

**Short-Term Certificate**

Automotive Technology - Heating and Air Conditioning

Details

Completion Award: Short-Term Proficiency Certificate
Program Code (EPC): AUMEHC01

Program Coordinator (contact with questions)

Mike Hansen (360) 417-6540
Office: Q Bldg. mhansen@pencol.edu

Student's Name:**Student ID Number:****Advisor:****Advisor's Signature:****Learning Outcomes**

1. List and define the major components of the automotive heating and air conditioning system
2. Describe the theory of the HVAC operation
3. Demonstrate the proper service and repair procedures on automotive HVAC systems
4. List and identify heating and air conditioning faults, and factory specifications of assigned vehicle using the NATEF work-sheet

| Degree Requirements | Approved Substitutions | Name Of Course | Credits | Credits Completed | In Progress Qtr/Yr |
|---|------------------------|---|----------|-------------------|--------------------|
| ATEC 212 | | Automotive Heating and Air Conditioning | 5 | | |
| | | | | | |
| CREDITS REQUIRED FOR CERTIFICATE: Students must earn a 2.0 or higher in the above ATEC courses to receive this certificate. | | | 5 | | |

The following information is needed to produce your certificate:

Quarter and Year Certificate was completed: ☐ Fall ☐ Winter ☐ Spring ☐ Summer **20**__

Name to be printed on Certificate:*First**Middle**Last***Mailing Address:***Street/P.O. Box**City**State**Zip*

If no mailing address is provided, Certificate may be picked up at the Reception desk in the Student Services Bldg.

For Office Use:

☐ Grades verified Date Certificate Posted: _____ Processed By: _____
☐ Certificate Mailed or ☐ Forwarded to Program Advisor