Program Coordinator/Advisor: Tracy Placido tracy.placido@umpqua.edu

Program Prerequisites: See requirements needed for first term classes.

Possible Term Plan	Course Number	Course Title	Credits	Terms	Prerequisites/Notes
Sequence	APR 140	Beginning Welding for Apprentices	1	F,W,S	None
	APR 151	Basic Electronics and Electricity	4	F,W,S	Prerequisite: MTH 052 or MTH 060
	APR 153	Electrical Applications and Techniques	3	F,W,S	Prerequisite: MTH 052 or MTH 060
	APR 155	Electrical Best Practices	2	F,W,S	None
	APR 157	Introduction to the National Electricity Code	2	F,W,S	None
	APR 159	Electrical Blueprint Reading	2	F,W,S	None
	APR 160	Residential Wiring	3	F,W,S	None
	APR 163	Commercial Wiring	3	F,W,S	Prerequisite: MTH 052 or MTH 060
	APR 165	AC Electronics and Electricity	4	F,W,S	Prerequisite: APR 151
	APR 167	Electric Motors and Transformers	3	F,W,S	Prerequisite: APR 153
	APR 169	Electrical Code Study II	2	F,W,S	None
	APR 251	Electrical Sensors and Control	3	F,W,S	Prerequisite: APR 167
	APR 253	Electrical Code Study III	2	F,W,S	None
	APR 255	Motor Controls I	2	F,W,S	None
	APR 257	High Voltage Applications	2	F,W,S	Prerequisite: APR 153
	APR 259	Solid State and Digital Applications	4	F,W,S	Prerequisite: APR 165
	APR 261	Electrical Code Study IV	2	F,W,S	None
	APR 263	Communications, Alarms and Controls	2	F,W,S	Prerequisite: APR 151
	APR 265	Motor Controls II	2	F,W,S	Prerequisite: APR 255
	APR 267	Advanced Code Study	3	F,W,S	Prerequisite: APR 157 or APR 169 or APR 253 or APR 261
	APR 269	Journeyman Exam Preparation	3	F,W,S	Prerequisite: APR 157 or APR 169 or APR 253 or APR 261
	Elective	Elective	2	F,W,S	Contact Apprenticeship Coordinator for list
	MTH 065	Elementary Algebra	4	F,W,S,Su	Prerequisite: MTH 060 with a grade of C or better, placement by approved measure, or instructor permission.
	WR121	Academic Composition	4	F,W,S,Su	Prerequisite: WR 115, RD 90 each with a grade of C or better, or appropriate placement test scores or placement by multiple measures; and basic computer word processing skills.
	Choose	Human Relations	3	F,W,S	None
	MTH 095 AND/OR WR 122 AND/OR HR	Intermediate Algebra AND/OR Argument, Research, and Multimodal Composition AND/OR Humand Relations from Approved List	Minimum 6	F,W,S	See individual classes

	Course Number	Course Number/Title	Credits	Terms	Prerequisites/Notes
	APR 112	Machine Shop Practices 2	3	F,W,S	APR 111

APR 113	Machine Shop Practices 3	3	F,W,S	APR 112
APR 122	Hydraulics 2	3	W	APR 121
APR 123	Hydraulics 3	3	S	APR 122
APR 142	Advanced Welding for Apprentices	1	F,W,S	APR 141
APR 151	Basic Electronics & Electricity	4	F	MTH 053 or MTH 060
APR 153	Electrical Applications & Techniques	3	F	MTH 053 or MTH 060
APR 165	AC Electronics & Electricity	4	S	APR 151
APR 259	Solid States & Digital Applications	4	S	APR 165
BA 101	Introduction to Business	4	F,W,S,Su	None
CIS 120	Intro to Computer Information Systems	4	F,W,S,Su	CIS 100 with a grade of C or better, placement by approved measure, or instructor permission
CIS 125D	Microcomputers Applications - Database	3	S	CIS 120 or instructor approval
CIS 125S	Computer Appllications - Spreadsheets	3	W	CIS 120 or instructor approval
HPE 295	Wellness & Health Assessment	3	F,W,S,Su	None
SDP 109	Elements of Supervision	3	F,S	None

Advising Notes	
	Please see an Apprenticeship Coordinator for a degree planning worksheet for this program.

Required/ Recommended Equipment and Software	