



# Automotive Technology (47.0604)

DIVISION: Technical Studies

DEPARTMENT: Transportation

- CTS – Engine Technician
- CTC - Electrical Technician
- CTC - Engine Performance Technician
- CTC - Engine Repair Technician
- CTC - Steering, Suspension & Brake Technician
- CTC - Heating & Air Conditioning Technician
- CTC - Manual Drive Train Technician
- CTC - Automatic Transmission & Transaxle Technician
- TD - Automotive Technician

## CURRICULUM

Course No.	Course Title	Lecture	LAB	Total Credit Hrs.	Total Clock Hrs.
ORNT 1000	Freshman Seminar	1	0	1	15
CPTR 1000	Introduction to Computers	1	1	2	45
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1010	General Electric/ Electronic	0	5	5	150
AUTO 1020	Advanced Electric/Electronic I	0	3	3	90
AUTO 1030	Advanced Electric/Electronic II	0	2	2	60
AUTO 1105	General Engine Performance & Drivability	0	5	5	150
AUTO 1115	Advanced Engine Performance & Drivability I	0	3	3	90
AUTO 1125	Advanced Engine Performance & Drivability II	0	2	2	60
AUTO 1135	Computerized Engine Controls Diagnosis & Repair	0	3	3	90
AUTO 1205	Engine Repair (Mechanical)	0	5	5	150
AUTO 1305	Steering & Suspension	0	5	5	150
AUTO 1315	Manual Hydraulic Disc & Drum Brakes and Power Assist	0	3	3	90
AUTO 1325	ABS & Traction Control System	0	2	2	60
AUTO 1405	Heating & Air Conditioning	0	5	5	150
AUTO 1505	Automatic Transmission & Transaxle in Vehicle Repair	0	3	3	90
AUTO 1515	Automatic Transmission & Transaxle off Vehicle Repair	0	2	2	60
AUTO 1605	Manual Drive Train, Clutch, Four & All Wheel Drive & Front & Rear Drive Axles	0	5	5	150
JOBS 2450	Job Seeking Skills	2	0	2	30
	<b>TD - AUTOMOTIVE TECHNICIAN</b>			<b>60</b>	<b>1740</b>

<b>Course No.</b>	<b>Course Title</b>	<b>Lecture</b>	<b>Lab</b>	<b>Total Credit Hrs.</b>	<b>Total Clock Hrs.</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1010	General Electric/Electronic	0	5	5	150
AUTO 1020	Advanced Electric/Electronic I	0	3	3	90
AUTO 1030	Advanced Electric/Electronic II	0	2	2	60
	<b>CTC - ELECTRICAL TECHNICIAN</b>			<b>12</b>	<b>360</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1105	General Engine Performance & Drivability	0	5	5	150
AUTO 1115	Advanced Engine Performance & Drivability I	0	3	3	90
AUTO 1125	Advanced Engine Performance & Drivability II	0	2	2	60
AUTO 1135	Computerized Engine Controls Diagnosis & Repair	0	3	3	90
	<b>CTC - ENGINE PERFORMANCE TECHNICIAN</b>			<b>15</b>	<b>450</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1205	Engine Repair (Mechanical)	0	5	5	150
	<b>CTC - ENGINE REPAIR TECHNICIAN</b>			<b>7</b>	<b>210</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1305	Steering & Suspension	0	5	5	150
AUTO 1315	Manual Hydraulic Disc & Drum Brakes and Power Assist	0	3	3	90
AUTO 1325	ABS & Traction Control System	0	2	2	60
	<b>CTC - STEERING, SUSPENSION &amp; BRAKE TECHNICIAN</b>			<b>12</b>	<b>360</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1405	Heating & Air Conditioning	0	5	5	150
	<b>CTC - HEATING &amp; AIR CONDITIONING TECHNICIAN</b>			<b>7</b>	<b>210</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1505	Automatic Transmission & Transaxle in Vehicle Repair	0	3	3	90
AUTO 1515	Automatic Transmission & Transaxle off Vehicle Repair	0	2	2	60
	<b>CTC - AUTOMATIC TRANSMISSION &amp; TRANSAXLE TECHNICIAN</b>			<b>7</b>	<b>210</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1605	Manual Drive Train, Clutch, Drive Axles	0	5	5	150
	<b>CTC - MANUAL DRIVE TRAIN TECHNICIAN</b>			<b>5</b>	<b>210</b>
AUTO 1000	Introduction to Automotive Technology	0	2	2	60
AUTO 1105	General Engine Performance & Drivability	0	5	5	150
AUTO 1115	Advanced Engine Performance & Drivability I	0	3	3	90
AUTO 1125	Advanced Engine Performance & Drivability II	0	2	2	60
AUTO 1135	Computerized Engine Controls Diagnosis & Repair	0	3	3	90
AUTO 1205	Engine Repair (Mechanical)	0	5	5	150
	<b>CTS - ENGINE TECHNICIAN</b>			<b>20</b>	<b>600</b>