



Name Monica Pierce

Learner ID \_\_\_\_\_

School/College/University Freeport High School / Highland Comm. College A.S., A.A.S. or Cert Agriculture

updated 12-18-13

## Agriculture, Food and Natural Resources

### Career Pathway 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 Pathway	SAMPLE Occupations Relating to This Pathway		
<i>Interest Inventory Administered and Plan of Study Initiated for all Learners</i>										
<b>SECONDARY</b>	9	English 9/ English 9 Honors	Integrated math 1	Science Survey/ Biology 9/ Biology 9H	World History/World History H	PE/Health, Food and the Environment, Computer Concepts and Applications I/II	Food and the Environment	<ul style="list-style-type: none"> <li>Occupations Requiring Postsecondary Education ► Agricultural Chemical Dealer</li> <li>► Aquaculturalist</li> <li>► Bank/Loan Office</li> <li>► Environmental Compliance- Assurance Manager</li> <li>► Equine Manager</li> <li>► Farm Manager</li> <li>► Health and Safety Sanitarian</li> <li>► Meat Cutter-Meat Grader</li> <li>► Park Manager</li> <li>► Produce Buyer</li> <li>► Recycling Technician</li> <li>► Wildlife Manager</li> <li>Occupations Requiring Baccalaureate Degree</li> <li>► Agricultural Educator</li> <li>► Botanist</li> <li>► Ecologist</li> <li>► Environmental Engineer</li> <li>► Fish and Game Officer</li> <li>► Plant Pathologist</li> <li>► Veterinarian</li> <li>► Code Official</li> <li>► Construction Engineer</li> <li>► Construction Foreman/Manager</li> <li>► Construction Inspector</li> <li>► Contractor</li> <li>► Design Builder</li> <li>► Drywall Installer</li> <li>► Electrician</li> <li>► Electronic Systems Technician</li> <li>► Equipment and Material</li> <li>► General Contractor/Builder</li> <li>► Heating, Ventilation, Air Conditioning and Refrigeration Mechanic</li> <li>► Mason</li> <li>► Painter</li> <li>► Paperhanger</li> <li>► Plumber</li> <li>► Project Estimator</li> <li>► Project Inspector</li> <li>► Project Manager</li> <li>► Roofer</li> <li>► Safety Director</li> <li>► Sheet Metal Worker</li> <li>► Specialty Contractor</li> <li>► Superintendent</li> <li>► Tile and Marble Setter</li> </ul>		
	10	English 10/ English 10 H	Integrated Math 2/ Algebra 2	<b>Biology</b> / Chemistry/ Chemistry H	Gov't, Gov't H, Consumer Ec	PE/Safety, Consumer Economics, Foods I/II, Environmental Science/Ecology				
	11	English 11/ English 11 H/ AP Language	Integrated Math 3/ Math Applications 1/ PreCalc/ Trigonometry	Chemistry/ Physics/ A&P/ Forensic Science/ AP Biology/ AP Chemistry	US History/ US History H/ AP US History	PE, Urban Vegetable Production, Introduction to Business	Urban Vegetable Production			
	<i>College Placement Assessments-Academic/Career Advisement Provided</i>									
	12	English 12/ AP Literature				PE, Food Sales Marketing, Web Page & Interactive Media Development I, Accounting I, Culinary Arts	Food Sales and Marketing			
<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>										
<b>POSTSECONDARY</b>	Year 13	BUSN 141 or COMM 101 or ENGL 121	BUSN 125 or 221 or Math 162 or 157 or 159		INFT elective		<u>AGOC 120</u> Principles of Farm Management <u>AGRI 184</u> Introduction to Agricultural Economics <u>AGRI 186</u> Introduction to Animal Science <u>AGRI 284</u> Introduction to Soils <u>AGRI 286</u> Field Crop Science	<ul style="list-style-type: none"> <li>► Project Estimator</li> <li>► Project Inspector</li> <li>► Project Manager</li> <li>► Roofer</li> <li>► Safety Director</li> <li>► Sheet Metal Worker</li> <li>► Specialty Contractor</li> <li>► Superintendent</li> <li>► Tile and Marble Setter</li> </ul>		
	Year 14					<u>AGOC 220</u> Financing Agriculture Production <u>AGOC 221</u> Ag Policies, Programs, Legal Problems <u>AGOC 222</u> Marketing Agricultural Products <u>Suggested Electives:</u> ACCT, AGOC, AGRI, BUSN, ECON, INFT				
	Year 15									
	Year 16									