***Valley R-VI School District***

***Agriculture, Food & Natural Resources***

**Career Cluster Program of Study Template**

**http://www.valley.k12.mo.us**

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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.** |

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|  | **Grade** | **English** | **Math** | **Science** | **Social Studies** | **Required Courses, Elective Options** |  | **Additional****Learning Opportunities** |
| **Secondary** | **9** | English I | Algebra I or Geometry | Physical Science | American Government/Geography | PE / HealthFine ArtsPersonal FinancePractical ArtsKeyboarding |  | **School-Based:*** *Career Research*
* *Cooperative Education*
* *Internship*
* *Job Shadowing*
* *Service Learning Project*
* *Other:*

 *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***Community Based:*** *Mentorship*
* *Volunteer*
* *Part-time Employment*
* *Other:*

 *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***Assessments/Certifications***:** *Technical Skills Attainment (TSA)*
* *Other:*

 *\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***Placement Assessments:*** *Compass Test*
* *PLAN*
* *ACT*
* *PSAT*
* *SAT*
* *ASVAB*
* *WorkKeys*
* *Other:*

 *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***Student Organizations:***[ ]  FBLA**[ ]  FCCLA**[ ]  NHS**[ ]  Sophisticated Ladies**[ ]  Art Club**[ ]  Shop Club**[ ]  Student Council**[ ]  Other:* *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_* |
| **10** | English II | Geometry or Algebra II | Biology | World History | Spanish I, II or IIINutrition and Wellness |   |
| **11** | English III or Advanced English III | Algebra II or Calculus | Zoology/Botany | American History |  |  Building and Grounds TechnologyWelding  |
| **12** | English IV or English elective | Calculus or Trigonometry | Chemistry or Anatomy and Physiology | Elective-Economics/Sociology or Psychology. |  |  Building and Grounds TechnologyWelding |

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| **Postsecondary Offerings – For A Complete Listing, go to** [**www.missouriconnections.org**](http://www.missouriconnections.org) |
| **Postsecondary** | **Community College** | **Technical School/Training Institution** | **In State** | **Out of State/Other** |
| **Crowder College**[**www.crowder.edu**](http://www.crowder.edu)**East Central College**[**www.eastcentral.edu**](http://www.eastcentral.edu)**Jefferson College** [**www.jeffco.edu**](http://www.jeffco.edu)**Linn State Technical College**[**www.linnstate.edu**](http://www.linnstate.edu)**Metropolitan Community College**[**www.mcckc.edu**](http://www.mcckc.edu)**Mineral Area College**[**www.mineralarea.edu**](http://www.mineralarea.edu)**North Central Missouri College**[**www.ncmissouri.edu**](http://www.ncmissouri.edu)**Ozarks Technical Community College**[**www.otc.edu**](http://www.otc.edu)**St Louis Community College** [**www.stlcc.edu**](http://www.stlcc.edu)**State Fair Community College**[**www.sfccmo.edu**](http://www.sfccmo.edu)**Three Rivers Community College**[**www.trcc.edu**](http://www.trcc.edu) | **Columbia Area Career Center**[**www.career-center.org**](http://www.career-center.org)**Davis Hart Career Center**[**www.mexicoschools.net**](http://www.mexicoschools.net)**Eldon Career Center**[**www.eldoncareercenter.org**](http://www.eldoncareercenter.org)**Hannibal Career and Technical Center**[**www.hannibal.tec.mo.us**](http://www.hannibal.tec.mo.us)**Kirksville Area Tech Center**[www.kirksville.k12.mo.us](http://www.kirksville.k12.mo.us)**Moberly Area Tech Center** [www.moberly.k12.mo.us](http://www.moberly.k12.mo.us)**Ranken Tech College** [www.ranken.edu](http://www.ranken.edu)**Perryville Area Career & Technology Center** . [www.perryville.k12.mo.us](http://www.perryville.k12.mo.us)**Waynesville Technical Academy**[**www.waynesville.k12.mo.us**](http://www.waynesville.k12.mo.us) | **A.T. Skill University of Health Sciences**[**www.atsu.edu**](http://www.atsu.edu)**Avila University -** [**www.avila.edu**](http://www.avila.edu)**Central Methodist University** [**www.centralmethodist.edu**](http://www.centralmethodist.edu)**College of the Ozarks -** [**www.coto.edu**](http://www.coto.edu)**Columbia College -** [**www.ccis.edu**](http://www.ccis.edu)**Culver-Stockon College** [**www.culver.edu**](http://www.culver.edu)**Drury University -** [www.drury.edu](http://www.drury.edu)**Evangel University -** [**www.evangel.edu**](http://www.evangel.edu)**Fontbonne Univ -** [**www.fontbonne.edu**](http://www.fontbonne.edu)**Hannibal-Lagrange College -**[**www.hlq.edu**](http://www.hlq.edu)**Lincoln University -** [www.lincolnu.edu](http://www.lincolnu.edu)**Lindenwood University**[**www.lindenwood.edu**](http://www.lindenwood.edu)**Maryville University of St. Louis**[**www.maryville.edu**](http://www.maryville.edu)**Missouri Baptist Univ -** [**www.mobap.edu**](http://www.mobap.edu)**MO Southern State University**[**www.mssu.edu**](http://www.mssu.edu)**Missouri State University**[**www.missouristate.edu**](http://www.missouristate.edu)**Missouri State University – West Plains**[**www.wp.missouristate.edu**](http://www.wp.missouristate.edu)**MO Univ of Science & Technology**[www.mst.edu](http://www.mst.edu)**Missouri Valley College**[**www.moval.edu**](http://www.moval.edu) | **Missouri Western State University**[**www.missouriwestern.edu**](http://www.missouriwestern.edu)**Northwest Missouri State University**[**www.nwmissouri.edu**](http://www.nwmissouri.edu)**Park University -** [**www.park.edu**](http://www.park.edu)**Rockhurst University -** [**www.rockhurst.edu**](http://www.rockhurst.edu)**Saint Louis University**[**www.imagine.stu.edu**](http://www.imagine.stu.edu)**Southeast MO State University** [**www.semo.edu**](http://www.semo.edu)**Southwest Baptist University**[**www.sbuniv.edu**](http://www.sbuniv.edu)**Stephens College -** [**www.stephens.edu**](http://www.stephens.edu)**Truman State Univ -** [**www.truman.edu**](http://www.truman.edu)**Univ of Central MO -** [**www.ucmo.edu**](http://www.ucmo.edu)**University of MO – Columbia**[www.missouri.edu](http://www.missouri.edu)**University of MO – Kansas City** [**www.umkc.edu**](http://www.umkc.edu)**Univ of MO – St Louis -** [**www.umsl.edu**](http://www.umsl.edu)**Washington University -** [www.wustl.edu](http://www.wustl.edu)**Webster University** [www.websteruniv.edu](http://www.websteruniv.edu)**Westminster College** [www.westminster-mo.edu](http://www.westminster-mo.edu)**William Jewell College -** [www.jewell.edu](http://www.jewell.edu)**William Woods** University[www.williamwoods.edu](http://www.williamwoods.edu) | * **Apprenticeship**
* **Military**
* **On-the-Job Training**

**Petropolis Academy of Grooming & Training -** [**www.petropolisacademy.com**](http://www.petropolisacademy.com)**Midwest Institute**[**www.midwestinstitute.com**](http://www.midwestinstitute.com) |
| **Sample Careers By Educational Level – For Occupational Specialties, go to** [**www.careerclusters.org**](http://www.careerclusters.org) **or** [**www.missouriconnections.org**](http://www.missouriconnections.org) |
| **On-The-Job Training or Less** | **Technical Training or Associate Degree** | **Bachelors Degree** | **Masters Degree or More** |
| Animal CaretakersAnimal TrainersBakersCommercial FishersFarm and Ranch WorkersFarm Equipment MechanicsFarmersFood Processing WorkersLog Graders and ScalersLoggersMeat CuttersMining Machine OperatorsNursery WorkersRock SplittersTrash CollectorsVeterinary AssistantsWater 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  |

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