

# Maintenance of Manufacturing and Packaging Facilities Course Bundle

253 Total Lessons

Online Training

## 100 Industrial Math and Science (10)

170	Industrial Mathematics	(3)
171	Industrial Sciences	(7)

## 200 Industrial Maintenance (98)

*Includes all 200 series lessons in our library*

201	Introduction to Industrial Maintenance and the Tools of the Trade	(5)
202	Belt Drive Maintenance	(8)
203	Bearing Maintenance	(6)
205	Gear Maintenance	(4)
207	Rotating Machinery	(3)
208	Piping and Tubing	(7)
209	Shaft Alignment	(7)
211	Chain Drive Maintenance	(2)
213	Lubrication	(5)
215	Valve Selection and Maintenance	(15)
219	Centrifugal Pumps	(8)
223	Heat Exchangers	(3)
225	Compressors	(4)
229	Fasteners and Seals	(6)
231	Positive Displacement Pumps	(3)
243	Hydraulics	(3)
271	Vibration	(3)
273	Boiler Repair	(6)

## 400 Electrical Maintenance (61)

*Includes all 400 series lessons in our library*

401	Direct Current (DC)	(5)
402	Alternating Current (AC)	(7)
405	Power Quality	(3)
409	Industrial Motors	(10)
411	Motor Control and Protection	(4)
413	AC Drives	(1)
415	Transformers	(4)
416	Batteries, Battery Chargers, and UPS	(3)
417	Switchgear Maintenance	(6)
418	Electrical Protection and Grounding	(5)
419	Motor Operated Valves	(4)
421	Wiring Installation	(4)
423	Cable Splicing	(2)
425	Troubleshooting Electrical Circuits	(2)
427	Freeze Protection	(1)

## 600 Instrumentation and Control (56)

*Includes all 600 series lessons in our library*

603	Process Control Variables	(10)
605	Test Equipment	(8)
607	Analyzers	(2)
609	Calibration and Troubleshooting	(4)
611	Prints and Drawings	(5)
613	Automated Control	(4)
615	Signal Transmission and Conversion	(4)
617	Controllers and Final Control	(3)
619	Electronics Fundamentals	(2)
621	Programmable Logic Controllers	(7)
670	Principles of HVAC and Refrigeration	(7)

## 800 Industrial Machining and Welding (28)

*Includes all 800 series lessons in our library*

801	Precision Measurement	(7)
803	Layout and Bench Work	(2)
805	Vertical Milling Machine	(1)
807	Engine Lathe	(1)
809	Surface Grinder	(1)
811	Pedestal Grinder	(1)
813	Bandsaw	(1)
815	Drill Press	(1)
820	Rigging, Lifting, and Elevated Work Surfaces	(7)
841	Welding and Cutting for Maintenance	(6)



hsi.com/industrial-skills

Suzie Espling : 520.392.0036 sespling@hsi.com

Kevin Schneider : 616.389.1912 kschneider@hsi.com