

Student Name:

District:

Grade:



**Skill Alignment Chart for:
Heating, Ventilation, Air Conditioning (HVAC) Refrigeration
CIP Code: 47.0201**

Berks Career and Technology Center East Campus

Program Highlights	Notes
Program Safety & Physical Considerations <ul style="list-style-type: none">• Ability to lift 50 lbs• Ability to work in all weather conditions• Ability to work independently• Eye/hand coordination• No fear of heights or working in closed spaces• Physical strength and stamina	
Certifications <ul style="list-style-type: none">• Student Outcome Assessment (HVAC Excellence)• EPA 608 Certification• NCCER Core• Pennsylvania Builders Association Skills Certificate (based on NOCTI)• OSHA/CareerSafe 10-Hour Certification	
Reading & Language Arts Levels <ul style="list-style-type: none">• Follow oral and written instructions• Technical reading & writing• Text written on a 12th grade level	
Math Levels <ul style="list-style-type: none">• Algebra I, Geometry, Algebra II, and Trigonometry• Trigonometry limited to measuring, calculating angles and arc lengths	

Student Name:

District:

Grade:

Program Highlights	Notes
Lecture Time <ul style="list-style-type: none">• 30 minutes	
Homework <ul style="list-style-type: none">• 3 times per week	
Tasks Per Week <ul style="list-style-type: none">• 15-20 tasks per marking period	
Tests <ul style="list-style-type: none">• 1 to 2 tests and quizzes per week• Industry certification exams	
Study & Other Skills <ul style="list-style-type: none">• Ability to visualize in 3 dimensions• Ability to read and use rulers and tape measures• Attention to detail• Extensive problem solving (logic)• STRONG attention to detail• Willingness to do work outside of classroom, especially studying technical manuals (homework)	

Revised 7/18//2018