

Combined Cycle Operations and Maintenance Course Bundle

348 Total Lessons

100 Industrial Math and Science (10)

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

300 Electrical Distribution (1)

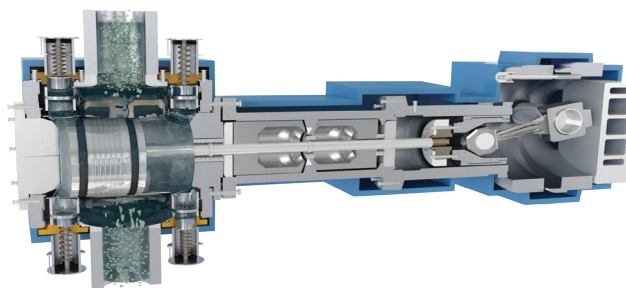
350 System Protection 350-10 Generator Protection	(1)
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400 Electrical Maintenance (61)

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)



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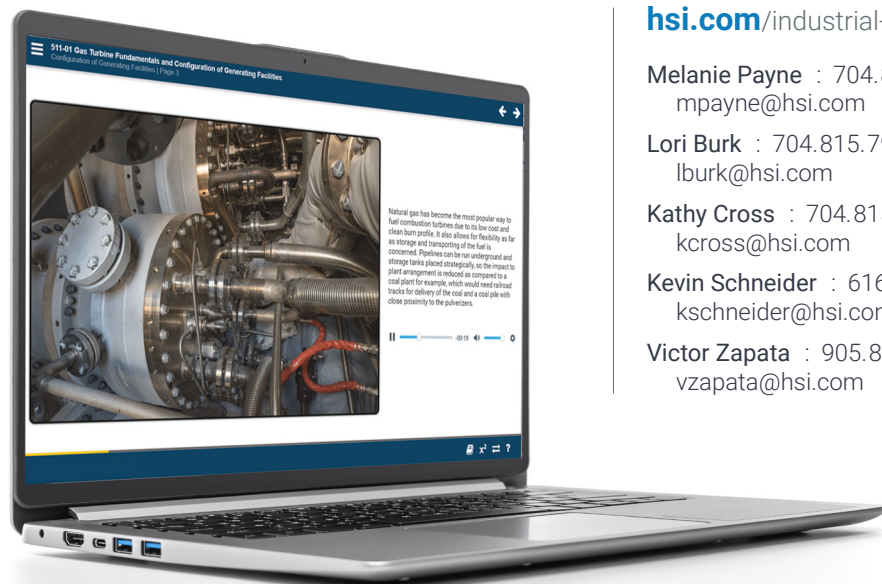
500 Power Generating Systems and Operations (122)

501	Power Generation	(5)	560	Plant Electrical Systems	(5)
505	Turbine Auxiliaries System and Control	(4)	561	Unit Start-up and Shutdown	(4)
507	Generator Auxiliaries and System Control	(6)	563	Efficiency, Reliability, and Environmentally Sensitive Operations	(15)
511	Combustion Turbine Fundamentals	(12)	565	Plant Control System	(4)
535	Fundamental Aspects of Emission Controls	(8)	567	Heat Rate Optimization	(3)
551	Circulating Water System	(10)	581	Diesel Power Plant Operations	(6)
553	Condensate and Feedwater Systems	(4)	582	Combined Cycle Power Plant Operations	(8)
555	Boiler Feed Pumps	(5)	586	Reciprocating Engine Power Plants	(6)
557	Boiler Water and Steam Systems	(6)			
559	Water Treatment	(11)			

600 Instrumentation and Control (56)

Includes all 600 series lessons in our library

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



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