



**Festus High School**  
**Information Technology**  
**Career Cluster Suggested Individual Career and Academic Plan**  
<http://festus.k12.mo.us>

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

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

## Career Cluster Sample Individual Career and Academic Plan

Postsecondary Offerings – For a complete listing, go to <a href="http://www.missouriconnections.org">www.missouriconnections.org</a>					
Postsecondary	Community College	Technical School/Training Institution	In State	Out of State/Other	
	<p>Crowder College <a href="http://www.crowder.edu">www.crowder.edu</a></p> <p>East Central College <a href="http://www.eastcentral.edu">www.eastcentral.edu</a></p> <p>Jefferson College <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Linn State Technical College <a href="http://www.linnstate.edu">www.linnstate.edu</a></p> <p>Metropolitan Community College <a href="http://www.mcckc.edu">www.mcckc.edu</a></p> <p>Mineral Area College <a href="http://www.mineralarea.edu">www.mineralarea.edu</a></p> <p>Moberly Area Community College <a href="http://www.macc.edu">www.macc.edu</a></p> <p>North Central Missouri College <a href="http://www.ncmissouri.edu">www.ncmissouri.edu</a></p> <p>Ozarks Technical Comm College <a href="http://www.otc.edu">www.otc.edu</a></p> <p>St. Charles Community College <a href="http://www.stchas.edu">www.stchas.edu</a></p> <p>St Louis Community College <a href="http://www.stlcc.edu">www.stlcc.edu</a></p> <p>State Fair Community College <a href="http://www.sfccmo.edu">www.sfccmo.edu</a></p> <p>Three Rivers Community College <a href="http://www.trcc.edu">www.trcc.edu</a></p>	<p>Davis Hart Career Center <a href="http://www.mexicoschools.net">www.mexicoschools.net</a></p> <p>Herndon Career Center <a href="http://www.herndoncareercenter.com">www.herndoncareercenter.com</a></p> <p>Jefferson College Area Technical Center <a href="http://www.jeffco.edu">www.jeffco.edu</a></p> <p>Kirksville Area Tech Center <a href="http://www.kirksville.k12.mo.us">www.kirksville.k12.mo.us</a></p> <p>Waynesville Technical Academy <a href="http://www.waynesville.k12.mo.us">www.waynesville.k12.mo.us</a></p>	<p>A.T. Skill University of Health Sciences <a href="http://www.atsu.edu">www.atsu.edu</a></p> <p>Avila University - <a href="http://www.avila.edu">www.avila.edu</a></p> <p>Bryan College - <a href="http://www.bryancollege.com">www.bryancollege.com</a></p> <p>Central Methodist University <a href="http://www.centralmethodist.edu">www.centralmethodist.edu</a></p> <p>College of the Ozarks - <a href="http://www.coto.edu">www.coto.edu</a></p> <p>Columbia College - <a href="http://www.ccis.edu">www.ccis.edu</a></p> <p>Culver-Stockton College - <a href="http://www.culver.edu">www.culver.edu</a></p> <p>DeVry University – <a href="http://www.devry.edu">www.devry.edu</a></p> <p>Drury University - <a href="http://www.drury.edu">www.drury.edu</a></p> <p>Evangel University - <a href="http://www.evangel.edu">www.evangel.edu</a></p> <p>Everest College <a href="http://www.everest-college.com">www.everest-college.com</a></p> <p>Fontbonne Univ - <a href="http://www.fontbonne.edu">www.fontbonne.edu</a></p> <p>Hannibal-Lagrange College <a href="http://www.hlg.edu">www.hlg.edu</a></p> <p>Harris-Stowe State Univ - <a href="http://www.hssu.edu">www.hssu.edu</a></p> <p>Hickey College - <a href="http://www.hickeycollege.edu">www.hickeycollege.edu</a></p> <p>Lincoln University - <a href="http://www.lincolnu.edu">www.lincolnu.edu</a></p> <p>Lindenwood Univ - <a href="http://www.lindenwood.edu">www.lindenwood.edu</a></p> <p>Maryville Univ of St. Louis <a href="http://www.maryville.edu">www.maryville.edu</a></p> <p>Missouri Baptist Univ - <a href="http://www.mobap.edu">www.mobap.edu</a></p> <p>Missouri College <a href="http://www.missouricollege.com">www.missouricollege.com</a></p> <p>Missouri S&amp;T <a href="http://www.mst.edu">www.mst.edu</a></p> <p>MO Southern State University <a href="http://www.mssu.edu">www.mssu.edu</a></p> <p>Missouri State University <a href="http://www.missouristate.edu">www.missouristate.edu</a></p> <p>Missouri State University – West Plains <a href="http://www.wp.missouristate.edu">www.wp.missouristate.edu</a></p> <p>Missouri Valley College <a href="http://www.moval.edu">www.moval.edu</a></p>	<p>Missouri Western State University <a href="http://www.missouriwestern.edu">www.missouriwestern.edu</a></p> <p>Northwest Missouri State University <a href="http://www.nwmissouri.edu">www.nwmissouri.edu</a></p> <p>Park University - <a href="http://www.park.edu">www.park.edu</a></p> <p>Rockhurst University - <a href="http://www.rockhurst.edu">www.rockhurst.edu</a></p> <p>Saint Louis University <a href="http://www.imagine.stu.edu">www.imagine.stu.edu</a></p> <p>Sanford-Brown College <a href="http://www.sanford-browncollege.com">www.sanford-browncollege.com</a></p> <p>Southeast MO State University <a href="http://www.semo.edu">www.semo.edu</a></p> <p>Southwest Baptist University <a href="http://www.sbuniv.edu">www.sbuniv.edu</a></p> <p>Truman State Univ - <a href="http://www.truman.edu">www.truman.edu</a></p> <p>Univ of Central MO - <a href="http://www.ucmo.edu">www.ucmo.edu</a></p> <p>Univ of MO <a href="http://www.missouri.edu">www.missouri.edu</a></p> <p>Univ of MO – KC <a href="http://www.umkc.edu">www.umkc.edu</a></p> <p>Univ of MO – STL- <a href="http://www.ums1.edu">www.ums1.edu</a></p> <p>Univ of Phoenix – <a href="http://www.phoenix.edu">www.phoenix.edu</a></p> <p>Vatterott College <a href="http://www.vatterott-college.edu">www.vatterott-college.edu</a></p> <p>Washington University - <a href="http://www.wustl.edu">www.wustl.edu</a></p> <p>Webster University <a href="http://www.websteruniv.edu">www.websteruniv.edu</a></p> <p>Westminster College <a href="http://www.westminster-mo.edu">www.westminster-mo.edu</a></p> <p>William Jewell College - <a href="http://www.jewell.edu">www.jewell.edu</a></p> <p>William Woods University <a href="http://www.williamwoods.edu">www.williamwoods.edu</a></p>	<ul style="list-style-type: none"> <li>• Apprenticeship</li> <li>• Military</li> <li>• On-the-Job Training</li> </ul> <p>Colorado Technical University <a href="http://www.coloradotech.com">www.coloradotech.com</a></p> <p>Grantham University <a href="http://www.grantham.edu">www.grantham.edu</a></p> <p>ITT Technical Institute <a href="http://www.itt-tech.edu">www.itt-tech.edu</a></p> <p>Kansas City Art Institute <a href="http://www.kcai.edu">www.kcai.edu</a></p> <p>Midwest Institute <a href="http://www.midwestinstitute.com">www.midwestinstitute.com</a></p> <p>Missouri Tech <a href="http://www.motech.edu">www.motech.edu</a></p> <p>National American University <a href="http://www.national.edu">www.national.edu</a></p> <p>Pinnacle Career Institute <a href="http://www.pctraining.edu">www.pctraining.edu</a></p> <p>Texas County Technical Institute <a href="http://www.texascountyttech.edu">www.texascountyttech.edu</a></p>
	<b>Sample Careers By Educational Level – For Occupational Specialties, go to <a href="http://www.careertech.org">www.careertech.org</a> or <a href="http://www.missouriconnections.org">www.missouriconnections.org</a></b>				
		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, Programmers, Security Specialists, Software Engineers, Administrators, Analysts</p> <p>Data Communications analysts</p> <p>Database Administrators</p> <p>Graphic Designers &amp; 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>