

INDUSTRIAL MAINTENANCE TECHNICIAN MECHANICAL - ASSOCIATE OF APPLIED SCIENCE

Code	Title	Hours
General Education		
Course required from Area I, II, IV, V, and VII ^{1,2}		15
Area I: Communications		
ENGL 1110G	Composition I	
Area II: Mathematics		
MATH 1130G	Survey of Mathematics ³	
Area IV: Social/Behavioral Sciences		
Choose one from the following (3 credits):		
ANTH 1115G	Introduction to Anthropology	
ECON 1110G	Survey of Economics	
ECON 2110G	Macroeconomic Principles	
ECON 2120G	Microeconomic Principles	
GEOG 1120G	World Regional Geography	
	or GEOG 113 Human Geography	
POLS 1120G	American National Government	
	or POLS 1110G Introduction to Political Science	
SOCI 1110G	Introduction to Sociology	
Area V: Humanities		
HIST 1110G	United States History I	
	or HIST 112 United States History II	
HIST 1150G	Western Civilization I	
	or HIST 1160G Western Civilization II	
Area VI: Creative and Fine Arts		
Area VII: Flexible 3 (General Education Elective)		
ENGL 2210G	Professional & Technical Communication	3
Technical Requirements		
INMT 133	Process Technology and Systems	4
INMT 134	Maintenance Principles	4
INMT 165	Equipment Processes	4
INMT 235	Mechanical Drives I	4
INMT 237	Hydraulics I	2
INMT 261	Pump Operations I	4
INMT 262	Piping Systems	2
INMT 263	Mechanical Drives II	4
INMT 264	Rigging	2
INMT 265	Hydraulics II	2
INMT 267	Pump Operations II	2
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
WELD 105	Introduction to Welding	3
Total Hours		60

1

Each course selected must be from a different area and students cannot take multiple courses in the same area.

2

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

3

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

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
First Year		
Fall		
INMT 133	Process Technology and Systems	4
OETS 100	Industrial/Construction Safety	2
OETS 118	Mathematics for Technicians	3
ENGL 1110G	Composition I	4
Area IV: Social/Behavioral Sciences Course ¹		3
Hours		16
Spring		
INMT 134	Maintenance Principles	4
INMT 165	Equipment Processes	4
ENGL 2210G	Professional & Technical Communication	3
MATH 1130G	Survey of Mathematics ²	3
Hours		14
Second Year		
Fall		
INMT 235	Mechanical Drives I	4
INMT 237	Hydraulics I	2
INMT 261	Pump Operations I	4
INMT 262	Piping Systems	2
Area V: Humanities Course ³		3
Hours		15
Spring		
INMT 263	Mechanical Drives II	4
INMT 264	Rigging	2
INMT 265	Hydraulics II	2
INMT 267	Pump Operations II	2
MAT 265	Special Topics	2
WELD 105	Introduction to Welding	3
Hours		15
Total Hours		60

1

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 1120G American National Government or POLS 1110G Introduction to Political Science
- SOCI 1110G Introduction to Sociology

2

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

3

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