



<b>AUTOMOTIVE TECHNOLOGY</b>	<b>2014-2015</b>
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The Automotive Technology Program is designed to prepare students for employment and advancement in the automotive field. Curriculum requirements have been developed for certification by the National Institute for Automotive Service Excellence (ASE) program. The curriculum has been planned to provide technical knowledge and laboratory experiences related to a wide range of automotive applications.

**REQUIREMENTS FOR ASSOCIATE IN SCIENCE DEGREE:**

**Recommended Course Sequence:**

**First Semester (Fall):**

			<b># of Units</b>
AUTO	1	Vehicle Electrical Systems (F/S)	3
AUTO	150	Introduction to Engine Machining (F/S)	5
INDE	1	Career Planning for Industrial Technology (F/S)	1
MATH*	110	Essential Math	3
		General Education (Oral Communication) F/S)	3

**Second Semester (Spring):**

AUTO→	10	Automotive Electronics (S)	3
AUTO	163	Automotive Heating & Air Conditioning (S)	3
AUTO	147	Automotive Braking Systems (S)	3
ENGL*→	1A	College Composition	4
		General Education (Humanities) (F/S)	3

**Third Semester (Fall):**

AUTO	20	Engine Performance (F/S)	4
AUTO	130	Automotive Steering & Suspension (F/S)	3
AUTO	161	Manual Drive Trains & Axles (F/S)	3
AUTO	94	Automotive Technology Worksite Learning (F/S)	1
		General Education (Natural Science)	3

**Fourth Semester (Spring):**

AUTO→	21	Advanced Engine Performance (S)	3
AUTO→	131	Automotive Wheel Alignment(S)	2
AUTO	162	Automatic Transmissions and Transaxles ((S)	4
AUTO	94	Automotive Technology Worksite Learning (F/S)	1
		General Education (Multicultural/Living Skills)	3
		General Education (Social & Behavioral Science)	3

**Suggested Electives:**

AUTO	94	Auto Worksite Learning (F/S) (additional units encouraged)	1-4
INDE	1	Career Planning for Industrial Technology	1
WELD	70	Beginning Welding (F/S)	3

\* May be used to fulfill General Ed requirement.

→ May have prerequisite required.

**Associate in Science Degree Requirements**

**Unit Requirement:**  
61 semester units

**Scholarship Requirement:**  
Overall GPA of 2.0

**Residence Requirement:**  
Last 12 semester units or a minimum of 48 total semester units must be completed in residence at Shasta College

**Course Requirement:**  
Complete specific occupational major requirements (see left)

**General Education:**  
For Associate degree, complete 15 units of general education coursework (general ed may overlap with major course work-see counselor for details).

**Multicultural & Computer Literacy Competency Requirements:**  
See Chapter 5, page 1 of the 2014-2015 Shasta College catalog for details. (May overlap with general education).

<b>Major</b>	<b>46 Units</b>
<b>Additional General Education</b>	<b>15 Units</b>
<b>TOTAL</b>	<b>61 Units</b>

**Business, Agriculture, Industry, Technology & Safety (530) 242-7560**

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“F” (Fall) and “S” (Spring) indicate which semester a course is usually offered.  
“I” indicates course may not be offered every year. **Subject to change.**