

**Knob Noster High School
Information Technology
Career Cluster Program of Study Template
www.hs.knobnoster.k12.mo.us**

Minimum Graduation Requirements 26 Credits		SUGGESTED COURSE OF HIGH SCHOOL STUDY It is suggested that students consider dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
Grade	English (4)	Math (3)	Science (3)	Social Studies (3)	Required Courses, Elective Options	Warrensburg Area Career Center	Additional Learning Opportunities	
Secondary	9	English I	Algebra I	Biology	19 Century History Class of 2016 Western Civilization 2017 and beyond	★PE ★Health Fine Arts [1] before graduation Practical Arts [1] before graduation Business Technology 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	English II	Geometry	Physical Science Or Chemistry	American History I 2017 & beyond	PE [1] before graduation Business Technology II	Community Based: <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment <input type="checkbox"/> Other: _____	
	11	English III Or ★*Composition I/II	Algebra II	Advance Chemistry Anatomy/Physio Earth Science Advance Biology Principles of Technology Physics	20 Century History Class of 2016 ★American History II 2017 & beyond ★Government 2017 & beyond	★Personal Finance before graduation Multi Media Desktop Publishing	Assessments/Certifications: <input type="checkbox"/> A+ <input type="checkbox"/> CCNA <input type="checkbox"/> Technical Skills Attainment (TSA) <input type="checkbox"/> Other: _____	
	12	English IV Or ★*Composition I/II ★*Creative Writing ★*Intro to Literature	College Algebra And TRIG Advance Math Topics Statistics Calculus	Advance Chemistry Anatomy/Physiology Earth Science Advance Biology Principles of Technology Physics	★Government Class of 2016	★Photoshop/Graphic Design ★Computer Applications ★Web Design I ★Web Design II ★Computer Technologies I ★Computer Technologies II	Placement Assessments: <input type="checkbox"/> Compass Test <input type="checkbox"/> Aspire <input type="checkbox"/> ACT <input type="checkbox"/> PSAT <input type="checkbox"/> SAT <input type="checkbox"/> ASVAB <input type="checkbox"/> Other: _____	

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>Clinton Tech School www.clinton.k12.mo.us</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>Warrensburg Area Career Center www.warrensbrgr6.org/wacc</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-Stockon 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>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.sbuniv.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>