



## Automotive Technology Automotive Technician

FIRST YEAR COURSE SCHEDULE			
First Semester	Credits	Second Semester	Credits
ADX 120-Basic Auto Electricity	3	ADX 170-Climate Control	3
ADX 121-Basic Auto Electricity Lab	2	ADX 170-Climate Control Lab	1
ADX 150-Engine Repair	3	AUT 180 Auto Transmissions/Transaxle	3
ADX 151-Engine Repair	2	AUT 181 Auto Transmissions/Transaxle Lab	2
AUT 140-Basic Fuel & Ignition Systems	3	AUT 130-Manual Transmissions	3
AUT 141-Basic Fuel & Ignition Systems Lab	2	AUT 131-Manual Transmissions Lab	2
		General Education	3
<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>17</b>

SECOND YEAR COURSE SCHEDULE			
Third Semester	Credits	Fourth Semester	Credits
ADX 260-Electrical Systems	3	AUT 240-Computer Control Systems & Diagnosis	3
ADX 261-Electrical Systems Lab	2	AUT 241-Computer Control Systems & Diagnosis Lab	2
AUT 110-Brake Systems	3	AUT 142 Emission Systems	3
AUT 111-Brake Systems Lab	2	AUT 143 Emission Lab	2
AUT 160-Suspension and Steering	3	Computer/Digital Literacy <sup>2</sup>	3
AUT 160-Suspension and Steering lab	2	General Education <sup>1</sup>	3
		Any approved work experience	1
<b>Total Credit Hours</b>	<b>15</b>	<b>Total Credit Hours</b>	<b>17</b>
		<b>Total Credit Hours for Diploma</b>	<b>61-64</b>

Completion of Diploma or Additional Requirements for AAS/GOTS Degree			
General Education Component	Credits	Technical Component	Credits
Quantitative Reasoning	3	**Technical Core	33-36
Natural Sciences	3	Automotive Technician Track	21
Social/Behavioral Sciences	3	Automotive Parts/Service Writer Track	13
Heritage/Humanities	3	<b>Total Credits (including General Ed)</b>	
Written Communication	3	<b>Automotive Technician</b>	<b>69-72</b>
Subtotal	15	<b>Automotive Parts/Service Writer</b>	<b>61-64</b>

**NOTE:**

- \* Please refer to course catalog for complete listing of required Technical courses.
- \*\*The student must have a plan of study on file in the academic affairs office.
- \*\*\*A combination of general education and technical courses should not exceed 68 credits.

**Note: Credit earned through certificate and diploma completion will be applicable toward the Associate of Applied Science in General Occupation/Technical Studies degree when consistent with the objectives of the student's individual plan of study.**

\*Note\* Hours Exception (69-72 for the A. A.S. and 61-64 for the Diploma) approved by the KCTCS Board of Regents in March 2011

<sup>1</sup>6 credit hours of general education courses are needed to fulfill the requirements of a diploma. One course from each area: **Area 1** (written communication, oral communication, or humanities/heritage) **Area 2** (social/behavioral sciences, natural sciences or quantitative reasoning). \*Please see your advisor for a list of approved courses.

<sup>2</sup>Computer/Digital Literacy course OR demonstrated competency must be met to fulfill requirements for Diploma. Please see your advisor for approved courses and/or testing information

<sup>3</sup>COE 199 **OR** AUT 198 may be taken to fulfill this requirement **OR** any approved course by the program coordinator.

Curriculum within KCTCS is reviewed and updated to ensure quality and relevance. This curriculum plan should be used only as a guide for meeting the course requirements for each credential. See the KCTCS catalog for specifics and consult your advisor.