



**CAREER AND TECHNICAL EDUCATION INFORMATION SYSTEM
PENNSYLVANIA DEPARTMENT OF EDUCATION
SCOPE AND SEQUENCE
FOR SCHOOL YEAR 2013-2014**

DATE : 8/1/2013

Articulation Agreement between Greater Altoona CTC

and Statewide Articulation Agreement

Secondary School Name : Greater Altoona CTC

AUN: 108070607

CIP Code Number and Title : 48.0501 Machine Tool
Technology/Machinist

Program Type : Program of Study

Subject (Hours)	Secondary School				Postsecondary Institution			
	Grade 9 (Hours)	Grade 10 (Hours)	Grade 11 (Hours)	Grade 12 (Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Technical (1485)		Blueprint Reading (60)	Shop Safety(60)	Advanced Machine Theory (65)	TBD	TBD	TBD	TBD
		Machining Theory (65)	Intermediate Machining Theory(70)	Milling Machine Operations(70)				
		Blueprint Reading (62)	Intermediate Shop Intro(60)	NIMS Milling Project/Lab(60)				
		Shop Introduction (65)	Advanced Measurement (70)	Surface Grinder Operations(65)				
		Blueprint Reading (60)	Advanced Lathe Operation(80)	NIMS Surface Grinder/Lab Work(70)				
		Basic Machine Operation(70)	NIMS Lathe Project/Lab Work (60)	Intro to CNC(60)				
		Blueprint Reading (55)	Precision Measurement (50)	CNC Lathe Milling Programming (50)				
		Shop/Lab Work(58)	Advanced Layout Operations(45)	Advanced Layout(55)				
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV				
Math	Algebra I	Algebra II	Geometry	College Prep Math				
Science	Biology	Chemistry	Physics					
Humanities	Civics	U.S. History	World History					
Other	Foreign Language I	Foreign Language II						



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Other								

Subject	Dual Enrollment Credits			Articulated Credits		
	Course Number	Course Description	Credit Hours	Course Number	Course Description	Credit Hours
Technical				TBD	TBD	1.0
English						
Math						
Science						
Humanities						
Other						