



# Automotive Technician

32-404-2

Technical Diploma

[www.blackhawk.edu/eo/techdiplo/autotech.htm](http://www.blackhawk.edu/eo/techdiplo/autotech.htm)

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## AUTOMOTIVE TECHNICIAN

### Associate Degree Individualized Technical Studies (Option)

2010-2011

Course Number	Course Name	Credits	Lec-Lab	
<b>Semester I</b>				<b>General Education Courses:</b> <b>21 credits required</b>  <b>Communications - 6 credits required:</b> 801-195 Written Communications 3 801-196 Oral/Interpersonal Communication 3 801-197 Technical Reporting 3 <i>(Prerequisite: Written Communication)</i> 801-198 Speech <i>(May be substituted for 801-196)</i> 3  <b>Social Science – 3 credits required:</b> 809-166 Introduction to Ethics: Theory & App 3 809-172 Race, Ethnic & Diversity Studies 3 809-174 Social Problems 3 809-195 Economics 3 809-196 Introduction to Sociology 3  <b>Behavioral Science – 3 credits required:</b> 809-159 Abnormal Psychology 3 809-198 Introduction to Psychology 3 809-199 Psychology of Human Relations 3 809-188 Developmental Psychology 3  <b>Math and/or Science – 3 credits required</b> <i>(Check with your program advisor or counselor for the specific requirements)</i>  <b>General Education Electives – 0-6 credits required</b> <i>(Check with your program advisor or counselor for the specific requirements)</i>
404-338	Service Fundamentals	2	1-2	
404-343	Automotive Machine Shop	1	1-1	
404-345	Brake Service	4	2-5	
404-346	Steering and Suspension Service	4	2-5	
404-348	Service Simulation	2	0-6	
		13		
<b>Semester II</b>				
404-339	Engine Service	4	2-5	
404-342	Heating and Air Conditioning Service	4	2-5	
404-347	Drive Train Service I	3	2-3	
404-349	Service Management	1	0-2	
		12		
<b>Semester III</b>				
404-350	ASE Certification Review	1	2-0	
404-351	Electronic Engine Control Fundamentals	4	2-5	
404-353	Emission Control Service and Certification	1	1-1	
404-356	Electrical Service	4	2-5	
404-357	Electrical Engine Control Diagnosis	2	1-3	
		12		
<b>Semester IV</b>				
404-352	Computerized Fuel Systems Service	2	1-3	
404-354	Engine Performance Testing	4	2-5	
404-355	Drive Train/Transaxle Service II	2	1-3	
404-358	Service Internship	2	0-8	
450-315	Customer Service Fundamentals	2	3-0	
		12		
Associate Degree Level General Education Credits (see specifics in right column)		21		
		<b>Total Credits: 70</b>		
<b>890-125</b>	<b>Student Success (1 credit)</b> Students should take this course prior to or during the first semester of their program. This is an institutional requirement for first-time, full-time students.			
<i>The competencies developed for successful completion of this two-year automotive diploma program will satisfy the related standards required by ASE and their certificate program.</i>				