

Heating, Ventilation, Air Conditioning & Refrigeration

Heating, Ventilation and Air Conditioning Advanced Certificate

302000 Revised 4/2013 (Fall 2013)

Specific Program Requirements	Credits	Semester Taken	Prerequisites
COLL 100 First Year Seminar	1		
HVAC 109 Electricity for HVAC/R Technicians	4		
HVAC 111 Principles of Heating, Ventilation and Air Conditioning	3		
HVAC 120 Fundamentals of Refrigeration	4		
HVAC 135 Residential Heating and Air Conditioning I	4		HVAC 109 (or take concurrently), HVAC 111, 120
HVAC 136 Residential Heating and Air Conditioning II	4		HVAC 135
HVAC 221 Commercial Refrigeration	4		HVAC 109, 120, and 136
HVAC 230 Sheet Metal Layout and Fabrication	4		
HVAC 235 Systems Installation	3		HVAC 136 and 230
HVAC 240 Geo-Thermal & Air Source Heat Pumps	3		HVAC 136
HVAC 201 Stationary Engineering or INTE 224 Energy Management, Efficiency, and Conservation	3		HVAC 111 and 120 (HVAC 201) HVAC 109 and INTE 115 (INTE 175)
INTE 124 Employment Strategies for Technical Careers	2		
MATH 103R Technical Mathematics I w/ Review or higher	3-4		MATH 40 or 40L
Total Credit Hours Required	42-43		