BISMARCK STATE COLLEGE | North Dakota's Polytechnic Institution

AUTOMOTIVE TECHNOLOGY

Associate in Applied Science
Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	60
General Education	15
Digital Literacy	
Total Credits	**75**

Degree Plan
Semesters

Course	Title	Credits
1st Year		
Fall Semester		
Prescribed Program		
AUTO 108	Mechanical and Shop Orientation	1
AUTO 128	Automatic Transmissions and Transaxles	5
AUTO 161	Electronics	2
AUTO 163	Starting and Charging Systems	3
AUTO 164	Instruments and Accessory Systems	4
	Credits	15
Spring Semester		
Prescribed Program		
AUTO 131	Clutches, Drive Trains and Axles	3
AUTO 132	Manual Transmissions and Transaxles	3
AUTO 148	Suspension and Steering	4
AUTO 151	Brake Fundamentals	2
AUTO 152	Brake Repair	3
	Credits	15
2nd Year		
Fall Semester		
Prescribed Program		
AUTO 211	Engine Fundamentals	4
AUTO 212	Engine Repair	4
AUTO 271	A/C Heating Theory and Operation	3
AUTO 272	A/C & Heating Diagnosis	4
	Credits	15
Spring Semester		
Prescribed Program		
AUTO 282	Ignition Systems	3
AUTO 283	Fuel Delivery Systems	6
AUTO 284	Emission Control Systems	6
	Credits	15
	Total Credits	60

General Education
Written or Oral Communications

ENGL 110	College Composition I	3
Select one of the following:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
Credits Subtotal		**6**

Arts & Humanities/Social & Behavioral Sciences

Select one of the following recommended courses:		3
HIST 103	United States to 1877	
ECON 201	Principles of Microeconomics	
PSYC 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	
Credits Subtotal		**3**

Business, Math, Science & Technology

Select two of the following recommended courses (Two areas of study):		6
CSCI 101	Introduction to Computers	
MATH 110	Math in Society	
MATH 137	Applied Algebra	
CIS 147	Principles of Information Security	
CIS 164	Networking Fundamentals I	
Credits Subtotal		**6**

General Education Total Credits		**15**

Digital Literacy

Select one of the following:		
ENGL 110	College Composition I	
NDUS Institution Approved Training Course		
NDUS Institution Designated Digital Literacy Course		