



Webb City High School
Architecture & Construction
Career Cluster Program of Study Template
 www.wccards.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	Technology Center Courses Carthage Tech / Franklin Tech	Additional Learning Opportunities	
Secondary	9	CA I	Integrated I Or Highest Math Possible	Physical Science Pre-AP Physics	Geo / World History	PE or ROTC Speech Health Fine Arts	School-Based Options <i>Career Research</i> <i>Internship</i> <i>Job Shadowing</i> <i>Service Learning Project</i> <hr/> Community Based Options <i>Mentorship</i> <i>Volunteer</i> <i>Part-time Employment</i> <hr/> Assessments/Certifications: <i>Technical Skills Assessment (TSA)</i> <i>Certification</i> <hr/> Placement Assessments: ACT ASVAB <i>Compass Test</i> PLAN PSAT SAT WorkKeys <hr/> Student Organizations: DECA FBLA FCA FCCLA FFA <i>French Club</i> FTA <i>Science Club</i> SkillsUSA <i>Spanish Club</i>	
	10	CA II	Integrated II Or Highest Math Possible	Pre – AP Chemistry Environ. Science Zoology (1/2) Botany (1/2) Forensics Life Science	Am. Government AP US Government	Personal Finance		
	11	CA III CA III Career Tech AP Language Creat. Writing (1/2) ACT English (1/2) Intro to Lit (1/2)	Advanced Algebra Honors Adv Algebra Or Highest Math Possible	Biology College Biology	American Heritage AP US History College US History*		Carpentry Heating, Ventilation, Air Conditioning, and Refrigeration	
	12	CA IV CA IV Career Tech AP Literature Comp 110 / 210* Creat. Writing (1/2) ACT English (1/2) Intro to Lit (1/2)	Pre-calculus College Algebra Calculus	College Chemistry AP Physics AP Chemistry AP Biology	Sociology Psychology		Carpentry Heating, Ventilation, Air Conditioning, and Refrigeration	

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org

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

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org

On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
<p>Bricklayers, Stonemasons and Cement Masons</p> <p>Cabinetmakers and Carpenters</p> <p>Drywall Finishers & installers and Plasterers</p> <p>Electricians</p> <p>Fence Builders</p> <p>Heating and Cooling System Mechanics</p> <p>Highway Maintenance Workers & 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>

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◆ Articulated Credit * Dual Credit

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