



**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** Pennsylvania Highlands  
Community College  
( 408119902 )

**Secondary School Name :** Greater Altoona CTC

**AUN:** 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 (1485)		Student Orientation (15)	Student Orientation(15)	Student Orientation(15)	CIT 100 Microcomputer Apps	CIT 110 Theory of Computing	CIT 166 Visual Basic	CIT 172 Operating Systems & Administration
		Logic/Flowcharting (90)	RPG Programming(90)	Visual Basic Programming (480)	BUS 205 Top Quality Mgmt	CIT 140 Intro to Data Management	CIT 200 Database Tech.	CIT 102 MS Access
		COBOL Programming(390)	Oracle Database Fundamentals (150)		CIT 112 Programming Concepts	CIT 160 Modern Programming I	CIT 246 SQL	
			Oracle Database Programming-SQL(240)				WEB 130 Principles of Web Design	
English	College Prep English I	College Prep English II	College Prep English III	College Prep English IV	ENG 110 English Comp I	ENG 225 Technical Writing		COM 110 Interpersonal Communications
Math	Algebra I	Algebra II	Geometry	College Prep Math	MAT 145 College Algebra			
Science	Biology	Chemistry	Physics			PHY 100 Physics	LIF 111 Health & Wellness	
						PHY 101 Physics Lab		
Humanities	Civics	U.S. History	World History					HUM 100 Humanities or SOC 100 Social Sci Elective



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Humanities								
Other	Foreign Language I	Foreign Language II			FYE 100 First Year Experience			ACE 200 Access Portfolio

Dual Enrollment Credits				Articulated Credits		
Subject	Course Number	Course Description	Credit Hours	Course Number	Course Description	Credit Hours
Technical	CIT 110	Computer Theory	3.0	CIT 100	Microcomputer Applications	3.0
	CIT 112	Program Concepts	3.0	CIT 110	Theory of Computing	3.0
	CIT 140	Intro Data Management	3.0	CIT 166	Programming with Visual Basics	3.0
	CIT 160	Mod Prog I	3.0			
	CIT 166	Visual Basic	3.0			
	CIT 200	Database Tech	3.0			
	CIT 246	SQL	3.0			
English	ENG 225	Technical Writing	3.0			
Math						
Science						
Humanities						
Other						



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