



INDUSTRIAL MAINTENANCE - Manchester

Expenses for class held at the Manchester Instructional Service Center
 The Industrial Maintenance program is 4 trimesters (1728 hours).

Courses	Books/Supplies	ISBN	Price
IMGZ-0001 Worker Characteristic	<u>First Trimester</u>		
IMGZ-1010 Safety and Orientation	eLearning fee		\$ 150.00
IMGZ-1020 Technology Foundations	5 Uniform shirts		120.00
IMGZ-1030 Hand and Power Tools	Ugly's Electrical Reference	9781284119367	25.00
IMGZ-1040 Industrial Print Reading	1 USB Flash Drive (8GB)		15.00
IMGZ-1050 Measurement Tapes Mics Caliper	1 pair safety glasses		5.00
IMGZ-1060 Mechanical Power Transmission			
IMGZ-1070 Ohms Law			First Trimester Cost For Books/Supplies \$ 315.00
IMGZ-1080 Electrical Circuits&Components	<u>Second Trimester</u>		
IMGZ-1090 Electrical Test Equipment	eLearning fee		\$ 150.00
IMGZ-1100 Electrical Circuit Analysis	Special academic fee for welding (based on 108 hours training)		25.00
IMGZ-1110 Transformers	Welding Gear: includes clear safety glasses, Auto dark welding helmet, welding gloves, Tig gloves, welding cap, cloth welding jacket & carrying bag		240.00
IMGZ-1120 Electrical Machinery			
IMGZ-1130 NIDA Computer Base Training	Burning Goggles		10.00
IMGZ-1140 Rigging	Wire brush		5.00
IMGZ-0002 Worker Characteristic	Mig pliers		15.00
IMGZ-2010 Fluid Power	6" vice grip tool		15.00
IMGZ-2020 Motors & Motor Control Systems	Welding hammer		10.00
IMGZ-2030 Welding Shop Safety	Tig welding electrodes: 3/32 Pure Tungston Rods PK 2		10.00
IMGZ-2040 Arc Welding	3/32 2% Tungston Rods PK 2		10.00
IMGZ-2050 T-Joint Welding			Second Trimester Cost for Books/Supplies: \$ 490.00
IMGZ-2060 Mig Welding	<u>Third Trimester</u>		
IMGZ-2070 Tig Welding	eLearning fee		\$ 150.00
IMGZ-0003 Worker Characteristic	Logixpro CD/Key Edition		70.00
IMGZ-3010 Motor Ctrl Wiring & Trbleshoot			Third Trimester Cost For Books/Supplies \$ 220.00
IMGZ-3020 Intro to PLC Programming	<u>Fourth Trimester</u>		
IMGZ-0004 Worker Characteristic	eLearning fee		\$ 150.00
IMGZ-4010 PLC Programming & Troubleshoot			
IMGZ-4020 Introduction to Robotics			
			TOTAL COST FOR ALL BOOKS/SUPPLIES \$ 1,175.00
			TOTAL COST FOR ALL FEES (\$1281 per term*) \$ 5,124.00
			TOTAL PROGRAM COSTS \$ 6,299.00

*Effective September 1, 2018, fees charged each term: \$1204 maintenance fee, \$67 technology access fee, and \$10 student activity fee.
 Revised 08/24/2018