

Agriculture, Food and Natural Resources Cluster Sample Education Plan

	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL COURSES		
9 TH GRADE	English 9	Algebra I	Physical Science	World History to the Present	<ul style="list-style-type: none"> • Physical Education -1 • Health – ½ • Fine Arts – ½ • Computer Application – ½ • Foreign Language I • Foreign Language II 	<ul style="list-style-type: none"> • Agriscience • Two- and Four-Stroke Engines • Power Equipment Technology • Construction Site Preparation and Foundation • Construction Framing • Construction Finishing and Interior Systems • Introduction to Metal Fabrication • Introduction to Metal Inert Gas and Flux Cored Arc Welding • Residential and Commercial Power Equipment • Safety and Health Regulations • Residential Wiring • Introduction to Drafting Design • Introduction to Masonry • Forestry • Urban Forestry • Forestry Equipment • Fish and Wildlife Management • Environmental Management • Agribusiness Technology • Agribusiness Marketing • Agricultural Communications • Agribusiness Management 	<ul style="list-style-type: none"> • Animal Biotechnology • Aqua Experience • Aquaculture Science • Aquatic Biology • Equine Science • Poultry Science • Introduction to Veterinary Science • Veterinary Science • Animal Science • Plant Biotechnology • Greenhouse Production and Management • Creative Floral Design • Horticultural Science • Sports Turfgrass Production and Management • Specialty Floral Design and Management • Floral Design and Interiorscaping • Landscape Design and Management • Residential Landscape Establishment and Maintenance • Nursery Production and Management • Introduction to Drafting Design 	
10 TH GRADE	English 10	Geometry	Biology	United States History to 1877				
11 TH GRADE	English 11	Algebra II with Trig	Chemistry	United States History from 1877 to the Present				
12 TH GRADE	English 12	Pre-Calculus or High Level Mathematics	Physics or Botany or Anatomy and Physiology	Economics/ United States Government				
COMMUNITY COLLEGE	<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 		<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 		<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 		<ul style="list-style-type: none"> • Cluster/Degree/Certification Course Work 	
	<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 	
HIGHER EDUCATION	<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 		<ul style="list-style-type: none"> • Degree completion requirements 	

