



Certificate

Automotive
2021-2022

Automotive Technology
61 credits

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Program Coordinator/Advisor: John Blakely john.blakely@umpqua.edu

Prerequisites:

Possible Term Plan	Course Number	Course Title	Credits	Terms	Prerequisites/Notes
Term 1	AUT 100	Orientation to Automotive Technology	2	F	None
	AUT 111	Engine Repair & Maintenance	6	F	AUT 100 or Instructor approval
	AUT 113	Drive Trains	6	F	None
Term 2	AUT 114	Suspension and Steering	6	W	None
	AUT 115	Braking Systems	6	W	None
	MTH052	Industrial Applications of Math (or higher)	4	W	
Term 3	AUT 116	Electrical/Electronic Systems	6	Sp	None
	AUT 118	Engine Performance & Drivability	6	Sp	AUT 111 and AUT 116 or Instructor approval
	HD 136	Strategies for Success	3	F,W,Sp	
Term 4	AUT 127	Climate Control & Advanced Electrical	6	Su	AUT 116 or Instructor approval
	AUT 129	Light Vehicle Diesel Engines	6	Su	AUT 111 or Instructor approval
	WR 115	Introduction to Expository Writing (or higher)	4	F,W,S,Su	

Approved Electives	Course Number	Course Number/Title	Credits	Terms	Prerequisites/Notes	

Advising Notes	

Required/ Recommended Equipment and Software	Basic hand tool set is required. The recommended set will be discussed in AUT 100 and time