

SPARTANBURG COMMUNITY COLLEGE
ASSOCIATE IN APPLIED SCIENCE DEGREE
MAJOR in AUTOMOTIVE TECHNOLOGY
(FORD ASSET - Mark)

<u>FIRST SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 111	Brakes	2	3	3
AUT 132	Automotive Electricity	3	3	4
AUT 160	Introduction to Automotive Technology	1	0	1
HSS 205	Technology & Society	3	0	3
MAT 155	Contemporary Mathematics	3	0	3
CWE 114	Coop I / or *AUT-112 Brake Systems	0	0	4
		<u>12</u>	<u>6</u>	<u>18</u>
<u>SECOND SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 142	Heating and Air Conditioning	2	3	3
AUT 232	Automotive Accessories	2	0	2
AUT 221	Suspension and Steering	2	3	3
PSY 103	Human Relations	3	0	3
CWE 124	Coop II / or **AUT-143 Active Devices and Sensors	0	0	4
		<u>9</u>	<u>6</u>	<u>15</u>
<u>THIRD SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 115	Manual Drivetrain/Axle	2	3	3
AUT 145	Engine Performance	3	0	3
DHM 105	Elective (DHM 105 Diesel Engine)	3	0	3
CWE 132	Coop IV or *†AUT-222 Four Wheel Alignment	0	0	2
		<u>8</u>	<u>3</u>	<u>11</u>
<u>FOURTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 100	Introduction to Automotive Hazardous Materials	0	3	1
AUT 107	Advanced Engine Repair	3	3	4
ENG 165	Professional Communications	3	0	3
CWE 214	Coop IV or †AUT-156 Automotive Diagnosis & Repair	0	0	4
		<u>6</u>	<u>6</u>	<u>12</u>
<u>FIFTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 245	Advanced Engine Performance	4	3	5
AUT 231	Automotive Electronics	4	0	4
ECO 101	Basic Economics	3	0	3
CWE 224	Coop V †AUT-262 Advanced Automotive Diagnosis & Repair	0	0	4
		<u>11</u>	<u>3</u>	<u>16</u>
<u>SIXTH SEMESTER</u>		<u>C</u>	<u>L</u>	<u>Cr</u>
AUT 251	Automatic Transmission Overhaul	4	3	5
AUT 275	Alternative Technology Vehicles	3	0	3
CWE 232	CoopVI or *** AUT-133 Electrical Fundamentals	0	0	2
		<u>7</u>	<u>3</u>	<u>10</u>
GRAND TOTAL		53	27	82

TOTAL CREDITS: 82

Approved by ARC