

# Air Conditioning, Refrigeration, and Heating

## Associate of Applied Science Degree

### Program Coordinator:

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**Program Purpose:** This program is designed to provide up-to-date technical skills for employment in the growing \$150 billion HVACR industry. Student time is divided in half between classroom theory and lab projects. Graduates may work as an Air Conditioning Technician, Heating Technician, Refrigeration Technician, HVACR Technician, HVACR Contractor, Controls Technician, Indoor Air Quality Technician, HVACR Technical Sales, HVACR Installation, Service, or Maintenance Technician. Day and evening program offered.

First Semester (Fall)		
ENG 111 or ENG 115	College Composition I or Technical Writing	3
AIR 111	Air Cond. & Ref. Controls I	3
AIR 171	Refrigeration I	9
SDV 101	Orientation to College Success	1
<b>Total Credits</b>		<b>16</b>
Second Semester (Spring)		
AIR 112	Air Cond. & Ref. Controls II	3
AIR 159	Heating and Cooling Safety	1
AIR 172	Refrigeration II	9
MTH 111	Basic Technical Mathematics	3
<b>Total Credits</b>		<b>16</b>
Third Semester (Fall)		
MUS 121 or REL 230	Music Appreciation I or Religions of the World <sup>1</sup>	3
PSY 120	Human Relations	3
AIR 134	Circuits and Controls I	3
AIR 176	Air Conditioning	6
AIR 235	Heat Pumps	3
<b>Total Credits</b>		<b>18</b>
Fourth Semester (Spring)		
AIR 154	Heating Systems I	3
AIR 165	Air Conditioning Systems I	3
AIR 205	Hydronics and Zoning	3
AIR 231	Circuits and Controls IV	4
ECO 201	Principles of Macroeconomics <sup>2</sup>	3
<b>Total Credits</b>		<b>16</b>

**Total minimum credits for AAS Degree**

**66**



Students are eligible to test for EPA Section 608 & 609 during 3rd Semester; OSHA 10 and Industry Competency Exam (ICE) during 4th Semester.

<sup>1</sup> Recommended Humanities Elective

<sup>2</sup> Recommended Social Science Electives