

Industrial Maintenance Repairer
RA: 0311 O*Net: 49-9071.00

Outline of Technical Studies

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Contact Hrs.
MTH107	Industrial Math	3	Accuplacer	48
AIT220	Industrial Robotics	4	None	80
MST121	Blue Print Reading	2	None	48
MST221	Mechanical Drive Components	3	None	64
MST125/126	Basic Pumps/Pipefitting Principles	6	None	128
MST127	Principles of Welding/Lab	6	None	144
MST134	Hyd. & Pneumatic Systems	4	MTH107	96
AIT134	Preventative & Predictive Maintenance	3	MST125 & MST221	64
EET227	PLC's and Industrial Controls I	3	EST230	64
EST230	Electrical Circuits and Devices	3	MTH107	64
		37	Total	800

MST125 & 126 taken at the same time.

Course Sequence

<u>First Semester</u>	<u>Course</u>	<u>Second Semester</u>	<u>Course</u>
MTH107	Industrial Math	AIT220	Industrial Robotics
MST121	Blue Print Reading	EST230	Electrical Circuits and Devices
<u>Third Semester</u>	<u>Course</u>	<u>Fourth Semester</u>	<u>Course</u>
MST125/126	Basic Pumps/Pipefitting Principles	MST127	Principles of Welding/Lab
MST221	Mechanical Drive Components		
<u>Fifth Semester</u>	<u>Course</u>	<u>Sixth Semester</u>	<u>Course</u>
EET227	PLC's and Industrial Controls I	MST134	Hyd & Pneumatic Systems
AIT134	Preventative & Predictive Maintenance		