



**CAREER AND TECHNICAL EDUCATION INFORMATION SYSTEM
PENNSYLVANIA DEPARTMENT OF EDUCATION
SCOPE AND SEQUENCE
FOR SCHOOL YEAR 2009-2010**

DATE : 2/3/2009

CIP Code Number and Title : 03.0299 Natural Resources Management and Policy,

Program Type : Occupational

Secondary School Name : Greater Altoona CTC

Administrative Unit Number : 108070607

Subject(Hours)	Secondary School				Postsecondary Institution			
	Grade 9(Hours)	Grade 10(Hours)	Grade 11(Hours)	Grade12(Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Technical(1320)		Industry Small Tool Use & Safety(45)	Tractor Parts & Equipment(30)	Advanced Equipment Training & Safety(75)				
		FFA Chapter Activities(45)	Nursery Operations/Plant ID (90)	Plant Propogation & Marketing(45)				
		Landscape Maintenance Procedures(45)	Outdoor Power Equipment(75)	Tractor & Equipment Operation(75)				
		Basic Greenhouse Principles(45)	Basic Forestry Skills (45)	Small Business Operation(45)				
		Wood Construction Projects(45)	Basic Greenhouse Operations(75)	Landscape/Design Projects Bidding Process(75)				
		Basic Landscape Design Techniques(45)	Landscape Design Drawings(45)	Job Skills Training(45)				
		Environmental Science Studies(45)	Tractor Operation & Safety(90)	Turf & Landscape Installation(75)				
		Wildlife Studies(45)	Pesticide & Herbicides (Weed ID) (30)	State Pesticide Training & Testing(45)				
English		English, Applied Communications II	English, Applied Communications III	English, Applied Communications IV				
Math		Geometry, Algebra II, Algebra I	Algebra III/Trig. Geometry, Algebra II	Calc, Stats/Prob, Algebra III/Trig, Algebra II, I				
Science		Chemistry, Biology	Physics, Chemistry, Science Elective	Physics, Chemistry, Science Elective				



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Science								
Humanities		American History	World Studies	World Studies, POD, History Elective				
Other								

Subject	Dual Enrollment Credits			Articulated Credits		
	Course Number	Course Description	Credit Hours	Course Number	Course Description	Credit Hours
Technical						
English						



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Subject	Course Number	Course Description	Credit Hours	Course Number	Course Description	Credit Hours
English						
Math						
Science						
Humanities						
Other						