



Name Brenden Schultz

Learner ID _____

School: Pecatonica High School, Highland Community College, A.A.S. or Cert AG Management or Production
updated 12-23-13

Agriculture, Food and Natural Resources

Career Cluster Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

This Career Cluster Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. *This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Other Electives Recommended Electives Learner Activities	*Career and Technical Courses and/ or Degree Major Courses for Agriculture, Food and Natural Resources	SAMPLE Occupations Relating to This Career Cluster
Interest Inventory Administered and Plan of Study Initiated for all Learners								
SECONDARY	9	English I	Algebra 1 or Honors Geometry	Biology or Advanced Biology	World Georaphy	9-12: Physical Education Freshman: Art I, Spanish I, Intro to Tech. Ed.	Freshman: <i>Introduction to Agriculture</i> Sophomore: <i>Introduction to Agriculture, Basic Agriculture Science, Veterinary Technology, Horticulture, BSAA/PSAA</i> Juniors: <i>BSAA/PSAA, Horticulture, Landscaping/Greenhouse, Natrual Resources/Environmental Sciences</i> Seniors: <i>BSAA/PSAA, Veterinary Technology, Horticulture, Agriculture Business Management- Agriculture Sales & Marketing (Highland Dual-Credit), Natural Resources/Environmental Sciences, Agronomy</i>	Occupations Requiring Postsecondary Education ► Agricultural Chemical Dealer ► Aquaculturalist ► Bank/Loan Office ► Environmental Compliance-Assurance Manager ► Equine Manager ► Farm Manager ► Health and Safety Sanitarian ► Meat Cutter-Meat Grader ► Park Manager ► Produce Buyer ► Recycling Technician ► Wildlife Manager Occupations Requiring Baccalaureate Degree ► Agricultural Educator ► Botanist ► Ecologist ► Environmental Engineer ► Fish and Game Officer ► Plant Pathologist ► Veterinarian
	10	English II	Geometry or Algebra 2	Chemistry or Physical Science	American History	Sophomore: Woods I, Art 2, Spanish II		
	11	English III	Algebra 2 or 3 OR Pre-Calc	<i>Science Elective</i>	World History	Junior: Woods II, Art III/IV, Anatomy/Physiology, Zoology, Psychology-Sociology,		
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English Elective	Math Elective	Science Elective	American Government-Economics	Senior: Blacksmithing, Drafting, Forensics, Illinois Ecology, Zoology, Construction Trades, Careers in Business, Energy Exploration		
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDARY	Year 13	BUSN 141 or COMM 101 or ENGL 121	BUSN 125 or 221 or MATH 162 or 157 or 159			3 credit of IFNT elective, 34 credits from electives and Emphasis Area of Agri-Business, Production, or Dairy Herd Management	AGOC 120, AGRI 184, 186, 284, 286	
	Year 14							
	Year 15							
	Year 16							