

# BACHELOR OF SCIENCE IN AUTOMOTIVE TECHNOLOGY 2023-2024

FRESHMAN YEAR   FALL	CREDITS	COMPLETED
AST 160 + 161 Automotive Engine Repair with Lab	5	<input type="checkbox"/>
AST 164 Intro to Engine Performance	6	<input type="checkbox"/>
AST 165 Automotive Diagnostics and Tune Up Lab	0	<input type="checkbox"/>
ATDI 134 Electrical/Electrical Systems I with Lab	6	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>17</b>	

SOPHOMORE YEAR   FALL	CREDITS	COMPLETED
AST 106 + 107 Automotive Manual Drive Train and Axels with Lab	5	<input type="checkbox"/>
ATDI 257 Automatics with Lab	4	<input type="checkbox"/>
ATDI 262 Automatics Remove and Repair	1	<input type="checkbox"/>
<b>CATEGORY I: Communication</b> WRIT 101 College Writing I OR WRIT 122 Business Writing	3	<input type="checkbox"/>
<b>CATEGORY IV: Social Science/History</b> Any course in this area	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

JUNIOR YEAR   FALL	CREDITS	COMPLETED
AST 450 Advanced Engine Performance with Lab	4	<input type="checkbox"/>
ATDI 384 Automotive/Diesel Electrical/Electronic Systems III with Lab	4	<input type="checkbox"/>
ATDI 400 Shop Procedures	3	<input type="checkbox"/>
<b>CATEGORY I: Communication</b> Any course in this area	3	<input type="checkbox"/>
Advisor Approved Electives	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>17</b>	

SENIOR YEAR   FALL	CREDITS	COMPLETED
AST 408 Current Trends in Mobility Techniques	2	<input type="checkbox"/>
<b>CATEGORY III: Natural Science (with lab)</b> Any course in this area	4	<input type="checkbox"/>
<b>CATEGORY VI: Humanities Appreciation/ Creative Arts</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY VII: Technology</b> Any course in this area	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>12</b>	

FRESHMAN YEAR   SPRING	CREDITS	COMPLETED
AST 114 + 115 Automotive Brakes with Lab	5	<input type="checkbox"/>
AST 220 + 221 Automotive Steering and Suspension with Lab	5	<input type="checkbox"/>
ATDI 264 Electrical/Electrical Systems II with Lab	6	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

SOPHOMORE YEAR   SPRING	CREDITS	COMPLETED
AST 266 Computerized Engine Controls with Lab	6	<input type="checkbox"/>
ATDI 265 Heating and Air Conditioning with Lab	4	<input type="checkbox"/>
<b>CATEGORY II: Mathematics</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY IV: SOCIAL SCIENCE/HISTORY</b> Any course in this area	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>16</b>	

JUNIOR YEAR   SPRING	CREDITS	COMPLETED
ATDI 383 Alternative Automotive Power Systems with Lab	4	<input type="checkbox"/>
<b>CATEGORY III: Natural Science (with lab)</b> Any course in this area	4	<input type="checkbox"/>
<b>CATEGORY V: Cultural Diversity</b> Any course in this area	3	<input type="checkbox"/>
<b>CATEGORY VI: Humanities Appreciation/ Creative Arts</b> Any course in this area	3	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>14</b>	

SENIOR YEAR   SPRING	CREDITS	COMPLETED
AST 457 Advanced Power Trains with Lab	4	<input type="checkbox"/>
AST 495 Automotive Practicum	3	<input type="checkbox"/>
AST 498 Cooperative Education	3	<input type="checkbox"/>
Advisor Approved Electives	4	<input type="checkbox"/>
<b>TOTAL CREDITS</b>	<b>14</b>	



# THE VALUE OF YOUR AUTOMOTIVE TECHNOLOGY DEGREE



Hands-on learning is a prime focus at the 2nd ranked 4-year auto program in the country. The coursework includes all of the mechanic, fuel, and electronic systems of modern gas, diesel, and hybrid engines. The bachelor's degree opens the door for graduates who want to work as technical representatives, service managers, or specialized diagnosticians.

Students will become certified in the following:

- Preparation for Ford's Maintenance and Light Repair Program (MLR)
- National Coalition of Certification Centers (NC3)
- Automotive Service Excellence Education Program (2 year AAS only)

## 15 TO FINISH

### WANT TO GRADUATE ON TIME? SAVE MONEY? GET BETTER GRADES?

# 15

You're going to need 15. That's the number of credits you need to take each semester to graduate on time. Sure, you can take less and still receive some scholarships and funding. But unless you take 15 credits a semester (or 30 a year), you're looking at an extra year or more in order to graduate. Know the courses you need to graduate, and meet with your advisor to map out a plan to earn your degree on time.