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

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

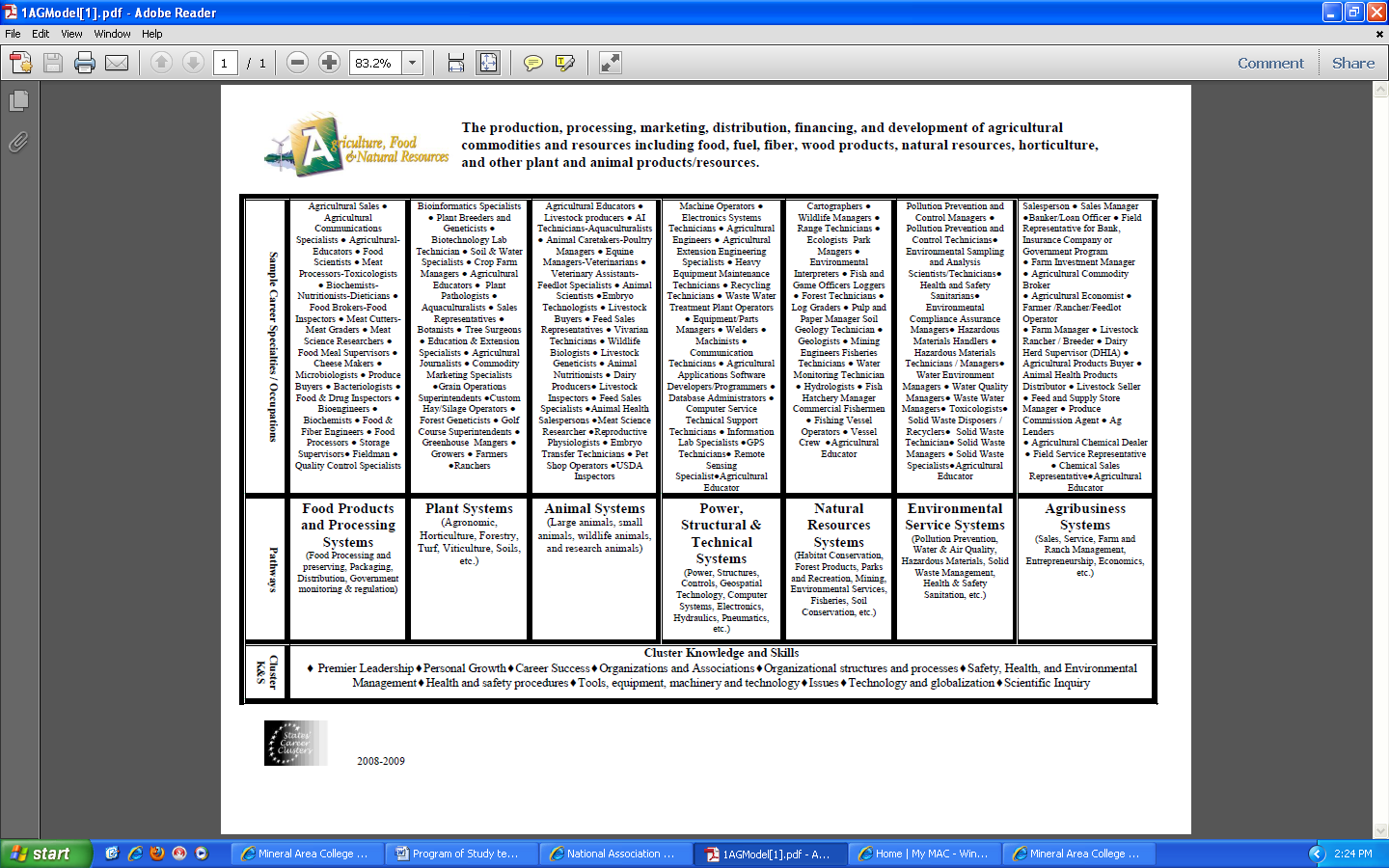
**Career Cluster Program of Study Template**

**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 / Health  Fine Arts  Personal Finance  Practical Arts  Keyboarding | |  | **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 III  Nutrition and Wellness | |  |
| **11** | English III or Advanced English III | Algebra II or Calculus | Zoology/Botany | American History |  | Building and Grounds Technology  Welding | |
| **12** | English IV or English elective | Calculus or Trigonometry | Chemistry or Anatomy and Physiology | Elective-Economics/Sociology or Psychology. |  | | Building and Grounds Technology  Welding |

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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 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 | | |

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