Recommended Sequence of Courses - Fall Start

Program of Study: Automotive Technology
Department: Industrial & Trade Technology
Coordinator: Cliff Norton (707) 527-4404
Effective: Fall 2017

Course Number	Course Title	Units	Semester Offered	Prerequisites/ Corequisites/ (Advisories)	In Person	Online	Hybrid	Day	Evening	Weekend
First Semester (Fall)										
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 154	AUTO BRAKES, STEER, SUSP	7.0	Fa, Spr		X			X		
LIR 10	Majors only, may be taken any semester	1.0	Fa, Spr, Sum		X	X		X	X	
	First Semester Unit Total:	**13.0**								
Second Semester (Spring)										
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		
	Second Semester Unit Total:	**10.5**								
Third Semester (Fall)										
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								
	Third Semester Unit Total:	**11.5**								
Fourth Semester (Spring)										
AUTO 51	AUTO ENGINES	7.0	Fa, Spr		X			X		
AUTO 53	AUTOMOTIVE DRIVE TRAIN	6.0	Fa, Spr		X			X		
	Fourth Semester Unit Total:	**13.0**								
Electives complete any combination totaling **at least 3.00 units** 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	
	Complete at least X units from above									
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
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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
First Semester (Fall)										
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 154	AUTO BRAKES, STEER, SUSP	7.0	Fa, Spr		X			X		
LIR 10	Majors only, may be taken any semester	1.0	Fa, Spr, Sum		X	X		X	X	
	First Semester Unit Total:	**13.0**								
Second Semester (Spring)										
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		
	Second Semester Unit Total:	**10.5**								
Third Semester (Fall)										
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								
	Third Semester Unit Total:	**11.5**								
Fourth Semester (Spring)										
AUTO 51	AUTO ENGINES	7.0	Fa, Spr		X			X		
AUTO 53	AUTOMOTIVE DRIVE TRAIN	6.0	Fa, Spr		X			X		
	Fourth Semester Unit Total:	**13.0**								
Electives complete any combination totaling **at least 3.00 units** 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	
	Complete at least X units from above									
	Minimum units to meet program requirements:									

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