a bibliography involving library research, note taking, and outlining. There will also be some oral composition projects involving listening and speaking. Intensive vocabulary study will add to their reading skills. Students will learn the elements of fiction and nonfiction and be able to apply them to their reading. This class will move more quickly over the basics than English II. The class will have more enrichment activities such as class projects and require novels read outside the class. Due to the pace and level of work, good attendance is a necessity for success. Scholastic reader progress will be reviewed quarterly for proficiency points.

**Prerequisites:** B or above both semesters of English I. Teacher recommendation based on attendance and work habits.

### **English III**

(1 unit, Grade 11)

This course involves studying the different genres of literature such as short story, poetry, nonfiction, drama, novel, the different terms involved in the study of these literature types, and various examples of each of these. Students will concentrate on American literature, vocabulary study will improve reading skills, and grammar and composition skills will also be covered.

### **\*English III Honors**

(1 unit, Grade 11)

Students will study sentence, paragraph, and composition writing using standard English skills. Students will write a research paper with a bibliography involving library research, note taking, and outlining. There will also be some oral composition projects involving listening and speaking. Vocabulary study will add to their reading skills. Students will learn the elements of fiction and nonfiction and be able to apply them to their reading. This year's literature will focus on American literature. This class will move more quickly over the basics than English III. The class will have more enrichment activities such as class projects and require novels read outside the class. Due to the pace and level of work, good attendance is a necessity for success.

**Prerequisites:** B or above in English II both semesters. Teacher recommendations based on attendance and work habits.

### **English IV**

(1 unit, Grade 12)

This is a class for students who have successfully completed three years of English and who intend to pursue post-secondary opportunities in career and technical schools. Students in this class will be dealing with “real Life” skills (which will include listening, speaking, writing and reading), and will be reading and responding to current, relevant articles and relevant fiction.

### **\*Dual Credit College Composition Honors**

(1 unit, Grade 12)

This course teaches the principles of written composition, including rhetoric and usage. The course emphasizes the development of ideas using various rhetorical patterns. Students will be asked to comprehend and evaluate complex texts across a range of types and disciplines, and construct effective arguments and convey intricate or multi-faced information. Students will gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information into well-developed essays that take into consideration audience, task, purpose, and discipline. Recommended for students who have successfully completed English III and are ready for the rigor of college level writing.

**Prerequisite:** B or above in English III both semesters. Teacher recommendation based on attendance and work habits. The College Board of Higher Education requires that all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

### **Film in American Society**

(1 unit, Grades 11-12)

In this course, students are taught to appreciate the role of film throughout modern history. Students will analyze and critique a variety of film genres, learn film terminology, speak and write about film using appropriate academic language, and complete projects and presentations analyzing central aspects of the 100 years of film making

### **Mythology**

(.5 unit, Grades 10-12)

An introduction to the primary characters and most important stories of classic Greek and Roman mythology. Among those studied will be the accounts Homer in the *Illiad* and *Odyssey*. These stories will be supplemented with the classic myths of god and goddesses that have shaped Western Culture, particularly literature. Students will study the myths themselves, as well as literature inspired by the myths. These extend from the *Illiad* to Shakespeare to contemporary literature.

### **Novels**

(.5 unit, Grades 10-12)

This course involves reading novels and discussing them in depth. The feelings and ideas gained from literature are explored along with plot, characterization, and theme. Students learn to recognize symbols used by authors to produce meaning. Students will be assessed through projects, quizzes, tests, class discussion, and writing assignments. Novels will be assigned by the teacher.

### **Public Speaking**

(1 unit, Grades 9-12)

This class is a performance-based class which allows students maximum opportunity to develop public speaking skills. Students will be required to give speeches with the purpose to educate, entertain, and persuade. Students will learn the basic composition of a speech, how to analyze and research a topic and how to deliver a speech using extemporaneous, manuscript, and memorized delivery styles, as well as impromptu speeches and special occasion speeches.

### **Spanish I**

(1 unit, Grades 9-12)

An introduction to the Spanish-speaking world in Europe, Latin America, and the U.S. The basics of Spanish are taught through reading, writing, listening and speaking. Concentration is on building new vocabulary and using the present tense. Teaching tools and assessments include some traditional work, an online text with videos, dialogs, cultural realia and readings, plus some supplemental TPR (Total Physical Response), a non-text method of language acquisition.

### **Spanish II**

(1 unit, Grades 10-12)

Spanish II reviews fundamentals established in Spanish I, expanding on basics with more cultural information, additional verb tenses, TPR and more extensive grammar and vocabulary study.

**Prerequisite:** Successful completion of Spanish I

## SOCIAL STUDIES

### **World History**

(1 unit, Grades 9-12)

World History surveys the history of mankind from prehistoric to modern times. Major emphasis is placed on studying a variety of cultures and historical eras, including ancient civilizations of the Mediterranean, the Medieval Eras in Europe, the Middle East and Eastern Asia, the Renaissance and Reformation, and the major revolutions, wars, and social movements that have shaped our modern world.

### **American History**

(1 unit, Grades 10-12)

This course will cover U.S. History from after the Civil War until present day. The course starts with the study of the Westward movement and continues through The Industrial Revolution, Spanish-American War, the building of the Panama Canal, WWI, The Roaring Twenties, The Depression, WWII and the Cold War.

### **Government**

(1 unit, Grade 11-12)

This course will focus on American Government: its foundations, the U.S. Constitution, the Missouri Constitution, and historical events that affected the American Government negatively and positively. The U.S. and Missouri Constitution tests will be given and a passing grade is required to graduate. As one of the first courses that students will take entering high school, writing will be integrated with the course and an improvement of writing skills will be essential to the class. The majority of the writing that will be completed for government will focus on mastering the performance event or essay writing.

### **\*Dual Credit American History Honors**

(1 unit, Grades 11-12)

This is both an honors course and a course for college credit (if the student pays the required fees to East Central College). DC American History covers the entire scope of American History from the Reconstruction to the present. The course requires considerable reading, writing and class participation.

**Prerequisite:** The College Board of Higher Education requires all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

### **\*Dual Credit Early American History Honors**

(1 unit, Grades 11–12)

This is both an honors course and a course for college credit (if the student pays the required fees to East Central College). Early American History surveys the development of American History from Colonization to Reconstruction. The course requires considerable reading, writing, and class participation.

**Prerequisite:** The College Board of Higher Education requires that all students enrolled in this class have at least a 3.0 GPA (based on a 4.0 scale).

**Psychology**

(.5 unit, Grades 11-12)

Psychology is defined as the science of human and animal behavior in terms of the individual, peer groups, and society as a whole. Our experiences are put in an overall framework of learning, growing, sharing, and living with ourselves and others.

**Sociology**

(.5 unit, Grades 11-12)

Sociology is the study of the origin, development, organization, and functioning of human society. There will be a comprehensive coverage of society and culture, social structure, institutions, and problems, socialization, continuity and change.



## MATH

### **Math Lab**

(1 unit, Grades 9-12)

This course covers topics necessary to assist student in the successful completion of high school Algebra. Students receive instruction to support topics being studied in Algebra I, as well as instruction to enhance their basic math skills. There are multiple data points assessed in determining enrollment for math lab including students' 8<sup>th</sup> grade math grade, 8<sup>th</sup> grade MAP test score, and a placement test score.

### **Algebra I**

(1 unit, Grades 9-12)

Algebra I continues the study of algebraic concepts including operations with real numbers and polynomials, relations and functions, creation and application of linear function and relations, and an introduction to nonlinear functions.

### **Geometry**

(1 unit, Grades 9-12)

Logical reasoning and the investigation of the elements of finite space to deduce relationships will be studied using measurement, construction, theorems, and formal proof. The course balances the solid skill and concept development required with the applications, connections, problem solving and critical thinking. A strong emphasis on formal deductive proofs in which making conjectures, formulating generalization and drawing conclusions are developed. Students are expected to complete several assignments within each module that demonstrate their knowledge of the applications of geometry.

**Prerequisite:** 9<sup>th</sup> grade placement is based upon an adequate score on Pre-ACT, proficient or advanced on 8<sup>th</sup> grade MAP (mathematics portion) and a 70% in both semesters of 8<sup>th</sup> grade Algebra 1. 10<sup>th</sup>-12<sup>th</sup> grade students must have a passing grade in High School Algebra I.

### **Contemporary Math**

(1 unit, Grades 10-12)

This course consists of the study of patterns and functions. The types of patterns are change, data, shape and chance. Linear, exponential and quadratic functions will be discovered using data. Data will also be gathered to create distributions, histograms and box plots. Once the data has been used to create the charts, it will be used to calculate probabilities.

**Prerequisite:** Passing grade in both semesters of Algebra I and Geometry.

### **Algebra II**

(1 unit, Grades 10-12)

Algebra II continues students' study of advanced algebraic concepts including functions, polynomials, rational expressions, complex numbers, systems of equations and inequalities, and matrices. Emphasis should be placed on practical applications and modeling. Use of appropriate technology will be emphasized.

**Prerequisite:** Passing grade in both semesters of Algebra I and Geometry.

**\*Algebra II Honors**

(1 unit, Grades 10-12)

Algebra II continues students' study of advanced algebraic concepts including functions, polynomials, rational expressions, complex numbers, systems of equations and inequalities, and matrices. Additional topics include exponential expressions, logarithms sequences and series and probability. Emphasis should be placed on practical applications and modeling. Use of appropriate technology will be emphasized. Students will be expected to purchase a graphing calculator for personal use outside the classroom.

**Prerequisite:** B or above in both semesters of Algebra I and Geometry.

**\*Dual Credit College Algebra Honors**

(1 unit Grades 11-12)

This course is offered for both high school and college credit. Topics covered in College Algebra include: complex numbers, logarithms and exponents, polynomials, rational expressions, radicals, solving equations and inequalities, matrices, permutations and combinations, theory of equations and the binomial theorem. The use of graphing calculators and its application to the topics of College Algebra will be emphasized. The material in this course will be presented at a college level and expectations will be similar to those of college students. Students must maintain at least a 70% in the course first semester to remain in the course second semester. Students will be expected to own a graphing calculator for personal use outside the classroom.

**Prerequisites:** Passing grade both semesters of Algebra I, Geometry, and Algebra II or Algebra II Honors. A grade of B or above is strongly recommended. The College Board of Higher Education requires that all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

**\*Dual Credit Pre-Calculus/Trigonometry Honors**

(1 unit, Grades 11-12)

This course provides an intense study of the topics which are fundamental to the study of calculus. Emphasis is placed on functions and their graphs with special attention to polynomial, rational, exponential, logarithmic and trigonometric functions, and analytic trigonometry. Upon completion, students should be able to solve practical problems and use appropriate models for analysis and prediction. The focus will be on preparing students to take calculus. The material in this course will be presented at a college level and expectations will be similar to those of college students. Students must maintain at least a 70% in the course first semester to remain in the course second semester. Students will be expected to own a graphing calculator for personal use outside of the classroom.

**Prerequisite:** B or above in all semesters of Algebra I, Geometry and Algebra II or Algebra II Honors. A grade of 80% or above in Algebra II or Algebra II Honors is strongly recommended. The College Board of Higher Education requires that all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

**\*Dual Credit Calculus Honors**

(1 unit, Grade 12)

This course is both an honors course and a course for college credit. The material in this course will be presented at a college level and expectations will be similar to those of college students. Course content will include Calculus and analytic geometry, including limits, derivatives and integrals. Students will be expected to own a graphing calculator for personal use outside the classroom.

**Prerequisites:** B or above all semesters of Pre-Calculus or College Algebra. The College Board of Higher Education requires that all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

## SCIENCE

### **Earth Science**

(1 unit, Grades 9-10)

This course will examine the structure of Earth, the events that formed Earth, and the processes that continue to shape Earth's surface. Included in this course is the study of Earth's systems, the history of the Earth, human sustainability, space systems, and the interaction between living organisms and their environment.

### **Biology I**

(1 unit, Grades 10-12)

This is a college preparatory course that previews basic biological principles to include: scientific reasoning and experimentation, cell form and function, regulation within the cell and organism, genetics and reproduction, evolution, classification of living organisms, and ecology. Thinking and study skills are an integral part of this class.

**Prerequisites:** Successful completion of Earth Science or Physical Science

### **\*Biology I Honors**

(1 unit, Grades 10-12)

Same course covers same topics as Biology I, but more comprehensive with higher expectations for performance. Current events, socioeconomic, and health aspects of the various biological topics will also be discussed. Individual projects are a requirement.

**Prerequisites:** B or above both semesters of Earth Science or Physical Science

### **Physical Science**

(1 unit, Grades 11-12)

This course is an examination of scientific principles that govern our physical environment. Emphasis is placed on understanding concepts applicable to daily living as well as acquisition of knowledge basic to further scientific study in chemistry and physics. Expect approximately 75% lecture and 25% laboratory experiences.

### **\*Dual Credit College General Biology and Laboratory Honors**

(1 unit, Grades 11-12)

This course is fashioned from East Central College BIO 111 General Biology Lecture and Lab course. We will engage in lecture and lab work weekly with the addition of in class tasks and projects. A student's overall grade will be calculated from lecture tests, lab tests, quizzes, science lab binder assignments, and projects. Course specific assessments are directly associated with the higher order thinking instruction associated with the course. Subjects covered in **lecture** include basic chemistry, organic molecules, cell parts, chemical energy, photosynthesis, patterns of

inheritance and molecular genetics. Subjects covered in the **lab** include the metric system, atoms and molecules, basic microscopy, animal tissues, diffusion and osmosis, plant biology, mitosis, meiosis, and several human anatomy topics. With a much higher level of difficulty than regular sophomore biology, this class is geared towards serious science students. To receive college credit, the student must pay the required fees to the cooperating college. To enroll for college credit, the student may be required to pass a placement test.

**Prerequisites:** B or above in both semesters of Biology I. The College Board of Higher Education requires all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

### **Chemistry**

(1 unit, Grades 11-12)

This course provides a sound basis for all areas of science for those on a college track. Chemistry acquaints the student with the physical structure of matter and how matter interacts. Emphasis is on inorganic chemistry and lab work is required.

**Prerequisite:** C or above in Biology I and Algebra I or Geometry (both semesters of each class)

### **\*Chemistry Honors**

(1 unit, Grades 11-12)

This course provides college bound students with an extensive background in science. In chemistry honors, the student will acquire knowledge in inorganic chemistry, composition of matter and interaction of matter. The student will also become proficient in all areas of lab work including procedures, write-ups and techniques.

**Prerequisites:** B or above in Biology I and Algebra I or Geometry (both semesters of each class)

### **\*Dual Credit Introduction Anatomy & Physiology Honors**

(1 unit, Grades 11-12)

This college credit (optional) class through ECC is a survey of the structure and function of the human body. The micro and macroscopic structure and function of each system will be studied. The course is intended for students who will be attending college to major in the medical field. ECC provides this class to students in the LPN program, EMT program, & Medical Transcription program, so this is a definite medically based class. Cell biology, integument, skeletal, muscular, nervous, endocrine, circulatory, digestive, respiratory, urinary, & reproductive systems will all be explored. To receive college credit, you do have to pay per credit hour. This class is 5 credit hours due to the fact it is a lecture and lab course.

**Prerequisites:** B or above both semesters in Biology I. The College Board of Higher Education requires all students enrolled in this class have a 3.0 GPA (based on a 4.0 scale).

## **PRACTICAL ARTS**

A Career and Technical Education (CTE) concentrator is a student who has completed at least two courses in a single career and technical education program of study. After completion, students will be required to take an approved Technical Skill Assessment (TSA).

### **Advertising** (.5 unit, Grades 9-12)

Students will be introduced to concepts of advertising, planning strategies, communication skills and promotion. Students will utilize graphic design and typography to create ad campaigns and promotional items. Students taking Advertising will have the opportunity to participate in DECA conferences and competitions.

### **Apparel and Textiles (Sewing)** (.5 unit, Grades 9-12)

An instructional program that prepares individuals to understand the social, psychological and physiological aspects of clothing and textiles, the nature, acquisition and use of clothing and textile products, the selection, construction, maintenance and alteration of clothing and textile products, and the effect of consumers choices on the individual and family, as well as the clothing and textile industry.

### **Career and Family Leadership** (.5 unit, Grades 9-12)

An instructional program that is a general study of Family and Consumer Sciences including values clarification, decision-making, managing finances, nutrition and sewing

### **Child Development, Care and Guidance** (.5 unit, Grades 9-12)

An instructional program that prepares individuals to understand children's physical, mental, emotional, and social growth and development. Includes instruction in childcare and guidance.

### **Computer Applications** (.5 unit, Grades 9-12)

This one semester course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage and integrated software applications

### **Entrepreneurship** (.5 unit, Grades 9-12)

Students will learn about entrepreneurship and small business opportunities and management skills. They will be involved in a variety of projects that will help enhance their entrepreneurial skills. This semester class will assist the student in preparing to own his/her own business. Constructing and writing an acceptable business plan is the main focus of this class.

### **Family Living and Parenthood**

(.5 unit, Grades 9-12)

An instructional program that prepares individuals to understand the nature, function and significance of human relationships within the family. Includes instruction in the concepts and principles related to various family living conditions, including abuse prevention, the establishment and maintenance of relationships; the preparation for marriage, parenthood and family life; and the socialization and developmental needs of individuals.

### **Fundamentals of Marketing**

(.5 unit, Grades 9-12)

Fundamentals of Marketing will explore the basic concepts of marketing and do marketing projects. Joining DECA and participating in the district competition is encouraged as part of the class.

**Prerequisites:** Students must have successfully passed Entrepreneurship.

### **Graphic Design**

(.5 unit, Grades 9-12)

This course will familiarize students with Adobe Software including Photoshop, Illustrator, InDesign, and Fireworks. Students will learn how to manipulate and enhance images and photographs, create print advertising, business materials (such as letterheads, business cards), logo design, magazine layout, informational graphics, illustration, posters, and product packaging.

### **Housing Home Furnishings and Equipment**

(.5 unit, Grades 9-12)

An instructional program that prepares the students to understand the physical, psychological, and social influences pertaining to housing decisions. Includes instruction in the human and environmental factors influencing housing, the varied types of housing, costs, exterior and interior design, home furnishings and equipment, and the selections, use, and care of available resources for achieving improved living space to meet individual and family needs.

### **Nutrition and Wellness (Foods)**

(1 unit, Grades 11-12)

An instructional program that teaches students the principles of nutrition, the relationship of nutrition to health and wellness, selection preparation and care of food, meal management to meet individual/family needs, food economics and wise food purchases.

### **Personal Finance**

(.5 unit, Grade 10-12)

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



### **School Flex Program**

(2 units, Grade 11-12)

The School Flex Program involves students enrolled in 11<sup>th</sup> & 12<sup>th</sup> grade whose pursuit of timely graduation would benefit from enrollment in the program as determined by their high school principal, parents or guardians: to provide students with potential career opportunities upon graduation and to provide real-world work experience and learning into the student's academic experience.

### **Web Design**

(1 unit, Grades 10-12)

This course is designed to provide students the skills needed to design and build websites. The course will familiarize students with the software used for advanced desktop publishing and web design to improve creativity and quality of product. Students are responsible for incorporating articles, pictures, video, audio and other multimedia into web sites. After learning the basics of web page design students will be responsible for updating pages on the school web sites in addition to other course work.

### **Yearbook**

(1 unit, Grades 11-12)

The ultimate goal of this class is a finished yearbook that highlights the major school events during the school year. Areas of emphasis will include: setting up and adhering to a budget, developing interpersonal and communication skills; developing leadership roles; taking, developing, and processing photos; time and stress management; designing and developing layouts; and desktop publishing.

**Prerequisites:** Students obtain a position on staff through an application process and an interview procedure.

## **AGRICULTURE**

A Career and Technical Education (CTE) concentrator is a student who has completed at least two courses in a single career and technical education program of study. After completion, students will be required to take an approved Technical Skill Assessment (TSA).

### **AG Science I**

(1 unit, Grades 9-12)

This first course in agricultural education is designed for freshmen and first-year agriculture students. Units studied include leadership ability & development, livestock care, selection and breeding, career selection, supervised agricultural experience (SAE) program development and the use of basic hand tool and power equipment. Participation in National Future Farmers of America Organization (FFA) is encouraged as part of this class.

**AG Science II**

(1 unit, Grades 10-12)

This is the second-year course in the agricultural education curriculum. It is designed to introduce students to basic plant and soil science. Included in the course is the study of plant selection, reproduction, production practices, soil history, make-up, texture, and fertility and grassland management techniques. Ag II students learn additional Ag Mechanics skills. Participation in National Future Farmers of America Organization (FFA) is encouraged as part of this class.

**Prerequisites:** Successful completion of AG Science I

**Agricultural Mechanics (Welding)**

(1 unit, Grades 11-12)

This course includes the theory and practice in the use of Oxy-acetylene, A.C., and D.C. arc welding as well as hot and cold metalworking. Safety protection, equipment, materials and types of joints are studied in this course.

**Prerequisites:** Successful completion of AG Science I and AG Science II

**Agricultural Structures**

(1 unit, Grades 11-12)

This course includes electrical wiring, electrical motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm building.

**Prerequisites:** Successful completion of AG Science I and AG Science II

**Floriculture/Horticulture**

(1 unit, Grades 11-12)

This course is an in-depth study of the horticulture and landscaping industry. It will primarily deal with greenhouse and landscaping operation and with the production, maintenance and marketing of horticulture products along with designing and working with landscaping beds.

**Prerequisites:** Successful completion of AG Science I and AG Science II

**Supervised Agriculture Experience**

(1 unit, Grades 12)

This is a project that students take part in to develop their skills in the workplace or through training outside the classroom. The "REAL WORLD" experience, students may have livestock projects, work on farms, cook at restaurants or a great variety of other activities. Progress is maintained in their record book. This allows students to get a feel for money management and the management decisions they make throughout their SAE program. Some students will have large projects that take many hours per month to maintain and others may have small projects that may be a few hours a month.

**Prerequisites:** Successful completion of AG Science I and AG Science II

## FINE ARTS

### **Art I**

(1 unit, Grades 9-12)

This course is an introduction to the visual arts. The main focus of the course is art production, the elements and principles of design, and art history. Students will participate in a variety of art production techniques including drawing, painting, ceramics, sculpture, and printing. All participants in this course will produce two-dimensional and three-dimensional projects using a variety of art medium including: color pencils, markers, charcoal, oil pastel, acrylic paint, tempera paint, watercolor, cardboard, foam core, plastic, and clay. Students will learn and apply the elements and principles of design and art vocabulary.

### **Art II**

(1 unit, Grades 10-12)

This course is a continuance of the visual arts projects, techniques, vocabulary, and history studied at the introductory level. The main focus of this course will be the practice and enhancement of skills and knowledge gained from prior experience. Students will participate in a variety of art production techniques and produce two-dimensional and three-dimensional projects using a variety of art medium.

**Prerequisite:** Successful completion of Art I

### **Advanced Art**

(1 unit, Grades 11-12)

This course is designed for the student who has a serious interest in the visual arts as a career prospect. Visual arts projects at this level will include advanced techniques and the use of formal materials. Students taking this course will be encouraged to work independently on projects that require prolonged effort and considerable skill. Emphasis will be on producing portfolio quality artwork.

**Prerequisites:** Successful completion of Art I and Art II or teacher recommendation

### **Ceramics**

(.5 unit, Grades 11-12)

This is an introduction course in clay that will cover both hand and wheel construction (dependent on class size). The course will include an examination of clay, glaze, decoration methods, and firing process.

### **Painting**

(.5 unit, Grades 11-12)

This is an introduction course in painting that focuses on the development of fundamental techniques and use of tools. Students will be introduced to the elements and principles of art with a focus on color using watercolor and acrylic. Students will be exposed to a large variety of different artist's styles.

### **Stagecraft**

(1 unit, Grades 9-12)

An introduction course that will explore the components of sculptural building techniques. This includes relief sculpture and three-dimensional sculptures. Students will work primarily with cardboard, paper, and paper mache. Homecoming, Prom, and play decorations are made in this class.

### **Beginning Chorus**

(1 unit, Grades 9-12)

This course is designed to offer beginning voice training to inexperienced choral singers. No concert performances are required. The course is open to all high school students in grades 9-12. Some Music Theory is studied.

### **Advanced Chorus**

(1 unit, Grades 9-12)

The student will complete all requirements for Advanced Chorus, and in addition, will be required to audition for All-Conference and All-District Choirs. The student must also prepare a solo and be a member of an ensemble at the district music festival. Students must meet with their director for outside practices for the minimum required number of additional rehearsals. The student will be required to number and perform sight reading exercises for the director on a regular basis, to be arranged by the director. This will meet at the same hour as Advanced Chorus.

**Prerequisite:** Audition with teacher

### **Beginning Guitar**

(1 unit, Grades 9-12)

The course is available to any high school student who wants to learn to play guitar by reading music. The course is taught much like beginning band except there is only one instrument - the guitar. No electric guitars permitted. Students will learn the basic fundamentals of music as a group. After a period of time, students will be encouraged to work at their own pace. Students will be taught to read music and to play by note. The course will not make you a proficient guitarist, but it will give the basics if further independent instruction is desired. A limited number of school-owned guitars are available for use with a signed waiver. Students are required to purchase replacement strings, as needed.

### **Marching Band**

(.5 unit, Grades 9-12)

The first quarter emphasis is on the fundamentals of marching. The band performs at several local parades, all home football games, and competition parades. The band is extremely crucial for the benefit of the team. Students are expected to attend all excess rehearsals and performances. The second quarter finishes up the competitive marching season and the focus of the band is turned to basketball pep band. The band will also perform at the annual Veteran's Day assembly and Christmas Concert.

**Prerequisite:** Audition at the end of the school year, passing grade in previous year's band class.

## **Concert Band**

(.5 unit, Grades 9-12)

Concert Band focuses on performing works from a standard repertoire of band selections. Students are expected to further develop individual performance, musical knowledge, and grow together as a team. Daily attendance is essential for team development. Students will perform for State Band contest, an annual Spring Concert, Graduation, and pep band music will be performed at all home basketball games.

**Prerequisite:** Passing grade in Marching Band previous semester.

## **Dramatic Acting I**

(.5 unit, Grades 9-12)

A beginning acting class for students with little or no acting experience who want to learn the basics of acting and increase their poise and self-confidence when performing in front of others. This is a great class for students who want to test the waters first before they audition for the play or musical. Students will start out slowly with simple exercises and gradually work their way through pantomime, mime, improvisation, and eventually duets and monologues performed from memorized scripts. Emphasis will be on stage movement, diction and vocal technique.

## **Dramatic Acting II**

(.5 unit, Grades 9-12)

This is a performance intensive class for students with some previous acting experience who wish to sharpen their acting skills and learn some directing skills. Students will perform a variety of monologues, duets and scenes from serious and humorous, classical and modern pieces of dramatic literature. An emphasis will be on interpretation, character analysis and performance techniques including method acting, dialect, period movement and style. Students will also have the opportunity to direct at least one scene. Upon leaving this class, students will have at least two contrasting pieces in their repertoire, one classical, and one contemporary, suitable for auditioning for a college scholarship to professional theatre. Students will also learn how to put together a resume for theatrical work, all about actors unions, agents and casting directors, and how to find a job in the world of professional theatre.

**Prerequisite:** Successful completion of Dramatic Acting I.

## **PHYSICAL EDUCATION**

Most physical education classes are coed. A student must pass a regular Physical Education class before they can take a Lifetime Sports or Team Sports class. A 9<sup>th</sup>-11<sup>th</sup> grade student may enroll in only one Physical Education class a semester. A 12<sup>th</sup> grade student may enroll in two Physical Education classes a semester.

### **Health**

(.5 unit, Grades 9-12)

This course will help the student understand the factors that contribute to good health (mental, emotional, physical and social factors). It will also give the students information about drugs, alcohol and tobacco and make them aware of current health issues.

### **Aerobics/Body Conditioning**

(1 unit, Grades 9-12)

Students will be taught the skills and knowledge necessary to participate in a variety of aerobic activities. This class will expose students to many different styles of workouts. Students will experience yoga, kickboxing, Insanity and P90X workouts, and different dancing styles directed by video.

### **Physical Education**

(1 unit, Grade 9)

Students will be taught the skills and knowledge necessary to participate in a variety of activities. These activities will include individual, dual, or team sports such as: basketball, badminton, pickle ball, volleyball, softball and Frisbee. The students will also be tested in their personal fitness levels.

### **Strength Training**

(1 unit, Grades 9-12)

This class will consist of free-weight strength training as well as poly-metric training. Students will be tested in various skills to measure their performance. Each student will have a workout program to follow.

### **Lifetime Sports**

(1 unit, Grades 10-12)

Students will be taught the skills and knowledge necessary to participate in a variety of individual/dual lifetime activities. These activities will include: badminton, Frisbee, pickle ball, croquet, bocce ball (a variation of lawn bowling), tennis, golf, and bowling.

**Prerequisites:** Successful completion of Physical Education

**Team Sports**

(1 unit, Grades 10-12)

This class is designed for students who enjoy high energy activities and can work with others on teams of different sizes. Students will be presented with the rules and regulations of each sport and practice the skills to be successful at each sport. You will have opportunities to take a leadership role as a captain or a team member to make your team successful.

**Prerequisites:** Successful completion of Physical Education



## MISCELLANEOUS

### **Office Aide**

(.25 unit, Grade 12)

Seniors wishing to volunteer time assisting teachers and office personnel can apply to become an aide. Time will be spent doing various tasks, such as photocopying and running errands, as assigned by teachers or office personnel. No grade points will be awarded for this activity. However, the student will receive .25 credits per semester for serving as an aide.

### **A+ Tutoring**

(.5 unit, Grade 12)

A+ tutoring is a course designed as a career exploration class in the human services career pathway. This class is for students enrolled in the A+ program to complete their 50 hours of non-paid tutoring/mentoring. It will allow students to experience what it is like to be a classroom teacher. Students will be assigned to a teacher within Crawford County R-II Schools to observe, teach, and perform other tutoring/mentoring related tasks. Students will benefit from their leadership role of working with varied groups of students or individually and the guidance of the faculty.

### **ACT Prep**

(.5 unit, Grades 9-12)

ACT Prep is a class designed for independent work during the school day. Students will select the ACT area they most want to improve, as it will not likely be feasible to complete a full test prep in one semester. They will then work independently on Edgenuity to boost their test scores. Grades will be based on time spent working in class (classwork), assignments (formatives), and quizzes (summatives). Guided notes can be taken to improve learning. Students taking the ACT prep class must register to take the ACT test either during the semester they are taking the prep class or the semester immediately following.

## INDIVIDUAL PLANNING RESOURCES

### **MO Center for Career Education (MCCE)**

MCCE provides a collection of resources supporting the curriculum and instruction of career and technical education. <http://www.missouricareereducation.org/home.php>

### **A+ Program**

The Missouri A+ Schools Program offers a framework and incentives for providing quality education for all students. Each student must enter into a written agreement with the school prior to high school graduation and fulfill basic requirements related to attendance, GPA, tutoring/mentoring and good citizenship. <http://dhe.mo.gov/ppc/grants/aplusscholarship.php>

### **ACT**

The ACT is a national college admissions examination that consists of subject area tests in: English, math, reading and science. <http://www.actstudent.org/>

### **ASVAB**

ASVAB is a multiple-choice test administered by the United States Military Entrance Processing Command and is used to determine qualification for enlistment in the United States armed forces. It is often optionally administered to American high school students when they are in the 11th grade, although anyone eligible to and who is interested in enlisting can take it. <http://www.military.com/join-armed-forces/asvab>

### **Area Career and Tech Centers**

The statewide network of Missouri Career Centers provides valuable workforce services to help people obtain quality, self-sustaining careers. The services are provided by way of a partnership of federal, state and local employment and training organizations that are tailored to reflect the specific needs in each community.

<http://jobs.mo.gov/jobseeker/career-tools/why-visit-a-missouri-career-center>

### **SAT**

The SAT is a standardized test for college admissions in the United States. It measures critical thinking skills that are needed for academic success in college. SAT consists of three major sections: Critical Reading, Mathematics and Writing. High school juniors and seniors typically take the SAT. <http://www.collegeboard.com/student/testing/sat/about/SATI.html>

### **Missouri Connections**

Missouri Connections is a web-based resource for exploration of career interests, occupations and educational strategies. The resource provides information on career paths, clusters, pathways and career options. Students build a portfolio with education plans, resumes, favorites, and more. It provides assistance with tracking goals and preparing for the workforce.

<http://missouriconnections.org/>

### **National College Athletic Association (NCAA)**

NCAA is a voluntary organization through which the nation's colleges and universities govern their athletics programs and provide information on eligibility requirements, personal welfare/decision-making and academics. [www.ncaa.org](http://www.ncaa.org)

### **Perkins**

The Carl D. Perkins Career and Technical Education Improvement Act (2006) represents one of the largest federal investments in our nation's high schools and is a key component of our secondary and postsecondary education systems. The Perkins Act provides more than \$1.2 billion in federal support for career and technical education programs in all 50 states. <https://dese.mo.gov/college-career-readiness/career-education/perkins-act>

### **PSAT**

The Preliminary SAT®/National Merit Scholarship Qualifying Test is a co-sponsored program by the College Board and National Merit Scholarship Corporation (NMSC). It is a standardized test that provides Practice for the SAT and a chance to enter National Merit Scholarship Corporation (NMSC) scholarship programs. It measures critical reading skills, math problem-solving skills and writing skills. It is a good source of feedback on strengths and weaknesses which allow students to focus on preparation on those areas that could most benefit from additional study and practice. <http://www.collegeboard.com/student/testing/psat/about.html>

### **MOCAP Missouri Virtual School**

MOCAP offers online courses for students statewide. Students can take an entire course from any Internet-connected computer, available 24 hours a day, and seven days a week. MOCAP is a K-12 program that enables all schools to offer Missouri students equal access to a wider range of coursework, more flexibility in scheduling, and learning online is neither time nor place dependent. <http://movip.org>

### **Missouri Colleges and Universities**

Contact information for Missouri colleges and universities. <http://collegesearch.mo.gov/>

### **Tech Prep**

Tech Prep serves to support, promote and encourage career and technical education programs that link secondary and post-secondary education, employers and communities to ensure a highly skilled workforce. It also promotes lifelong learning and helps to provide a seamless transition between post-secondary education and career employment. <https://www2.ed.gov/about/offices/list/ovae/pi/cte/techprep.html>

### **Fastweb**

Fastweb is an online resource when it comes to paying for and preparing for school. Fastweb has earned a reputation as a leading scholarship search provider. They offer members information on financial aid, jobs and internships, student life and more. <http://www.fastweb.com>