

## Recommended Sequence of Courses - Fall Start

**Program of Study:** Automotive Technology  
**Department:** Industrial & Trade Technology  
**Coordinator:** Cliff Norton (707) 527-4404  
**Effective:** Fall 2016

Course offerings subject to change. Please consult current  
**Schedule of Classes.**

This document is for planning purposes only and is not a  
 guarantee of course offerings

Course Number	Course Title	Units	Semester Offered	Prerequisites/ Corequisites/ (Advisories)	In Person	Online	Hybrid	Day	Evening	Weekend
<b>First Semester (Fall)</b>										
AUTO 80	INTRO AUTOMOTIVE TECH	3.0	Fa, Spr, Sum		X			X	X	
WELD 70	BEGINNING WELDING	2.0	Fa, Spr		X			X	X	
AUTO 54	AUTO BRAKES, STEER, SUSP	7.0	Fa, Spr		X			X		
LIR 10 OR 30	Majors only, may be taken any semester	1.0	Fa, Spr, Sum		X	X		X	X	
<b>First Semester Unit Total:</b>		<b>13.0</b>								
<b>Second Semester (Spring)</b>										
AUTO 156	AUTO ELECTRIC SYSTEM	5.0	Fa, Spr		X			X		
AUTO 194	INTRO HYBRID VEHICLE	4.0	Fa, Spr		X				X	
IED 190	INDUSTRIAL MATH	1.5	Fa, Spr		X			X		
<b>Second Semester Unit Total:</b>		<b>10.5</b>								
<b>Third Semester (Fall)</b>										
AUTO 153	ENG PERF/POLL CONTROL	7.0	Fa, Spr		X			x		
AUTO 125	AUTO HEAT AIR COND SYSTM	1.5	Fa, Spr, Sum		X			x		
	ELECTIVES (see program website for list of electives)	3.0								
<b>Third Semester Unit Total:</b>		<b>11.5</b>								
<b>Fourth Semester (Spring)</b>										
AUTO 51	AUTO ENGINES	7.0	Fa, Spr		X			X		
AUTO 53	AUTOMOTIVE DRIVE TRAIN	6.0	Fa, Spr		X			X		
<b>Fourth Semester Unit Total:</b>		<b>13.0</b>								
<b>Electives</b> complete any combination totaling <b>at least 3.00 units</b> from the following:										
AUTO 99	Automotive Occupational Work Experience	0.5-8.00	Fa, Spr		X					
AUTO 108	Clean Air Car Course Basic & Enhanced	5.00	Fa, Spr		X				X	
AUTO 120	Automotive Service Ethics	3.00	Fa, Spr		X			X	X	
BGN 101	Typing	1.50	Fa, Spr		X			X	X	
ELEC 51A	Fundamentals of Electricity	3.00	Fa, Spr, Sum		X			X	X	
MACH 51A	Basic Machine Tool Technology	2.00	Fa, Spr		X			X	X	
MACH 51B	Advanced Machine Tool	2.00	Fa, Spr	MACH 51A	X				X	
WELD 171.1	Advanced SMAW	2.00	Fa, Spr	WELD 70	X				X	
WELD 171.2	Mig and Tig Welding	2.00	Fa, Spr	WELD 70	X				X	
WELD 171.3	Flux Core ARC Welding	2.00	Fa, Spr	WELD 70	X				X	
<b>Complete at least X units from above</b>										

**Minimum units to meet program requirements:**

Notes: \* = Every Other Semester

In Person = Traditional Classroom setting

Online = Class is taught using an online format

Hybrid = Course is taught using a combination of in-person and online formats

Day = In person courses that begin at 7:00am or later

Evening = In person courses that begin at 5:00pm or later

Weekend = In person courses taught on Saturday and/or Sunday

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WELD 70	BEGINNING WELDING	2.0	Fa, Spr		X			X	X	
AUTO 54	AUTO BRAKES, STEER, SUSP	7.0	Fa, Spr		X			X		
LIR 10 OR 30	Majors only, may be taken any semester	1.0	Fa, Spr, Sum		X	X		X	X	
<b>First Semester Unit Total:</b>		<b>13.0</b>								
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AUTO 194	INTRO HYBRID VEHICLE	4.0	Fa, Spr		X				X	
IED 190	INDUSTRIAL MATH	1.5	Fa, Spr		X			X		
<b>Second Semester Unit Total:</b>		<b>10.5</b>								
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AUTO 153	ENG PERF/POLL CONTROL	7.0	Fa, Spr		X			x		
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AUTO 51	AUTO ENGINES	7.0	Fa, Spr		X			X		
AUTO 53	AUTOMOTIVE DRIVE TRAIN	6.0	Fa, Spr		X			X		
<b>Fourth Semester Unit Total:</b>		<b>13.0</b>								
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ELEC 51A	Fundamentals of Electricity	3.00	Fa, Spr, Sum		X			X	X	
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