

**AIR CONDITIONING AND REFRIGERATION**

Career Studies Certificate

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*Purpose:* The Air Conditioning and Refrigeration career studies certificate is designed to prepare the student for entry-level positions in the air conditioning and refrigeration industry. Students receive instruction in basic principles, service, maintenance, repair, and installation procedures of air conditioning refrigeration and heating equipment.

<b>One Year</b>		<b>Credits</b>
<b>1st Semester</b>		
AIR	111 Air Conditioning & Refrigeration Controls I	3
AIR	121 Air Conditioning & Refrigeration I	4
AIR	154 Heating Systems I	4
	<b>Total</b>	<b>11</b>
<b>2nd Semester</b>		
AIR	122 Air Conditioning & Refrigeration II	4
AIR	134 Circuits and Controls	3
ENG/SPD	Elective	3
	<b>Total</b>	<b>10</b>

**Total credits for the Air Conditioning and Refrigeration Career Studies Certificate = 21.**

**All first-time students must take a one-credit Student Development (SDV) course prior to enrolling in their 16<sup>th</sup> credit at NOVA.**