

# BISMARCK STATE COLLEGE

## Heating, Ventilation & Air Conditioning Curriculum Guide

### Graduation Catalog 2009-2011 Associate in Applied Science

#### HEATING, VENTILATION & AIR CONDITIONING CORE CURRICULUM CREDITS

#### AAS GENERAL EDUCATION REQUIREMENTS

#### FALL CR GR

SMTL 105	Sheet Metal I	3	
SMTL 106	Sheet Metal II	6	
SMTL 107	Sheet Metal III	4	
SMTL 115	Practical Applications of Sheet Metal I	4	
<b>TOTAL CREDITS</b>		<b>17</b>	

#### SPRING CR GR

HVAC 100	Introduction to Heating, Ventilation & Air Conditioning	3	
HVAC 103	Air Conditioning Theory & Components	5	
HVAC 104	Heating Theory & Components	4	
HVAC 114	Heating Systems Troubleshooting	5	
<b>TOTAL CREDITS</b>		<b>17</b>	

#### SUMMER CR GR

HVAC 213	Air Conditioning Systems Troubleshooting	5	
REFG 215	Light Commercial Refrigeration	2	
REFG 216	Domestic Refrigeration	3	
<b>TOTAL CREDITS</b>		<b>10</b>	

#### CR GR

ENGL 110	College Composition I	3	
ENGL 120 or ENGL 125 or COMM 110	College Composition II Intro to Professional Writing Fundamentals of Public Speaking	3	
Arts & Humanities/Social & Behavioral Sciences: 1.		3	
Business, Math, Science & Technology: (Must be from two areas of study) 1. 2.		3 3	
Elective 1.		1	
<b>TOTAL CREDITS</b>		<b>16</b>	

<b>TOTAL CORE CURRICULUM CREDIT</b>	<b>44</b>
<b>TOTAL GENERAL EDUCATION CREDIT</b>	<b>15</b>
<b>TOTAL ELECTIVE CREDIT</b>	<b>1</b>
<b>TOTAL CREDITS</b>	<b>60</b>