



Boonslick Technical Career Center
Agriculture, Food & Natural Resources
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Career & Leadership Connections	Agricultural Science I ♦	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: <hr/> Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: <hr/> Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: <hr/> Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: <hr/> Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Graphic Arts Career & Leadership Connections	Agricultural Science I & II ♦	
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Computer Apps Accounting I Career & Leadership Connections	Ag Leadership & Communications ♦ Ag Management & Economics ♦ Ag Power I ♦ Agricultural Construction Animal Science ♦ Conservation & Natural Resources Floriculture Greenhouse Operation ♦ Landscaping/Turf Grass Management ♦	
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg * Calculus*	Anatomy, AP Chemistry, Physics Botany	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Speech* Career & Leadership Connections	Ag Leadership & Communications ♦ Ag Management & Economics ♦ Ag Power I ♦ Agricultural Construction Animal Science ♦ Conservation & Natural Resources Floriculture Greenhouse Operation ♦ Landscaping/Turf Grass Management ♦ Sustainable Energy Theory & Lab	

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu	Columbia Area Career Center www.career-center.org	A.T. Skill University of Health Sciences www.atsu.edu	Missouri Western State University www.missouriwestern.edu	<ul style="list-style-type: none"> • Apprenticeship • Military • On-the-Job Training Petropolis Academy of Grooming & Training - www.petropolisacademy.com Midwest Institute www.midwestinstitute.com
	East Central College www.eastcentral.edu	Davis Hart Career Center www.mexicoschools.net	Avila University - www.avila.edu	Northwest Missouri State University www.nwmissouri.edu	
	Jefferson College www.jeffco.edu	Eldon Career Center www.eldoncareercenter.org	Central Methodist University www.centralmethodist.edu	Park University - www.park.edu	
	Linn State Technical College www.linnstate.edu	Hannibal Career and Technical Center www.hannibal.tec.mo.us	College of the Ozarks - www.coto.edu	Rockhurst University - www.rockhurst.edu	
	Metropolitan Community College www.mccckc.edu	Kirksville Area Tech Center www.kirksville.k12.mo.us	Columbia College - www.ccis.edu	Saint Louis University www.imagine.stu.edu	
	Mineral Area College www.mineralarea.edu	Moberly Area Tech Center www.moberly.k12.mo.us	Culver-Stockton College www.culver.edu	Southeast MO State University www.semo.edu	
	North Central Missouri College www.ncmissouri.edu	Ranken Tech College www.ranken.edu	Drury University - www.drury.edu	Southwest Baptist University www.sbu.edu	
	Ozarks Technical Community College www.otc.edu	Waynesville Technical Academy www.waynesville.k12.mo.us	Evangel University - www.evangel.edu	Stephens College - www.stephens.edu	
	St Louis Community College www.stlcc.edu		Fontbonne Univ - www.fontbonne.edu	Truman State Univ - www.truman.edu	
State Fair Community College www.sfccmo.edu		Hannibal-Lagrange College - www.hlq.edu	Univ of Central MO - www.ucmo.edu		
Three Rivers Community College www.trcc.edu		Lincoln University - www.lincolnu.edu	University of MO – Columbia www.missouri.edu		
		Lindenwood University www.lindenwood.edu	University of MO – Kansas City www.umkc.edu		
		Maryville University of St. Louis www.maryville.edu	Univ of MO – St Louis - www.umsu.edu		
		Missouri Baptist Univ - www.mobap.edu	Washington University - www.wustl.edu		
		MO Southern State University www.mssu.edu	Webster University www.websteruniv.edu		
		Missouri State University www.missouristate.edu	Westminster College www.westminster-mo.edu		
		Missouri State University – West Plains www.wp.missouristate.edu	William Jewell College - www.jewell.edu		
		MO Univ of Science & Technology www.mst.edu	William Woods University www.williamwoods.edu		
		Missouri Valley College www.moval.edu			
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	
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	



Boonslick Technical Career Center
Architecture & Construction
 Career Cluster Program of Study Template
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	Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Career & Leadership Connections	Intro to Woodworking Tech	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography Or World History	Personal Finance Graphic Arts Multimedia Career & Leadership Connections	Adv. Construction Tech Intro to Woodworking Tech	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Housing and Interiors Business Law Intro to Business Career & Leadership Connections	Adv. Construction Tech CAD I Intro to Woodworking Tech	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV Or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg * Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Accounting Speech* Business Mgmt. Career & Leadership Connections	Entrepreneurship CAD II Ag Construction Landscaping/Turf Management ♦ Intro to Woodworking Tech	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

♦ Articulated Credit * Dual Credit

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 Car - www.career-center.org</p> <p>Davis Hart Career Car- www.mexicoschools.net</p> <p>Eldon Career Car - www.eldoncareercenter.org</p> <p>Franklin Technology- MSSU www.ftcjoplin.com</p> <p>Gibson Tech Car - 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 Car - www.hillyardtech.com</p> <p>Lake Career & Technical Center www.camdentonschools.org</p> <p>Lebanon Technology and Career Car www.lebanon.k12.mo.us</p> <p>Lex La-Ray Tech Car www.lexington.k12.mo.us</p> <p>Kirksville Area Tech Car www.kirksville.k12.mo.us</p> <p>Moberly Area Tech Car - www.moberly.k12.mo.us</p> <p>Nichols Career Center - www.jcps.k12.mo.us</p> <p>Northland Career Car - 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 Car - 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 Car - 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.sbu.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>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>



Boonslick Technical Career Center
Arts, A/V Technology & Communications
 Career Cluster Program of Study Template
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	Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Health Fine Art Practical Art Spanish Drama Career & Leadership Connections Thematic Lit I	Marketing	School-Based: <input type="checkbox"/> <i>Career Research</i> <input type="checkbox"/> <i>Cooperative Education</i> <input type="checkbox"/> <i>Internship</i> <input type="checkbox"/> <i>Job Shadowing</i> <input type="checkbox"/> <i>Service Learning Project</i> <input type="checkbox"/> <i>Other:</i> _____
	10	Com Arts II	Geometry	Biology	World Geography Or World History	Personal Finance Graphic Arts Computer Apps. Music of 20 th Century Newspaper Yearbook Publications Adv. Computer Apps. Band Art Choir Spanish	Computer Game Simulation & Programming Marketing Fashion Marketing Retail Marketing Hospitality, Travel & Tour	Community Based: <input type="checkbox"/> <i>Mentorship</i> <input type="checkbox"/> <i>Volunteer</i> <input type="checkbox"/> <i>Part-time Employment</i> <input type="checkbox"/> <i>Other:</i> _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Band Art Choir Web Design Intro Film Creative Writing Speech* Spanish Multimedia Appl Instrumental Tech * Thematic Lit II Humanities	Computer Game Simulation & Programming Fashion Marketing Retail Marketing Marketing Internship Hospitality, Travel, & Tour Information Tech I Computer Networking Lab Medical Terminology *	Assessments/Certifications: <input type="checkbox"/> <i>Technical Skills Attainment (TSA)</i> <input type="checkbox"/> <i>Other:</i> _____
	12	Com Arts IV Or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg * Calculus *	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Art Portfolio Humanities Creative Writing II Spanish Appl Instrumental Tech* Adv Graphic Arts	Computer Game Simulation & Programming Fashion Marketing Retail Marketing Marketing Iternship Hospitality, Travel & Tour Information Tech I & II Computer Networking Lab Medical Terminology *	Placement Assessments: <input type="checkbox"/> <i>Compass Test</i> <input type="checkbox"/> <i>ACT</i> <input type="checkbox"/> <i>PSAT</i> <input type="checkbox"/> <i>SAT</i> <input type="checkbox"/> <i>ASVAB</i> <input type="checkbox"/> <i>Other:</i> _____
								Student Organizations: <input type="checkbox"/> <i>FBLA</i> <input type="checkbox"/> <i>FFA</i> <input type="checkbox"/> <i>FCCLA</i> <input type="checkbox"/> <i>SkillsUSA</i> <input type="checkbox"/> <i>DECA</i> <input type="checkbox"/> <i>HOSA</i> <input type="checkbox"/> <i>JROTC</i>

◆ Articulated Credit * Dual Credit

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

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



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Business Management & Administration
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	Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish Intro to Business Computer Apps.	Marketing	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Career & Leadership Connections Intro to Business Business Sports Management Business Econ	Adv Marketing Retail Marketing Fashion Marketing Sports & Entertainment Mkt. Hosp., Travel, & Tourism Entrepreneurship	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Chemistry, Earth Science, Zoology	Government	Accounting I Spanish Business Sports Management Career & Leadership Connections Business Econ Intro to Business	Agricultural Economics and Management Information Tech I Computer Networking Lab Medical Terminology Marketing Internship Retail Marketing Fashion Marketing Hosp., Travel, & Tourism	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Algebra* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Business Law Business SportsMgmt. Accounting II Spanish Career & Leadership Connections Intro to Business Business Econ	Agricultural Economics and Management Information Tech I & II Computer Networking Lab Medical Terminology Retail Marketing Fashion Marketing Hosp., Travel, & Tourism	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT or SAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other _____ Student Organizations:

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

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Community College www.mcckc.edu</p> <p>Mineral Area College www.mineralarea.edu</p> <p>Moberly Area Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm. College www.otc.edu</p> <p>St. Charles Community College www.sichas.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Clinton Tech School www.clinton.k12.mo.us</p> <p>Eldon Career Center - www.eldoncareercenter.org</p> <p>Franklin Technology- MSSU www.ftcjoplin.com</p> <p>Grand River Technical School www.grts.org</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Kirksville Area Tech Center www.kirksville.k12.mo.us</p> <p>Lex La-Ray Tech Center www.lexington.k12.mo.us</p> <p>Moberly Area Tech Center www.moberly.k12.mo.us</p> <p>Northwest Tech School - www.maryville.k12.mo.us</p> <p>Pike-Lincoln Tech Center www.pltc.k12.mo.us</p> <p>Ranken Tech College - www.ranken.edu</p> <p>Saline County Career Center www.marshallschools.com/sccc</p> <p>Sikeston Career and Technology Center www.sikeston.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>DeVry University - www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College - www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College - www.hlg.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Hickey College - www.hickeycollege.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ of St. Louis www.maryville.edu</p> <p>Messenger College www.messengercollege.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State Univ - www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p>	<p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University - www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State Univ - www.semo.edu</p> <p>Southwest Baptist Univ - www.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 – Rolla – www.UMR.edu</p> <p>Univ of MO – St Louis - www.umsl.edu</p> <p>Univ 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>Colorado Technical University www.coloradotech.com</p> <p>Daruby School www.darubyschool.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Metro Business College www.metrobusinesscollege.edu</p> <p>MVC Computer & Business School www.mvcschool.com</p> <p>National American University www.national.edu</p> <p>TechSkills www.techskills.com</p> <p>Texas County Technical Institute www.texascountytech.edu</p>

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

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



Boonslick Technical Career Center
Education & Training
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish I Career & Leadership Connection		School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Graphic Arts Spanish Computer Appl Adv Computer Appl FCCLA Leadership Career & Leadership Connection		Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Child Development I&II Family Relations Speech* Spanish Teacher's Aide Hannah Cole Aide Multimedia Career & Leadership Connection		Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology* Sociology Criminal Justice Current Events Western Civilization I & II*	Spanish Speech Teacher's Aide Hannah Cole Aide Career & Leadership Connection Humanities		Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Tech Community College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu		Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Cottey College - www.cottey.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlg.edu Harris-Stowe State Univ - www.hssu.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Missouri Baptist Univ - www.mobap.edu Maryville University of St. Louis www.maryville.edu Messenger College www.messengercollege.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University - West Plains www.wp.missouristate.edu Missouri Valley College - www.moval.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu St Louis Christian College www.slconline.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbuniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO - Columbia www.missouri.edu University of MO - Kansas City www.umkc.edu University of MO - St Louis www.umsl.edu Washington University - www.wustl.edu Westminster College www.westminster-mo.edu Webster University www.websteruniv.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Baptist Bible College & Graduate School www.baptist.edu Calvary Bible College and Theological Seminary - www.calvary.edu Colorado Technical University www.coloradotech.com Conception Seminary College www.conceptionabbey.org Grantham University www.grantham.edu National American University www.national.edu Paris II Educational Center www.parisii.net Wentworth Military Academy www.wma1880.org
Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org					
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		



Boonslick Technical Career Center
Finance
 Career Cluster Program of Study Template
 www.btec.boonville.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.
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	Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Health Fine Art Spanish Computer Apps. Intro to Business Career & Leadership Connection	Marketing	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography/ World History	Personal Finance Comp App/Adv. Comp Business Econ Spanish Business Sports Management Career & Leadership Connection	Adv Marketing Retail Marketing Fashion Marketing Sports & Entertainment Mkt. Hosp., Travel, & Tourism Entrepreneurship	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Accounting I Business Econ Business Law Speech* Spanish Business Sports Management Career & Leadership Connection	Agricultural Economics and Management Information Tech I Computer Networking Lab Medical Terminology Marketing Internship Retail Marketing Fashion Marketing Hosp., Travel, & Tourism	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Government Criminal Justice Current Events Western Civilization I & II*	Business Law Business Economics Business Law Accounting II Spanish Business Sports Management Career & Leadership Connection	Agricultural Economics and Management Information Tech I & II Computer Networking Lab Medical Terminology Retail Marketing Fashion Marketing Hosp., Travel, & Tourism	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

◆ Articulated Credit * Dual Credit

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

Postsecondary	Community College	Technical School	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Moberly Area Community College www.macc.edu North Central Missouri College www.ncmissouri.edu Ozarks Technical Comm. College www.otc.edu St Louis Community College www.stlcc.edu St. Charles Community College www.stchas.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu			Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu Columbia College - www.ccis.edu College of the Ozarks - www.coto.edu Culver-Stockton College www.culver.edu DeVry University – www.devry.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Fontbonne Univ - www.fontbonne.edu Hannibal-Lagrange College www.hlq.edu Hickey College - www.hickeycollege.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Missouri College www.missouricollege.com MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri Valley College www.moval.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.stu.edu Southeast MO State University www.semo.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu Univ of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – Rolla – www.umn.edu Univ of MO – St Louis - www.umsl.edu Washington University - www.wustl.edu Webster University - www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu Vatterott College www.vatterott-college.edu

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

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



Boonslick Technical Career Center
Government & Public Administration
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish	JROTC 1 Entrepreneurship	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: <hr/>
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Spanish Computer Appl Adv Computer Appl Business Law Business Mgmt FCCLA Leadership	JROTC 2 Entrepreneurship	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: <hr/> Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: <hr/>
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Speech* Spanish Business Economics Accounting I	JROTC 3 Entrepreneurship	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: <hr/>
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology* Sociology Criminal Justice Current Events Western Civilization I & II*	Spanish Accounting II Business Economics	JROTC 4 Entrepreneurship	Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

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

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

On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree	Masters Degree or More
Compliance Officers and Inspectors Government Benefits Interviewers Interpreters and Translators License Clerks Mail Carriers Meter Readers Postal Clerks	Assessors Eligibility Interviewers, Government Programs General, Operations and Transportation Managers Government Property Inspectors and Investigators Licensing Examiners and Inspectors Mapping Technicians Municipal and Court Clerks Postmasters and Mail Superintendents Surveying Technicians Tax Examiners, Collectors, and Revenue Agents Tax Preparers	Administrative Services Managers Broadcast News Analysts & Public Relations Specialists City and Regional Planning Aides Emergency Management Specialists Equal Opportunity Representatives and Officers Financial Examiners Legislators Reporters and Correspondents Social and Community Service Managers Storage and Distribution Managers Urban and Regional Planners	Architecture Teachers, Postsecondary Chief Executives Communications Teachers, Postsecondary Coroners Economists Engineering Managers Political Science Teachers, Postsecondary Political Scientists



Boonslick Technical Career Center
Health Sciences
 Career Cluster Program of Study Template
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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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish Career & Leadership Connections		School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	PE Personal Finance Spanish Computer Apps. Adv. Computer Apps. Foods I & II	Intro to Health Science Current Health Events	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	PE Child Development I & II Family Relations Spanish Foods I & II	Current Health Events Health Science I Lab ♦ Intro to Health Science Medical Math Medical Terminology I&II* Mental Health Issues	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	PE Spanish Speech* Foods I & II	Current Health Events Health Science I & II Lab ♦ Intro to Health Science Medical Math Medical Terminology I&II* Mental Health Issues	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

♦Articulated Credit * Dual Credit

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

Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	<p>Crowder College www.crowder.edu</p> <p>East Central College www.eastcentral.edu</p> <p>Jefferson College www.jeffco.edu</p> <p>Metropolitan Comm 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 MO College www.ncmissouri.edu</p> <p>Ozarks Tech Comm College www.otc.edu</p> <p>St. Charles Comm College www.stchas.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Comm College www.trcc.edu</p>	<p>Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm</p> <p>Cass Career Center www.harrisonville.k12.mo.us</p> <p>Columbia Career Center www.career-center.org</p> <p>Four Rivers Technical Center www.washington.k12.mo.us</p> <p>Franklin Tech - MSSU www.ftcjoplin.com</p> <p>Grand River Tech School - www.grts.org</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Hillyard Technical Center www.hillyardtech.com</p> <p>Kennett Career and Technology Center www.kennett.k12.mo.us</p> <p>Lex La-Ray Tech Car - www.lexington.k12.mo.us</p> <p>Moberly Area Tech Center www.moberly.k12.mo.us</p> <p>Northland Career Center www.northlandcareercenter.com</p> <p>Northwest Tech School - www.maryville.k12.mo.us</p> <p>Poplar Bluff Schools - www.r1schools.org</p> <p>Sikeston Career and Technology Center www.sikeston.k12.mo.us</p> <p>South Central Career Center www.wphs.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>AT Skill University of Health Sciences www.atsu.edu</p> <p>Avila University - www.avila.edu</p> <p>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.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlg.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ of St. Louis www.maryville.edu</p> <p>Missouri College www.missouricollege.com</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>MO Southern State Univ - www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University - West Plains www.wp.missouristate.edu</p>	<p>Missouri Valley College - www.moval.edu</p> <p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Patricia Stevens College www.patriciastevenscollege.edu</p> <p>Rockhurst University - www.rockhurst.edu</p> <p>Saint Louis Univ - www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State Univ - www.semo.edu</p> <p>Southwest Baptist Univ - www.sbuniv.edu</p> <p>Stephens College - www.stephens.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>Univ of MO - 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>Univ 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>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>Allied College - www.hightechinstitute.edu</p> <p>Barnes-Jewish College of Nursing & Allied Health - www.barnesjewishcollege.edu</p> <p>Cleveland Chiropractic College www.cleveland.edu</p> <p>Colorado Tech Univ www.coloradotech.com</p> <p>Cox Health - www.coxhealth.com</p> <p>Chamberlain College of Nursing www.chamberlain.edu</p> <p>Heritage Coll - www.heritage-college.com</p> <p>Cox College of Nursing & Health Science www.coxcollege.edu</p> <p>Logan Coll of Chiropractic - www.logan.edu</p> <p>Lutheran School of Nursing www.nursingschoollmc.com</p> <p>Kansas City Univ of Med & Biosciences - www.kcumb.edu</p> <p>Research Med Ctr School of Nuclear Med www.researchmedicalcenter.com</p> <p>St John's Reg Health Car - www.stjohns.com</p> <p>Saint Luke's College - www.saint-lukes.org</p> <p>St Louis College of Health Careers www.slchc.com</p> <p>St Louis Coll Pharmacy - www.stlcoop.edu</p> <p>Southeast MO Hospital College of Nursing www.southeastmissourihospital.com</p> <p>Truman Med Ctr School - Nurse Anesthesia www.trumed.org</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>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>



Boonslick Technical Career Center
Hospitality & Tourism
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish Graphic Arts Yearbook	Marketing Entrepreneurship	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Spanish Foods I & II Computer Apps. Adv. Graphic Arts Intro to Business Business Economics Newspaper Yearbook	Entrepreneurship Ad. Marketing Global Marketing Retail Marketing Hospitality, Travel & Tourism	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany Zoology Chemistry, Earth Science	Government	Business Law Accounting I Foods I & II Web Design Spanish Business Mgmt. Newspaper Yearbook Humanities	Marketing Internship Entrepreneurship Marketing Retail Marketing Hospitality, Travel & Tourism Entrepreneurship	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
	12	Com Arts IV Or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg * Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Speech* Accounting II Foods I & II Spanish Multimedia Newspaper Yearbook Humanities	Marketing Internship Entrepreneurship Marketing Retail Marketing Hospitality, Travel & Tourism	Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Ozarks Tech Community College www.otc.edu St Louis Community College www.stlcc.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Gibson Technical Center www.wolves.k12.mo.us/gtc Lake Career and Technical Center www.camdentonschools.org Lebanon Technology Career Center www.lebanon.k12.mo.us Macon Area Vocational Technical School www.macon.k12.mo.us/vocational Northland Career Center www.northlandcareercenter.com Northwest Tech School - www.maryville.k12.mo.us Nevada Regional Technical Center www.nevada.k12.mo.us.us Pemiscol County Career & Tech Car South Central Career Center www.wphs.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Fontbonne Univ - www.fontbonne.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri Valley College www.moval.edu Missouri Western State University www.missouriwestern.edu Northwest Missouri State University www.nwmissouri.edu	Park University - www.park.edu Rockhurst University - www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu Southeast MO State Univ - www.semo.edu Southwest Baptist Univ - www.sbniv.edu Stephens College - www.stephens.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu Univ of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.umsl.edu Washington University - www.wustl.edu Webster University www.websteruniv.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Kansas City Art Institute www.kcai.edu Lecole Culinaire www.lecoleculinarie.com Midwestern Baptist Theological Seminary – www.mbts.edu
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	
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	



Boonslick Technical Career Center
Human Services
 Career Cluster Program of Study Template
 www.btec.boonville.k12.mo.us

Minimum Graduation Requirements		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
	Grade	English	Math	Science	Social Studies	Required Courses, Elective Options	<u>Boonslick Technical Career Center</u>	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	Health Fine Art Practical Art Spanish Graphic Arts Career & Leadership Connections FACS I & II	Marketing JROTC 1	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Family Relations Graphic Arts/Adv Child Development Computer Apps. Adv. Computer Apps. FACS I & II	Current Health Events Intro to Health Science Adv. Marketing Retail Marketing Hosp., Travel & Tourism JROTC 2	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Graphic Arts/Adv Business Law Teacher's Aide Hannah Cole Aide	Intro to Health Science Mental Health Issues Retail Marketing Marketing JROTC 3	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg * Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Business Mgmt. Teacher's Aide Hannah Cole Aide Speech*	Intro to Health Science Mental Health Issues Retail Marketing JROTC 4	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
		Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC						

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



Boonslick Technical Career Center
Information Technology
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Health Computer Apps. Adv. Computer Apps. Graphic Arts Career & Leadership Connections	Computer Game Simul. & Programming	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Graphic Arts/Adv Career & Leadership Connections	Computer Game Simulation & Programming	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science, Chemistry	Government	Multimedia Spanish I Web Design Career & Leadership Connections	Computer Game Simulation & Programming Computer Networking Lab Information Technology Medical Terminology Medical Math	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Web Design Multimedia Spanish II Career & Leadership Connections	Computer Networking Lab Information Technology Medical Terminology I&II Medical Math	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other:
		Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC						

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 Community College www.macc.edu</p> <p>North Central Missouri College www.ncmissouri.edu</p> <p>Ozarks Technical Comm. College www.otc.edu</p> <p>St. Charles Community College www.stchas.edu</p> <p>St Louis Community College www.stlcc.edu</p> <p>State Fair Community College www.sfccmo.edu</p> <p>Three Rivers Community College www.trcc.edu</p>	<p>Davis Hart Career Center www.mexicoschools.net</p> <p>Herndon Career Center www.herndoncareercenter.com</p> <p>Kirksville Area Tech Center www.kirksville.k12.mo.us</p> <p>Waynesville Technical Academy www.waynesville.k12.mo.us</p>	<p>A.T. Skill University of Health Sciences www.atsu.edu</p> <p>Avila University - www.avila.edu</p> <p>Bryan College - www.bryancollege.com</p> <p>Central Methodist University www.centralmethodist.edu</p> <p>College of the Ozarks - www.coto.edu</p> <p>Columbia College - www.ccis.edu</p> <p>Culver-Stockton College - www.culver.edu</p> <p>DeVry University – www.devry.edu</p> <p>Drury University - www.drury.edu</p> <p>Evangel University - www.evangel.edu</p> <p>Everest College www.everest-college.com</p> <p>Fontbonne Univ - www.fontbonne.edu</p> <p>Hannibal-Lagrange College www.hlq.edu</p> <p>Harris-Stowe State Univ - www.hssu.edu</p> <p>Hickey College - www.hickeycollege.edu</p> <p>Lincoln University - www.lincolnu.edu</p> <p>Lindenwood Univ - www.lindenwood.edu</p> <p>Maryville Univ of St. Louis www.maryville.edu</p> <p>Missouri Baptist Univ - www.mobap.edu</p> <p>Missouri College www.missouricollege.com</p> <p>MO Southern State University www.mssu.edu</p> <p>Missouri State University www.missouristate.edu</p> <p>Missouri State University – West Plains www.wp.missouristate.edu</p> <p>Missouri Valley College www.moval.edu</p>	<p>Missouri Western State University www.missouriwestern.edu</p> <p>Northwest Missouri State University www.nwmissouri.edu</p> <p>Park University - www.park.edu</p> <p>Rockhurst University - www.rockhurst.edu</p> <p>Saint Louis University www.imagine.stu.edu</p> <p>Sanford-Brown College www.sanford-browncollege.com</p> <p>Southeast MO State University www.semo.edu</p> <p>Southwest Baptist University www.sbuuniv.edu</p> <p>Truman State Univ - www.truman.edu</p> <p>Univ of Central MO - www.ucmo.edu</p> <p>University of MO – Columbia www.missouri.edu</p> <p>University of MO – Kansas City www.umkc.edu</p> <p>Univ of MO – Rolla – www.umar.edu</p> <p>Univ of MO – St Louis - www.umsl.edu</p> <p>Univ 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>Colorado Technical University www.coloradotech.com</p> <p>Grantham University www.grantham.edu</p> <p>ITT Technical Institute www.itt-tech.edu</p> <p>Kansas City Art Institute www.kcai.edu</p> <p>Midwest Institute www.midwestinstitute.com</p> <p>Missouri Tech www.motech.edu</p> <p>National American University www.national.edu</p> <p>Pinnacle Career Institute www.pctraining.edu</p> <p>Texas County Technical Institute www.texascountytech.edu</p>

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>Computer Operators</p> <p>Computer Support Specialists</p> <p>Network Systems and Data Communications Analysts</p> <p>Numerical Tool and Process Control Programmers</p> <p>Web Administrators</p> <p>Web Developers</p>	<p>Computer and Information Systems Managers</p> <p>Computer Engineers</p> <p>Computer Programmers</p> <p>Computer Security Specialists</p> <p>Computer Software Engineers</p> <p>Computer Systems Administrators</p> <p>Computer Systems Analysts</p> <p>Data Communications analysts</p> <p>Database Administrators</p> <p>Graphic Designers</p> <p>Multi-Media Artists and Animators</p> <p>Network and Computer Systems Administrators</p> <p>Software Quality Assurance Engineers and Testers</p>	<p>Computer and Information Scientists, Research</p> <p>Computer Science Teachers, Postsecondary</p> <p>Engineering Managers</p>



Boonslick Technical Career Center
Law, Public Safety, Corrections & Security
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Career & Leadership Connections	JROTC I	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography/ World History	PE Personal Finance Family Relations Child Development Business Mgmt. Career & Leadership Connections	Intro to Health Science Mental Health Issues JROTC II	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	PE Accounting I Business Law Computer Apps. Adv. Computer Apps. Humanities Career & Leadership Connections	Conservation & Natural Resources ♦ Health Science I Lab ♦ Intro to Health Science Mental Health Issues JROTC III	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	PE Accounting II Speech* Humanities Career & Leadership Connections	Health Science I & II Lab ♦ Intro to Health Science Mental Health Issues JROTC IV	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

Postsecondary Offerings - For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
	Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Linn State Technical College www.linnstate.edu Metropolitan Community College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Community College www.macc.edu North Central MO College www.ncmissouri.edu Ozarks Tech Community College www.otc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Community College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Columbia Career Center www.career-center.org Grand River Tech School - www.grts.org Hillyard Technical Center www.hillyardtech.com Rolla Technical Institute www.rolla.k12.mo.us Sikeston Career and Technology Center www.sikeston.k12.mo.us Waynesville Technical Academy www.waynesville.k12.mo.us	Avila University - www.avila.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Everest College www.everest-college.com Hannibal-Lagrange College www.hlg.edu Hickey College www.hickeycollege.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu Missouri State University – West Plains www.wp.missouristate.edu Missouri Western State University www.missouriwestern.edu	Park University - www.park.edu Patricia Stevens College www.patriciastevenscollege.edu Rockhurst University www.rockhurst.edu Saint Louis Univ - www.imagine.stu.edu Sanford-Brown College www.sanford-browncollege.com Southeast MO State University www.semo.edu Southwest Baptist University www.sbniv.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – St Louis - www.umsl.edu Univ of Phoenix – www.phoenix.edu Vatterott College www.vatterott-college.edu Washington University - www.wustl.edu Webster University - www.websteruniv.edu William Woods University www.williamwoods.edu	<ul style="list-style-type: none"> Apprenticeship Military On-the-Job Training Allied College www.alliedcollege.edu High Tech Institute www.hightechinstitute.edu National American University www.national.edu Texas County Technical Institute www.texascountytech.edu
Sample Careers By Educational Level - For Occupational Specialties, go to www.careerclusters.org or www.missouriconnections.org					
On-The-Job Training or Less	Technical Training or Associate Degree	Bachelors Degree		Masters Degree or More	
Ambulance Drivers Animal Control Workers Bailiffs Corrections Officers Court Clerks Crossing Guards Fire Fighters Forest Fire Fighters Gaming Surveillance Officers and Gaming Investigators Life Guards and Ski 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	



Boonslick Technical Career Center
Manufacturing
 Career Cluster Program of Study Template
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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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Intro to Business Career & Leadership Connections	Intro to Woodworking Tech	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Computer Apps. Adv. Computer Apps. Business Economics Career & Leadership Connections	Intro to Woodworking Tech	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____ Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Business Mgmt. Business Economics Career & Leadership Connections	Agricultural Construction Ag Power Intro to Woodworking Tech CAD I Adv. Construction Tech Entrepreneurship Sustainable Energy	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Business Economics Career & Leadership Connections	Agricultural Construction Ag Power Intro to Woodworking Tech CAD II Adv. Construction Tech Sustainable Energy Theory & Lab	Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

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

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

Sample Careers By Educational Level – For Occupational Specialties, go to www.careerclusters.org or 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 Systems Installers Semiconductor Processing Operators Welders and Solderers Welding and Soldering Machine Operators	Chemical Engineers Occupational Health and Safety Specialists Safety Engineers	



Boonslick Technical Career Center
Marketing
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Health Intro to Business Graphic Arts Spanish Career & Leadership Connections	Marketing Entrepreneurship	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography/ World History	Personal Finance Business Economics Multimedia Graphic Arts/Adv Spanish Career & Leadership Connections	Adv. Marketing Fashion Marketing Retail Marketing Sports & Entertainment Marketing	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Spanish Multimedia Career & Leadership Connections Humanities	Marketing Internship Entrepreneurship Fashion Marketing Retail Marketing Sport & Entertainment Marketing	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Speech* Spanish Multimedia Career & Leadership Connections Humanities	Marketing Internship Entrepreneurship Fashion Marketing Retail Marketing Sport & Entertainment Marketing	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

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

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

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
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



Boonslick Technical Career Center
Science, Technology, Engineering & Mathematics
 Career Cluster Program of Study Template
 www.btec.boonville.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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Spanish Career & Leadership Connections	Intro to Woodworking Tech	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other:
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Spanish Career & Leadership Connections	Intro to Woodworking Tech	<hr/> Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other:
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Spanish Computer Appl/Adv Multimedia Career & Leadership Connections	Agricultural Construction Agricultural Power CAD I Computer Networking Information Technology Intro to Woodworking Tech Adv. Construction Tech	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other:
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Spanish Career & Leadership Connections	Agricultural Construction CAD II Computer Networking Information Technology Intro to Woodworking Tech Adv. Construction Tech Sustainable Energy Theory & Lab	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other:
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

Postsecondary Offerings – For A Complete Listing, go to www.missouriconnections.org					
Postsecondary	Community College	Technical School/Training Institution	In State		Out of State/Other
		Crowder College www.crowder.edu East Central College www.eastcentral.edu Jefferson College www.jeffco.edu Metropolitan Community College www.mcckc.edu St. Charles Community College www.stchas.edu St Louis Community College www.stlcc.edu	Missouri Tech www.motech.edu	Avila University - www.avila.edu Central Methodist University www.centralmethodist.edu College of the Ozarks - www.coto.edu Columbia College - www.ccis.edu Culver-Stockton College www.culver.edu Drury University - www.drury.edu Evangel University - www.evangel.edu Lincoln University - www.lincolnu.edu Lindenwood Univ - www.lindenwood.edu Maryville University of St. Louis www.maryville.edu Missouri Baptist Univ - www.mobap.edu MO Southern State University www.mssu.edu Missouri State University www.missouristate.edu MO University of Science & Technology www.mst.edu Missouri Western State University www.missouriwestern.edu	Northwest Missouri State University www.nwmissouri.edu Park University - www.park.edu Rockhurst University www.rockhurst.edu Saint Louis University www.imagine.stu.edu Southeast MO State University www.semo.edu Southwest Baptist University www.sbu.edu Truman State Univ - www.truman.edu Univ of Central MO - www.ucmo.edu University of MO – Columbia www.missouri.edu University of MO – Kansas City www.umkc.edu Univ of MO – Rolla – www.umar.edu Univ of MO – St Louis - www.umsl.edu Washington University - www.wustl.edu Westminster College www.westminster-mo.edu William Jewell College - www.jewell.edu
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	
	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	



Boonslick Technical Career Center
Transportation, Distribution & Logistics
 Career Cluster Program of Study Template
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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	Boonslick Technical Career Center	Additional Learning Opportunities
Secondary	9	Com Arts I	Algebra I	Physical Science	American History	PE Fine Art Health Practical Art Intro to Business Career & Leadership Connections	Entrepreneurship Ag Science I	School-Based: <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Other: _____
	10	Com Arts II	Geometry	Biology	World Geography or World History	Personal Finance Computer Apps./Adv Career & Leadership Connections	Consumer Car Care Entrepreneurship Ag Science II	Community Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____
	11	Com Arts III	Algebra II	Botany, Zoology, Earth Science Chemistry	Government	Business Law Business Mgmt. Accounting I Career & Leadership Connections	Ag Power Ag Construction Auto Technology Lab Auto Technology Theory I Consumer Car Care Entrepreneurship	Assessments/Certifications: <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____
	12	Com Arts IV or College Prep English*	Pre-calculus Statistics* Inter. Algebra College Alg* Calculus*	Anatomy AP Chemistry Physics	Psychology Sociology Criminal Justice Current Events Western Civilization I & II*	Accounting II Career & Leadership Connections	Ag Power Ag Construction Auto Technology Lab Auto Technology Theory I Sustainable Energy Theory & Lab Entrepreneurship	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____
								Student Organizations: <input type="checkbox"/> FBLA <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> SkillsUSA <input type="checkbox"/> DECA <input type="checkbox"/> HOSA <input type="checkbox"/> JROTC

Postsecondary Offerings – For A Complete List of Colleges, go to www.missouriconnections.org

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

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
Air Traffic Controllers and Flight Attendants Auto Body Repairers Bicycle Repairers Bus Drivers and School Bus Drivers Dispatchers and Traffic Technicians Freight Handlers Heavy Equipment Mechanics Heavy Truck Drivers Motorboat & Motorcycle Mechanics Parking Lot Attendants Riggers Service Station Attendants, Tire Repairers and Changers Transportation Agents	Aircraft Mechanic Automobile Mechanics Bus and Truck Mechanics and Diesel Engine Specialists Electrical/Electronics Installers/Repairers, Transportation Equipment Electronic Equipment Installers/Repairers, Motor Vehicles First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand First-Line Supervisors/Managers of Transportation Material-Moving Machine and Vehicle Operators Motorboat Mechanics and Motorcycle Mechanics Signal and Track Switch Repairers Traffic Technicians Transportation Vehicle, Equipment/Systems Inspectors	Airline Pilot Logisticians Storage and Distribution Managers	Chief Executive

