

# BISMARCK STATE COLLEGE

## Heating, Ventilation & Air Conditioning Curriculum Guide

### Graduation Catalog 2009-2011 Diploma

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

#### DIPLOMA 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**

<b>Communications:</b> (1 course minimum) ENGL 110 College Composition I or COMM 110 Fundamentals of Public Speaking	3	
<b>Arts &amp; Humanities/Social &amp; Behavioral Sciences:</b> (1 course minimum) 1.	3	
<b>Business, Math, Science &amp; Technology:</b> (1 course minimum) 1.	3	
<b>Electives:</b> 1. 2. 3.	7	
<b>TOTAL CREDITS</b>	<b>16</b>	

<b>TOTAL CORE CURRICULUM CREDIT</b>	<b>44</b>
<b>TOTAL GENERAL EDUCATION CREDIT</b>	<b>9</b>
<b>ELECTIVES</b>	<b>7</b>
<b>TOTAL CREDITS</b>	<b>60</b>