



**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 : 47.0201 Heating, Air Conditioning,
Ventilation and Refrigeration

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)		Intro to HVAC/Systems/Careers/Safety(80)	Intro to HVAC/Systems/Careers/Safety (80)	Intro to HVAC/systems/careers/Safety (80)	TBD	TBD	TBD	TBD
		Intro to OSHA/Power Tools/Hand Tools/Piping Mats(Intro to OSHA/Power Tools/Hand Tools/Piping Mats(Intro to OSHA/Power Tools/Hand Tools/Piping Mats(
		Soldering&Brazing; Electricity/Components/Motors(6	Soldering&Brazing; Electricity/Components/Motors(7	Soldering&Brazing; Electricity/Components/Motors(6				
		Cooling Systems & Heating Systems (75)	Cooling Systems & Heating Systems(60)	Cooling Systems & Heating Systems(80)				
		HVAC Eqpt Installation&Maintenance; Chrg/Detct Sys	HVAC Eqpt Installation&Maintenance; Chrg/Detct Sys	HVAC Eqpt Installation&Maintenance; Chrg/Detct Sys				
		System Evac & Dehyd; Subcooling&Superheat(45)	System Evac & Dehyd; Subcooling&Superheat(45)	System Evac & Dehyd; Subcooling&Superheat(45)				
		Troubleshooting Gas Heat & Cooling Systems(45)	Troubleshooting Gas Heat & Cooling Systems (45)	Troubleshooting Gas Heat & Cooling Systems(45)				
		Heat Pumps; Computer Fundamentals(55)	Heat Pumps; Computer Fundamentals (55)	Heat Pumps; Computer Fundamentals (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					



**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 : 47.0201 Heating, Air Conditioning,
Ventilation and Refrigeration

Program Type : Program of Study

Secondary School					Postsecondary Institution			
Subject (Hours)	Grade 9 (Hours)	Grade 10 (Hours)	Grade 11 (Hours)	Grade 12 (Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Humanities	Civics	U.S. History	World History					
Other	Foreign Language I	Foreign Language II						

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



**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 : 47.0201 Heating, Air Conditioning,
Ventilation and Refrigeration

Program Type : Program of Study

Subject	Dual Enrollment Credits			Articulated Credits		
	Course Number	Course Description	Credit Hours	Course Number	Course Description	Credit Hours
Other						