

# Automotive Mechanics

## Associate of Applied Science in Automotive Technology

First Semester				
Subject	Number	Title	Hours	
---	---	<b>Written Communication</b>	<b>3</b>	
TECM	1341	Technical Algebra	3	
AUMT	1313	Automotive Suspension and Systems Theory	3	
AUMT	1405	Introduction to Automotive Technology	4	
AUMT	1410	Automotive Brake System	4	

Semester Total: 17

Second Semester				
Subject	Number	Title	Hours	
---	---	<b>Math/Natural Science</b>	<b>3-4</b>	
AUMT	1407	Automotive Electrical Systems	4	
AUMT	1416	Automotive Suspension and Steering Systems	4	
AUMT	2421	Automotive Electrical Diagnosis and Repair	4	

Semester Total: 15-16

Third Semester				
Subject	Number	Title	Hours	
SPCH	---	<b>Oral Communication</b>	<b>3</b>	
---	---	<b>Humanities/Fine Arts</b>	<b>3</b>	
AUMT	2437	Automotive Electronics	4	
AUMT	2417	Automotive Engine Performance Analysis I	4	

Semester Total: 14

### Fourth Semester

Subject	Number	Title	Hours
BCIS	1305	Suspension Computer Applications	3
---	---	<b>Social/Behavioral Science</b>	<b>3</b>
AUMT	2443	Advanced Emission Systems	4
*AUMT	1445	Automotive Climate Control Systems	4

Semester Total: 14

**Total Semester Credit Hours for Degree: 60-61**

## Certificate of Completion in Automotive Mechanics

### First Semester

Subject	Number	Title	Hours
AUMT	1405	Introduction to Automotive Technology	4
AUMT	1410	Automotive Brake Systems	4
AUMT	1313	Automotive Suspension and Steering Systems Theory	3

Semester Total: 11

### Second Semester

Subject	Number	Title	Hours
AUMT	1416	Automotive Suspension and Steering Systems	4
*AUMT	1407	Automotive Electrical Systems	4

Semester Total: 8

**\*\*Total Semester Credit Hours for Degree: 19**

## Certificate of Completion in Automotive Technician

### First Semester

Subject	Number	Title	Hours
AUMT	2421	Automotive Electrical Diagnosis	4
AUMT	2437	Automotive Electronics	4

AUMT                    2417                    Automotive Engine 4  
Performance  
Analysis I

Semester Total: 12

**Second Semester**

<b>Subject</b>	<b>Number</b>	<b>Title</b>	<b>Hours</b>
AUMT	2443	Advanced Emission 4 Systems Diagnosis	
*AUMT	1445	Automotive Climate 4 Control Systems	

Semester Total: 8

**\*\*Total Semester Credit Hours for Degree: 20**

\*Capstone

\*\*Both certificates required for degree.