



Knob Noster High School
Health Sciences
 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		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		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	◆ Health Sciences I (Prerequisite) ★Biotechnology	Assessments/Certifications: <input type="checkbox"/> CNA <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		◆ Health Sciences I *◆ Health Sciences II ★Biotechnology Apply to WACC PN program (can use A+ funding, Financial Aid available)	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: _____
Student Organizations: <input type="checkbox"/> Skills USA <input type="checkbox"/> Other: _____								

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 Comm College www.mcckc.edu Mineral Area College www.mineralarea.edu Moberly Area Comm College www.macc.edu North Central MO College www.ncmissouri.edu Ozarks Tech Comm College www.otc.edu St. Charles Comm College www.stchas.edu St Louis Community College www.stlcc.edu State Fair Community College www.sfccmo.edu Three Rivers Comm College www.trcc.edu	Cape Girardeau Career/Tech Center www.cape.k12.mo.us/cc/default.htm Cass Career Center www.harrisonville.k12.mo.us Clinton Tech School www.clinton.k12.mo.us Columbia Career Center www.career-center.org Four Rivers Technical Center www.washington.k12.mo.us Franklin Tech - MSSU www.ftcjoplin.com Grand River Tech School - www.grts.org Herndon Career Center www.herndoncareercenter.com Hillyard Technical Center www.hillyardtech.com Kennett Career and Technology Center www.kennett.k12.mo.us Lex La-Ray Tech Ctr - www.lexington.k12.mo.us Moberly Area Tech Center www.moberly.k12.mo.us Northland Career Center www.northlandcareercenter.com Northwest Tech School - www.maryville.k12.mo.us Sikeston Career and Technology Center www.sikeston.k12.mo.us South Central Career Center www.wphs.k12.mo.us Warrensburg Area Career Center www.warrensburg6.org/wacc	AT Skill University of Health Sciences www.atsu.edu Avila University - www.avila.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-Stockon College - www.culver.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 Univ of St. Louis www.maryville.edu Missouri College www.missouricollege.com Missouri Baptist Univ - www.mobap.edu MO Southern State Univ - 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 Univ - 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 - St Louis - www.umsi.edu Univ of Phoenix - www.phoenix.edu Vatterott College www.vatterott-college.edu Washington University - www.wustl.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 Allied College - www.hightechinstitute.edu Barnes-Jewish College of Nursing & Allied Health - www.barnesjewishcollege.edu Cleveland Chiropractic College www.cleveland.edu Colorado Tech Univ www.coloradotech.com Cox Health - www.coxhealth.com Chamberlain College of Nursing www.chamberlain.edu Heritage Coll - www.heritage-college.com Cox College of Nursing & Health Science www.coxcollege.edu Logan Coll of Chiropractic - www.logan.edu Lutheran School of Nursing www.nursingschoollmc.com Kansas City Univ of Med & Biosciences - www.kcumb.edu Research Med Ctr School of Nuclear Med www.researchmedicalcenter.com St John's Reg Health Ctr - www.stjohns.com Saint Luke's College - www.saint-lukes.org St Louis College of Health Careers www.slchc.com St Louis Coll Pharmacy - www.stlcoop.edu Southeast MO Hospital College of Nursing www.souteastmissourihospital.com Truman Med Ctr School - Nurse Anesthesia www.trumed.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
Dental Assistants Dental Laboratory Technicians Home Health Aides Medical Appliance Technicians Medical Assistants Medical Equipment Preparers Medical Secretaries Personal and Home Care Aides Pharmacy Aides Pharmacy Technicians Physical Therapist Aides Psychiatric Aides	Cardiovascular Technologists Dental Hygienists Emergency Medical Technicians Health Information Technicians Licensed Practical Nurses Medical Laboratory Technicians Medical Sonographers Medical Transcriptionists Nursing Assistants Occupational Therapist Assistants Physical Therapist Assistants Radiation Therapists Radiologic Technologists Registered Nurses Respiratory Therapists	Administrative Services Managers Athletic Trainers Biomedical Engineers Computer Programmers Computer Software Engineers, Applications Dietitians Health Educators Medical and Clinical Laboratory Technologists Medical Laboratory Technologists Occupational Health and Safety Specialists Orthotic and Prosthetic Specialists Petroleum Engineers Public Relations Specialists Recreational Therapists Rehabilitation Counselors	Athletic Trainers, Physical and Occupational Therapists Biologists, Physicists, Hydrologists, Epidemiologists Clinical Psychologists and Mental Health Counselors Computer and Information Scientists, Research Dietitians and Nutritionists Farm and Home Management Advisors Health Specialties Teachers, Postsecondary Home Economics Teachers, Postsecondary Medical and Health Services Managers Medical Scientists, Except Epidemiologists Natural Sciences Mgrs, Zoologists and Wildlife Biologists Nurse Anesthetists and Physician Assistants Orthotics and Prosthetics Pharmacists Speech-Language Pathologists

Surgical Technologists
Veterinary Technologists and Technicians

Communications Teachers, Postsecondary
Veterinarians