

# INDUSTRIAL MAINTENANCE TECHNICIAN ELECTRICAL - ASSOCIATE OF APPLIED SCIENCE

Code	Title	Hours
<b>General Education</b>		
Course required from Area I, II, IV, V, and VII. <sup>1</sup>		15-17
Area I: Communications		
ENGL 1110G	Composition I (Technical Requirement) <sup>2</sup>	
Area II: Mathematics		
MATH 1130G	Survey of Mathematics	
Area IV: Social/Behavioral Sciences		
Area V: Humanities		
Area VII: Flexible 3 (General Education Elective)		
ENGL 2210G	Professional & Technical Communication	3
<b>Technical Requirements</b>		
INMT 133	Process Technology and Systems	4
INMT 134	Maintenance Principles	4
INMT 165	Equipment Processes	4
INMT 205	Programmable Logic Controllers and Applications	4
INMT 223	Electrical Repairs	4
MAT 130	Applied Industrial Electricity I	4
MAT 135	Applied Industrial Electricity I	4
OEET 120	Basic Motor Controls	5
OEET 110	Basic Electricity and Electronics	4
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
<b>Total Hours</b>		<b>60-62</b>

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See the General Education section of the catalog for a full list of courses.

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Course is a Technical Requirement and must be completed regardless of transfer credit awarded.

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
INMT 133	Process Technology and Systems	4
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
ENGL 1110G	Composition I (Area I: Communications)	4
Area IV: Social/Behavioral Sciences		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
INMT 134	Maintenance Principles	4

INMT 165	Equipment Processes	4
ENGL 2210G	Professional & Technical Communication (Area VII: Flexible 3 (General Education Elective))	3
OEET 120	Basic Motor Controls	5
<b>Hours</b>		<b>16</b>
<b>Summer</b>		
Area III: Laboratory Science		4
<b>Hours</b>		<b>4</b>
<b>Second Year</b>		
<b>Fall</b>		
OEET 110	Basic Electricity and Electronics	4
MAT 130	Applied Industrial Electricity I	4
INMT 223	Electrical Repairs	4
Area V: Humanities		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
MAT 135	Applied Industrial Electricity I	4
MATH 1130G	Survey of Mathematics (Area II: Mathematics) <sup>3</sup>	3
INMT 205	Programmable Logic Controllers and Applications	4
OEET 295	Special Topics	2
Area VI: Creative and Fine Arts		3
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>67</b>

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### Area IV: Social/Behavioral Sciences Courses:

- ANTH 1115G Introduction to Anthropology
- ECON 1110G Survey of Economics, ECON 2110G Macroeconomic Principles, or ECON 2120G Microeconomic Principles
- GEOG 1120G World Regional Geography or GEOG 1130G Human Geography
- POLS 1110G Introduction to Political Science or POLS 1120G American National Government
- SOCI 1110G Introduction to Sociology

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### Area V: Humanities Courses

- HIST 1110G United States History I or HIST 1120G United States History II
- HIST 1150G Western Civilization I or HIST 1160G Western Civilization II

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MATH 1130G Survey of Mathematics is required for the degree but students may need to take any prerequisites needed to enter MATH 1130G first.