

Fall 2019

# INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS



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## INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS

### BOILERS AND PRESSURE VESSELS

August	New York, New York, USA
September	Las Vegas, Nevada, USA
October	Houston, Texas, USA
November	Orlando, Florida, USA San Diego, California, USA
December	New Orleans, Louisiana, USA

### BOLTING

September	Las Vegas, Nevada, USA
December	New Orleans, Louisiana, USA

### DESIGN AND MATERIALS

September	Las Vegas, Nevada, USA
October	Houston, Texas, USA
November	Orlando, Florida, USA
December	New Orleans, Louisiana, USA

### ELEVATORS AND ESCALATORS

August	New York, New York, USA
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### ENGINEERING MANAGEMENT

September	Las Vegas, Nevada, USA
November	Orlando, Florida, USA San Diego, California, USA

### FLUIDS AND HEAT TRANSFER

September	Las Vegas, Nevada, USA
October	Houston, Texas, USA
November	Orlando, Florida, USA San Diego, California, USA
December	New Orleans, Louisiana, USA

### GAS TURBINES

November	Orlando, Florida, USA
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### GEOMETRIC DIMENSIONING AND TOLERANCING

November	San Diego, California, USA
December	New Orleans, Louisiana, USA

### NUCLEAR

September	Las Vegas, Nevada, USA
October	Houston, Texas, USA
November	Orlando, Florida, USA
December	New Orleans, Louisiana, USA

### PIPING AND PIPELINES

September	Las Vegas, Nevada, USA
October	Houston, Texas, USA
November	Orlando, Florida, USA San Diego, California, USA
December	New Orleans, Louisiana, USA

### WELDING

October	Houston, Texas, USA
November	San Diego, California, USA
December	New Orleans, Louisiana, USA

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## Fall 2019 Schedule

## INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS

AUGUST 2019 – NEW YORK, NEW YORK, USA		GO.ASME.ORG/NEWYORK
PD100	Introduction to the Maintenance and Inspection of Elevators and Escalators	19-20 AUG
PD442	ASME BPV Code, Section VIII, Division 1: Design & Fabrication of Pressure Vessels <b>TOP SELLER!</b>	19-21 AUG
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course <b>TOP SELLER!</b>	19-23 AUG
PD602	Elevator and Escalator Combo Course <b>TOP SELLER!</b>	19-23 AUG
PD102	ASME A17.1 Safety Code and A17.2 Inspection Requirements	21-23 AUG
PD441	Overview of In-service Codes for Inspections, Repairs and Alterations of Pressure Equipment <b>TOP SELLER!</b>	22-23 AUG
SEPTEMBER 2019 – LAS VEGAS, NEVADA, USA		GO.ASME.ORG/LASVEGAS
PD539	Bolted Joints and Gasket Behavior <b>TOP SELLER!</b>	23-24 SEPT
PD570	Geometric Dimensioning & Tolerancing Fundamentals 1 <b>TOP SELLER!</b>	23-24 SEPT
MC127	Master Class: Bases and Application of Design Requirements for High Pressure Vessels in ASME Code Section VIII Division 3	23-24 SEPT
PD475	The Engineering Manager: Engaging with Today's Workforce	23-24 SEPT
PD027	Heating, Ventilating and Air-Conditioning Systems: Sizing and Design	23-25 SEPT
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks <b>TOP SELLER!</b>	23-25 SEPT
PD386	Design of Bolted Flange Joints <b>TOP SELLER!</b>	25 SEPT
PD448	ASME BPV Code, Section VIII, Division 2: Design & Fabrication of Pressure Vessels <b>TOP SELLER!</b>	23-25 SEPT
PD467	Project Management for Engineers and Technical Professionals	23-25 SEPT
PD633	Overview of Codes and Standards for Nuclear Power Plants	23-25 SEPT
PD685	The Engineering Manager: Engaging Today's Workforce and Strategic Thinking Combo Course	23-25 SEPT
PD184	ASME BPV Code, Section III, Division 1: Rules for Construction of Nuclear Facility Components and USNRC Regulations	23-26 SEPT
PD603	GD&T Combo Course <b>TOP SELLER!</b>	23-26 SEPT
PD644	Design and Fabrication of Nuclear Facility Components	23-26 SEPT
PD675	ASME NQA-1 Lead Auditor Training	23-26 SEPT
PD679	Selection of Pumps and Valves for Optimum System Performance	23-26 SEPT
PD013	ASME B31.1 Power Piping Code <b>TOP SELLER!</b>	23-27 SEPT
PD432	Turbo Machinery Dynamics: Design & Operation	23-27 SEPT
PD601	Bolting Combo Course <b>TOP SELLER!</b>	23-27 SEPT
PD629	Project Management Combo Course <b>TOP SELLER!</b>	23-27 SEPT
PD691	Water Hammer, Piping Design, and Failure Analysis	23-27 SEPT
PD676	Strategic Thinking	25 SEPT
PD561	Geometric Tolerancing Applications and Tolerance Stacks <b>TOP SELLER!</b>	25-26 SEPT
MC112	Master Class: Materials and Design for High Temperatures	25-26 SEPT
MC104	Bases and Application of Heat Exchanger Mechanical Design Rules in Section VIII of the ASME Boiler and Pressure Vessel Code	26-27 SEPT
PD496	Preparing for the Project Management Professional Certification Exam <b>TOP SELLER!</b>	26-27 SEPT
PD577	Bolted Joint Assembly Principles Per ASME PCC-1-2019 <b>TOP SELLER!</b>	26-27 SEPT
PD766	Post Weld Heat Treatments In ASME Codes	26-27 SEPT
OCTOBER 2019 – HOUSTON, TEXAS, USA		GO.ASME.ORG/HOUSTON
PD706	Inline Inspections for Pipelines	21-22 OCT
MC110	Master Class: Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	21-22 OCT
MC111	Master Class: Piping Vibration Causes and Remedies - a Practical Approach	21-22 OCT
PD014	ASME B31.3 Process Piping Design <b>TOP SELLER!</b>	21-23 OCT
PD190	ASME BPV Code, Section IX: Welding, Brazing and Fusing Qualifications <b>TOP SELLER!</b>	21-23 OCT
PD231	Shock and Vibration Analysis <b>TOP SELLER!</b>	21-23 OCT
PD370	ASME B31.8 Gas Transmission & Distribution Piping Systems <b>TOP SELLER!</b>	21-23 OCT

OCTOBER 2019 – HOUSTON, TEXAS, USA (CONTINUED)		GO.ASME.ORG/HOUSTON
PD395	API 579-1/ASME FFS-1 Fitness-For-Service Evaluation <b>TOP SELLER!</b>	21-23 OCT
PD410	Detail Engineering of Piping Systems <b>TOP SELLER!</b>	21-23 OCT
PD442	ASME BPV Code, Section VIII, Division 1: Design & Fabrication of Pressure Vessels <b>TOP SELLER!</b>	21-23 OCT
PD702	Process Safety and Risk Management for Engineers and Supervisors	21-23 OCT
PD711	ASME NQA-1 and DOE Quality Assurance Rule 10 CFR 830	21-23 OCT
PD763	Centrifugal Pumps: Testing, Design, and Analysis	21-23 OCT
PD359	Practical Welding Technology <b>TOP SELLER!</b>	21-24 OCT
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course <b>TOP SELLER!</b>	21-25 OCT
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course <b>TOP SELLER!</b>	21-25 OCT
PD792	Detail Engineering and Layout of Equipment and Piping Systems Combo Course <b>TOP SELLER!</b>	21-25 OCT
MC117	Master Class: Piping Failures - Causes and Prevention	23 OCT
PD445	ASME B31 Piping Fabrication and Examination	23-24 OCT
PD441	Overview of In-service Codes for Inspections, Repairs and Alterations of Pressure Equipment <b>TOP SELLER!</b>	24-25 OCT
PD457	ASME B31.3 Process Piping Materials, Fabrication, Examination & Testing <b>TOP SELLER!</b>	24-25 OCT
PD673	Design and Selection of Heat Exchangers	24-25 OCT
PD720	Managing and Coordinating Piping Projects	24-25 OCT
MC142	Master Class: ASME B31.8S Integrity Management of Natural Gas Pipelines using ASME B31.8S Standard	24-25 OCT
NOVEMBER 2019 – ORLANDO, FLORIDA, USA		GO.ASME.ORG/ORLANDO
PD115	The Gas Turbine: Principles and Applications	4-5 NOV
PD382	How to Predict Thermal-Hydraulic Loads on Pressure Vessels and Piping	4-5 NOV
PD391	ASME B31.4 Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids	4-5 NOV
PD567	Design, Analysis and Fabrication of Composite Structure, Energy and Machine Applications <b>TOP SELLER!</b>	4-5 NOV
PD606	ASME NQA-1 Requirements for Computer Software used in Nuclear Facilities	4-5 NOV
PD624	Two-Phase Flow and Heat Transfer	4-5 NOV
MC127	Master Class: Bases and Application of Design Requirements for High Pressure Vessels in ASME Code Section VIII Division 3	4-5 NOV
PD389	ASME BPV Code, Section V: Nondestructive Examination Requirements	4-6 NOV
PD448	ASME BPV Code, Section VIII, Division 2: Design & Fabrication of Pressure Vessels <b>TOP SELLER!</b>	4-6 NOV
PD513	TRIZ- The Theory of Inventive Problem Solving	4-6 NOV
PD584	Centrifugal Compressor Performance Analysis	4-6 NOV
PD615	Nuclear Piping Systems ASME BPV Code, Section III and ASME B31.1: Design, Integrity-Operability Assessment, and Repairs	4-6 NOV
PD635	ASME NQA-1 Quality Assurance Requirements for Nuclear Facility Applications	4-6 NOV
PD683	Probabilistic Structural Analysis, Design and Reliability-Risk Assessment	4-6 NOV
PD793	Six-Sigma for Engineers and Technical Professionals	4-6 NOV
PD632	Design by Stress Analysis per ASME BPV Code, Section III, Division 1: Class 1, 2 and 3 Components	4-7 NOV
PD013	ASME B31.1 Power Piping Code <b>TOP SELLER!</b>	4-8 NOV
PD795	Six-Sigma & Agile Project Management for Engineers Combo Course	4-8 NOV
MC112	Master Class: Materials and Design for High Temperatures	5-6 NOV
PD766	Post Weld Heat Treatments In ASME Codes	7-8 NOV
PD794	Agile Project Management	7-8 NOV
MC104	Master Class: Bases and Application of Heat Exchanger Mechanical Design Rules in ASME BPV Code, Section VIII of	7-8 NOV



NOVEMBER 2019 – SAN DIEGO, CALIFORNIA, USA		GO.ASME.ORG/SANDIEGO
PD475	The Engineering Manager: Engaging Today's Workforce <b>TOP SELLER!</b>	18-19 NOV
PD570	Geometric Dimensioning and Tolerancing Fundamentals 1 <b>TOP SELLER!</b>	18-19 NOV
PD769	Boiler Operation and Maintenance <b>TOP SELLER!</b>	18-19 NOV
MC150	Master Class: Fracture Mechanics and other Methods for Fatigue and Fracture Analysis of Pressure Equipment	18-19 NOV
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks <b>TOP SELLER!</b>	18-20 NOV
PD190	ASME BPV Code, Section IX: Welding, Brazing and Fusing Qualifications <b>TOP SELLER!</b>	18-20 NOV
PD467	Project Management for Engineers and Technical Professionals	18-20 NOV
PD506	Effective Management of Research and Development Teams and Organizations	18-20 NOV
PD515	Dimensioning and Tolerancing Principles for Gages and Fixtures	18-20 NOV
PD618	Problem-solving for Engineers: Root Cause Analysis Fundamentals	18-20 NOV
PD665	ASME BPV Code, Section I: Power Boilers	18-20 NOV
PD685	The Engineering Manager: Engaging Today's Workforce and Strategic Thinking Combo Course	18-20 NOV
PD394	Seismic Design and Retrofit of Equipment and Piping	18-21 NOV
PD603	GD&T Combo Course <b>TOP SELLER!</b>	18-21 NOV
PD620	Core Engineering Management	18-21 NOV
PD771	Boiler Combo Course: Operation, Maintenance, Inspection, Repairs, and Alterations <b>TOP SELLER!</b>	18-21 NOV
PD777	Pipe Sizing, Pipe Wall Stresses and Water Hammer	18-21 NOV
PD798	ASME BPV Code, Section I: Power Boiler Combo Course	18-21 NOV
PD629	Project Management Combo Course <b>TOP SELLER!</b>	18-22 NOV
PD676	Strategic Thinking	20 NOV
PD561	Geometric Tolerancing Applications and Tolerance Stacks <b>TOP SELLER!</b>	20-21 NOV
PD770	Inspection, Repairs, and Alterations of Boilers <b>TOP SELLER!</b>	20-21 NOV
PD797	ASME BPV Code, Section I: Examples & Practical Calculations Methods	21 NOV
PD496	Preparing for the Project Management Professional Certification Exam <b>TOP SELLER!</b>	21-22 NOV
DECEMBER 2019 – NEW ORLEANS, LOUISIANA, USA		GO.ASME.ORG/NEWORLEANS
PD539	Bolted Joints and Gasket Behavior <b>TOP SELLER!</b>	9-10 DEC
PD570	Geometric Dimensioning and Tolerancing Fundamentals 1 <b>TOP SELLER!</b>	9-10 DEC
MC111	Master Class: Piping Vibration Causes and Remedies - a Practical Approach	9-10 DEC
MC110	Master Class: Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	9-10 DEC
MC147	Master Class: Pressure Vessel Design from Concept to Construction Using ASME BPV Code, Section VIII, Division 1	9-11 DEC
PD014	ASME B31.3 Process Piping Design <b>TOP SELLER!</b>	9-11 DEC
PD146	Flow-Induced Vibration with Applications to Failure Analysis <b>TOP SELLER!</b>	9-11 DEC
PD231	Shock and Vibration Analysis <b>TOP SELLER!</b>	9-11 DEC
PD268	Fracture Mechanics	9-11 DEC
PD370	ASME B31.8 Gas Transmission & Distribution Piping Systems	9-11 DEC
PD410	Detail Engineering of Piping Systems	9-11 DEC
PD442	ASME BPV Code, Section VIII, Division 1: Design & Fabrication of Pressure Vessels	9-11 DEC
PD583	Pressure Relief Devices: Design, Sizing, Construction, Inspection and Maintenance	9-11 DEC
PD679	Selection of Pumps and Valves for Optimum System Performance	9-12 DEC
PD184	ASME BPV Code, Section III, Division 1: Rules for Construction of Nuclear Facility Components and USNRC Regulations	9-12 DEC
PD359	Practical Welding Technology	9-12 DEC
PD603	GD&T Combo Course	9-12 DEC
PD192	ASME BPV Code, Section XI: In-service Inspection of Nuclear Power Plant Components	9-13 DEC

DECEMBER 2019 – NEW ORLEANS, LOUISIANA, USA (CONTINUED)		GO.ASME.ORG/NEWORLEANS
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course	9-13 DEC
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course	9-13 DEC
PD601	Bolting Combo Course	9-13 DEC
PD792	Detail Engineering and Layout of Equipment and Piping Systems Combo Course	9-13 DEC
PD386	Design of Bolted Flange Joints	11 DEC
MC117	Master Class: Piping Failures - Causes and Prevention	11 DEC
PD561	Geometric Tolerancing Applications and Tolerance Stacks	11-12 DEC
MC121	Master Class: Design by Analysis Requirements in ASME BPV Code, Section VIII, Division 2 – Alternative Rules	11-13 DEC
PD441	Overview of In-service Codes for Inspections, Repairs and Alterations of Pressure Equipment	12-13 DEC
PD457	ASME B31.3 Process Piping Materials Fabrication, Examination & Testing	12-13 DEC
PD577	Bolted Joint Assembly Principles per ASME PCC-1-2019	12-13 DEC
PD720	Managing and Coordinating Piping Projects	12-13 DEC
MC142	Master Class: ASME B31.8S Integrity Management of Natural Gas Pipelines using ASME B31.8S Standard	12-13 DEC



# ASME Corporate Learning Solutions

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