

# INDUSTRIAL APPRENTICE REQUIRED COURSE OUTLINE

## ROSEBURG INDUSTRIAL ELECTRICAL JATC MA 4011

**APPRENTICE NAME:** \_\_\_\_\_

**STUDENT ID #** \_\_\_\_\_

**TRADE:** LIMITED MAINTENANCE ELECTRICIAN

**MAJOR:** AAOTPREAPPR (CERT - Limited Electrician Apprenticeship Technologies)

**START DATE:** \_\_\_\_\_

All apprentices must take the following placement tests through the UCC Counseling Office. Should an apprentice score below the average test score in any of these test areas, they will be scheduled into courses to improve their skill level in the specified area(s).

<b>Reading Score</b>	Have you completed a Math 052 or Math 060 class with a "C" or higher?	<b>Y or N</b>
<b>Writing Score</b>		
<b>Math Score</b>		

**Program Prerequisite: Completion of MTH 052 or MTH 060 or equivalent placement test score.**

*The courses listed below will be the core and elective curriculum for the Millwright Apprentice Trade for the four year program.*

Course #	Course Title	CR	Hours	Mode	Prerequisites	Term	Date Completed	Final Grade
	CPR / First Aid	0	8					
APR 151	Basic Electronics & Electricity (Year 1)	4	33	3 lab hrs/wk	MTH 052 or higher	Fall (1)		
APR 153	Electrical Application & Techniques (Year 1)	3	33	3 lecture hrs/wk	MTH 052 or higher	Winter (2)		
APR 159	Electrical Blueprint Reading (Year 1)	2	22	2 lecture hrs/wk	None	Winter (2)		
APR 157	Introduction to the NEC (Year 1)	2	22	2 lecture hrs/wk	None	Spring (3)		
APR 165	AC Electronic & Electricity (Year 2)	4	55	3 lecture & 2 lec/lab hrs/wk	APR 151	Winter (5)		
APR 167	Electric Motors & Transformers (Year 2)	3	33	3 lecture hrs/wk	APR 153	Spring (6)		
APR 169	Electrical Code Study 2 (Year 2)	2	22	2 lecture hrs/wk	APR 157	Spring (6)		
APR 255	Motor Controls 1 (Year 3)	2	33	1 lecture & 2 lec/lab hrs/wk	APR 151	Fall (7)		
APR 253	Electrical Code Study 3 (Year 3)	2	22	2 lecture hrs/wk	APR 169	Winter (8)		
<b>TOTAL CR &amp; HOURS:</b>		<b>24</b>	<b>283</b>					

**NOTE:** Please see the UCC Catalog for additional coursework required to earn a Certificate of Completion or an Associate of Applied Science Degree in Electrical Apprenticeship Technologies.

*Certificate - Limited Electrician Apprenticeship Technologies 24 Credits*

