

Northern Virginia Community College 2008-2009 Catalog

AIR CONDITIONING AND REFRIGERATION

Certificate

WO

Purpose: The certificate program is intended to prepare students for jobs in the air conditioning and refrigeration field. Upon successful completion of the program, the student is enabled to take full-time employment. The occupational objectives include service, maintenance, repair, and installation of air-conditioning and refrigeration equipment.

One Year Credits

1st Semester

AIR	111 Air Conditioning & Refrigeration Controls I	3
AIR	121 Air Conditioning & Refrigeration I	4
AIR	154 Heating Systems I	4
PHY	101 Intro to Physics	4
SDV	Elective	<u>1</u>
	Total	16

2nd Semester

AIR	122 Air Conditioning & Refrigeration II	4
AIR	134 Circuits & Controls	3
AIR	213 Air Conditioning & Refrigeration Controls III	4
ENG	111 College Composition I	3
¹ —	Social Science Elective	<u>3</u>
	Total	17

Total credits for the Air Conditioning and Refrigeration Certificate = 33.

¹ The social science elective may be selected from the social/behavioral sciences courses listed under General Education Electives.