



Name Tom Bull

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

School/College/University Pearl City High School, Highland Community College, A.A.S. or Cert AG Management or Production

updated 12-23-13

**Agriculture, Food and Natural Resources: Natural Resources Systems**

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

This Career Pathway Plan of Study (based on the Natural Resources Systems Pathway of 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 Natural Resources Systems Pathway	SAMPLE Occupations Relating to This Pathway
Interest Inventory Administered and Plan of Study Initiated for all Learners								
<b>SECONDARY</b>	9	English/ Language Arts	Algebra or higher	General Science or Physical Science	U.S. Survey	Computers, Physical Education	Introduction to Agriculture	<b>Occupations Requiring Postsecondary Education</b> ► Commercial Fisherman ► Fisheries Technician ► Forest Technician ► Geology Technician ► Log Grader ► Logger ► Park Manager ► Pulp and Paper Manager ► Range Technician ► Water Monitoring Technician ► Wildlife Manager
	10	English/ Language Arts	Geometry or Higher	Physical Science or Biology	American Government, Illinois Survey	Health, Physical Education	Environmental Science, SAE I or other Ag. Elective	
	11	English/ Language Arts	Algebra II or Higher	Biology, Chemistry, or Geology	History Elective	Tech 21, Consumer Ed, and Physical Education	Environmental Science, SAE 1 or II, Natural Resources, or other Ag. Elective	
	College Placement Assessments-Academic/Career Advisement Provided							
	12	English/ Language Arts	Pre-Calculus, Calculus or other Math Elective	Physics, Biology, Geology or other science elective	History Elective	Tech 21, Consumer Ed, and Physical Education	Environmental Science, SAE I or II, Natural Resources, or other Ag. Elective	
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.								
<b>POSTSECONDARY</b>	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	<b>Occupations Requiring Baccalaureate Degree</b> ► Agricultural Educator ► Ecologist ► Fish and Game Officer ► Geologist ► Hydrologist ► Mining Engineer
	Year 14							
	Year 15							
	Year 16							