

# BISMARCK STATE COLLEGE

## Automotive Technology Curriculum Guide

### Graduation Catalog 2009-2011

### Certificate

#### FRESHMAN:

FALL		CR	GR
AUTO 151	Brake Fundamentals	2	
AUTO 152	Brake Repair	3	
AUTO 161	Electronics	2	
AUTO 163	Starting and Charging Systems	3	
AUTO 164	Instruments and Accessory Systems	4	
AUTO 108	Mechanical and Shop Orientation	1	
<b>TOTAL CREDITS</b>		<b>15</b>	

#### SOPHOMORE:

FALL		CR	GR
AUTO 211	Engine Fundamentals	4	
AUTO 212	Engine Repair	5	
AUTO 271	AC-Heating Theory and Operation	3	
AUTO 272	AC-Heating Diagnosis and Service	3	
<b>TOTAL CREDITS</b>		<b>15</b>	

#### SPRING

CR GR

AUTO 128	Automatic Transmissions and Transaxles	5	
AUTO 131	Clutches, Drive Trains and Axles	3	
AUTO 132	Manual Transmissions and Transaxles	3	
AUTO 148	Suspension & Steering	4	
<b>TOTAL CREDITS</b>		<b>15</b>	

#### SPRING

CR GR

AUTO 282	Ignition Systems	5	
AUTO 283	Fuel Delivery Systems	6	
AUTO 284	Emission Control Systems	4	
<b>TOTAL CREDITS</b>		<b>15</b>	

Students receive an Electrical/Chassis Systems Certificate upon completion of Semesters 1 and 2.

Students receive an Engine Performance/Air Conditioning Systems certificate upon completion of Semesters 3 and 4.

<b>TOTAL CURRICULUM CREDITS    60</b>
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