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Spring 2020

INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS

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SETTING THE STANDARD

Spring 2020 Schedule

INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS

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BOILERS AND PRESSURE VESSELS	
March	Houston, Texas, USA
	Santa Fe, New Mexico, USA
April	Nashville, Tennessee, USA
	Portland, Oregon, USA
May	Las Vegas, Nevada, USA
June	Annapolis, Maryland, USA
	Houston, Texas, USA

BOLTING	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA
June	Houston, Texas, USA

DESIGN AND MATERIALS	
March	Houston, Texas, USA
	Santa Fe, New Mexico, USA
April	Nashville, Tennessee, USA
	Portland, Oregon, USA
May	Las Vegas, Nevada, USA
June	Houston, Texas, USA

ELEVATORS AND ESCALATORS	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA

ENGINEERING MANAGEMENT	
March	Houston, Texas, USA
April	Portland, Oregon, USA
	Nashville, Tennessee, USA
May	Las Vegas, Nevada, USA

FLUIDS AND HEAT TRANSFER	
March	Houston, Texas, USA

GAS TURBINES	
March	Houston, Texas, USA
April	Nashville, Tennessee, USA

GEOMETRIC DIMENSIONING AND TOLERANCING	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA
May	Las Vegas, Nevada, USA
June	Houston, Texas, USA

NUCLEAR	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA
	Nashville, Tennessee, USA
May	Las Vegas, Nevada, USA
June	Annapolis, Maryland, USA

PIPING AND PIPELINES	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA
	Nashville, Tennessee, USA
May	Las Vegas, Nevada, USA
June	Houston, Texas, USA
	Annapolis, Maryland, USA

VERIFICATION AND VALIDATION	
May	Baltimore, Maryland, USA

WELDING	
March	Santa Fe, New Mexico, USA
April	Portland, Oregon, USA
May	Las Vegas, Nevada, USA
June	Houston, Texas, USA

Spring 2020 Schedule

INSTRUCTOR-LED LEARNING SOLUTIONS FOR ENGINEERS

MARCH 2020 - SANTA FE, NEW MEXICO, USA		GO.ASME.ORG/SANTAFE
MC110	Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	MAR 9-10
MC111	Piping Vibration Causes and Remedies - a Practical Approach	MAR 9-10
PD100	Introduction to the Maintenance and Inspection of Elevators and Escalators	MAR 9-10
PD539	Bolted Joints and Gasket Behavior	MAR 9-10
PD570	Geometric Tolerancing Fundamentals 1	MAR 9-10
PD606	NQA-1 Requirements for Computer Software used in Nuclear Facilities	MAR 9-10
PD799	Advanced Topics in Design of Nuclear Components	MAR 9-10
MC147	Practical Approach to Pressure Vessel Design from Concept to Construction Using ASME BPV Code Section VIII, Division 1	MAR 9-11
PD014	ASME B31.3 Process Piping Design	MAR 9-11
PD146	Flow Induced Vibration with Applications to Failure Analysis	MAR 9-11
PD370	ASME B31.8 Gas Transmission and Distribution Piping Systems	MAR 9-11
PD395	API 579-1/ASME FFS-1 Fitness for Service	MAR 9-11
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	MAR 9-11
PD711	ASME NQA-1 and DOE Quality Assurance Rule 10 CFR 830	MAR 9-11
PD184	ASME BPV Code Section III, Division 1: Rules for Construction of Nuclear Facility Components and USNRC Regulations	MAR 9-12
PD359	Practical Welding Technology	MAR 9-12
PD603	Geometric Dimensioning and Tolerancing Combo Course	MAR 9-12
PD632	Design-by-Stress Analysis per ASME BPV Code, Section III, Division 1: Class 1, 2 and 3 Components	MAR 9-12
PD777	Pipe Sizing, Pump Selection, and Water Hammer	MAR 9-12
PD801	Advanced Topics in Design, QA, Materials, Fabrication and Construction of Nuclear Components Combo Course	MAR 9-12
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course	MAR 9-13
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course	MAR 9-13
PD601	Bolting Combo Course	MAR 9-13
PD602	Elevator and Escalator Combo Course	MAR 9-13
PD386	Design of Bolted Flange Joints	MAR 11
MC117	Piping Failures: Causes and Prevention	MAR 11
PD561	Geometric Tolerancing Applications and Tolerance Stacks	MAR 11-12
PD800	Advance Topics in QA, Materials, Fabrication and Construction of Nuclear Components	MAR 11-12
MC121	Design by Analysis Requirements in ASME BPV Code, Section VIII, Division 2: Alternative Rules	MAR 11-13
PD102	How to Perform Elevator Inspections Using ASME A17.2 and ASME Safety Code A17.1	MAR 11-13
MC142	Integrity Management of Natural Gas Pipelines Using ASME B31.8S Standard	MAR 12-13
PD441	Overview of In-Service Codes for Inspections, Repairs and Alterations of Pressure Equipment	MAR 12-13
PD457	ASME B31.3 Process Piping Materials Fabrication, Examination and Testing	MAR 12-13
PD577	Bolted Joint Assembly Principles Per ASME PCC-1-2019	MAR 12-13
MARCH 2020 - HOUSTON, TEXAS, USA		**GO.ASME.ORG/HOUSTON**
MC127	Bases and Application of Design Requirements for High Pressure Vessels in ASME BPV Code, Section VIII, Division 3	MAR 23-24
PD115	The Gas Turbine: Principles and Applications	MAR 23-24
PD475	The Engineering Manager: Engaging Today's Workforce	MAR 23-24
PD624	Two-Phase Flow and Heat Transfer	MAR 23-24
PD764	Positive Displacement Hydraulic Pumps and Actuators	MAR 23-24
PD769	Boiler Operation and Maintenance	MAR 23-24
PD027	Heating, Ventilating and Air-Conditioning Systems: Sizing and Design	MAR 23-25
PD231	Shock and Vibration Analysis	MAR 23-25
PD448	ASME BPV Code, Section VIII, Division 2: Design and Fabrication of Pressure Vessels	MAR 23-25

MARCH 2020 - HOUSTON, TEXAS, USA (CONTINUED)		GO.ASME.ORG/HOUSTON
PD513	TRIZ: The Theory of Inventive Problem Solving	MAR 23-25
PD618	Problem Solving for Engineers: Root Cause Analysis Fundamentals	MAR 23-25
PD665	ASME BPV Code, Section I: Rules for Construction of Power Boilers	MAR 23-25
PD685	The Engineering Manager: Engaging Today's Workforce and Strategic Thinking Combo Course	MAR 23-25
PD793	Six Sigma for Engineers and Technical Professionals	MAR 23-25
PD771	Boiler Combo Course: Operation, Maintenance, Inspection, Repairs, and Alterations	MAR 23-26
PD802	Introduction to Hydraulics for Industry Professionals Combo Course	MAR 23-26
PD795	Six Sigma and Agile Project Management for Engineers Combo Course	MAR 23-27
PD676	Strategic Thinking	MAR 25
MC112	Materials and Design for High Temperatures	MAR 25-26
PD770	Inspection, Repairs, and Alterations of Boilers	MAR 25-26
PD796	Hydraulic Valves and Circuit Design	MAR 25-26
MC104	Bases and Application of Heat Exchanger Design Rules in Section VIII of the ASME Boiler and Pressure Vessel Code	MAR 26-27
PD766	Post Weld Heat Treatments in ASME Codes	MAR 26-27
PD794	Agile Project Management	MAR 26-27
APRIL 2020 - NASHVILLE, TENNESSEE, USA		**GO.ASME.ORG/NASHVILLE**
MC113	Techniques and Methods used in API 579-1/ASME FFS-1 for Advanced Fitness-For-Service (FFS) Assessments	APR 6-7
MC150	Fracture Mechanics and Other Methods for Fatigue and Fracture Analysis of Pressure Equipment	APR 6-7
PD391	ASME B31.4 Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids	APR 6-7
PD445	ASME B31 Piping Fabrication and Examination	APR 6-7
PD706	Inline Inspections for Pipelines	APR 6-7
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks	APR 6-8
PD389	ASME BPV Code, Section V: Nondestructive Examination Requirements	APR 6-8
PD395	API 579-1/ASME FFS-1 Fitness for Service	APR 6-8
PD410	Detail Engineering of Piping Systems	APR 6-8
PD583	Pressure Relief Devices: Design, Sizing, Construction, Inspection and Maintenance	APR 6-8
PD633	Overview of Codes and Standards for Nuclear Power Plants	APR 6-8
PD763	Centrifugal Pumps: Testing, Design, and Analysis	APR 6-8
PD765	Gas Turbine Engines – Controlling Pollutants	APR 6-8
PD620	Core Engineering Management	APR 6-9
PD675	ASME NQA-1 Lead Auditor Training	APR 6-9
PD013	ASME B31.1 Power Piping Code	APR 6-10
PD192	ASME BPV Code, Section XI: Inservice Inspection of Nuclear Power Plant Components	APR 6-10
PD792	Detail Engineering and Layout of Equipment and Piping Systems Combo Course	APR 6-10
MC151	Design-by-Rule (DBR) Methods of ASME Boiler and Pressure Vessel Code Section VIII Division 2	APR 8-9
PD673	Design and Selection of Heat Exchangers	APR 9-10
PD720	Managing and Coordinating Piping Projects	APR 9-10
APRIL 2020 - PORTLAND, OREGON, USA		**GO.ASME.ORG/PORTLAND**
PD100	Introduction to the Maintenance and Inspection of Elevators and Escalators	APR 27-28
PD539	Bolted Joints and Gasket Behavior	APR 27-28
PD570	Geometric Tolerancing Fundamentals 1	APR 27-28
PD146	Flow Induced Vibration with Applications to Failure Analysis	APR 27-29
PD268	Fracture Mechanics	APR 27-29

APRIL 2020 - PORTLAND, OREGON, USA (CONTINUED)		GO.ASME.ORG/PORTLAND
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	APR 27-29
PD467	Project Management for Engineers and Technical Professionals	APR 27-29
PD584	Centrifugal Compressor Performance Analysis	APR 27-29
PD615	Nuclear Piping Systems BPV Code Section III and B31.1: Design, Integrity-Operability Assessment, and Repairs	APR 27-29
PD635	ASME NQA-1 Quality Assurance Requirements for Nuclear Facility Applications	APR 27-29
PD702	Process Safety and Risk Management for Practitioners, Engineers, and Supervisors	APR 27-29
PD014	ASME B31.3 Process Piping Design	APR 27-30
PD359	Practical Welding Technology	APR 27-30
PD603	Geometric Dimensioning and Tolerancing Combo Course	APR 27-30
PD679	Fundamentals of Pumps and Valves and Their Selection for Optimum System Performance	APR 27-30
PD432	Turbo Machinery Dynamics: Design and Operation	APR 27- MAY 1
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course	APR 27- MAY 1
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course	APR 27- MAY 1
PD601	Bolting Combo Course	APR 27- MAY 1
PD602	Elevator and Escalator Combo Course	APR 27- MAY 1
PD629	Project Management Combo Course	APR 27- MAY 1
PD691	Water Hammer, Piping Design, and Failure Analysis	APR 27- MAY 1
PD386	Design of Bolted Flange Joints	APR 29
PD561	Geometric Tolerancing Applications and Tolerance Stacks	APR 29-30
PD102	How to Perform Elevator Inspections Using ASME A17.2 and ASME Safety Code A17.1	APR 29- MAY 1
PD441	Overview of In-Service Codes for Inspections, Repairs and Alterations of Pressure Equipment	APR 30- MAY 1
PD457	ASME B31.3 Process Piping Materials Fabrication, Examination and Testing	APR 30- MAY 1
PD496	Preparing for the Project Management Professional Certification Exam	APR 30- MAY 1
PD577	Bolted Joint Assembly Principles Per ASME PCC-1-2019	APR 30- MAY 1
MAY 2020 - BALTIMORE, MARYLAND, USA		**GO.ASME.ORG/BALTIMORE**
MC133	Verification and Validation in Scientific Computing	MAY 18-19
MC146	Probabilistic and Uncertainty Quantification Methods for Model Verification and Validation	MAY 18-19
MAY 2020 - LAS VEGAS, NEVADA, USA		**GO.ASME.ORG/LASVEGAS**
MC127	Bases and Application of Design Requirements for High Pressure Vessels in ASME BPV Code, Section VIII, Division 3	MAY 18-19
PD475	The Engineering Manager: Engaging Today's Workforce	MAY 18-19
PD567	Design, Analysis, and Fabrication of Composite Structure, Energy, and Machine Applications	MAY 18-19
PD720	Managing and Coordinating Piping Projects	MAY 18-19
PD769	Boiler Operation and Maintenance	MAY 18-19
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks	MAY 18-20
PD190	ASME BPV Code, Section IX: Welding, Brazing, and Fusing Qualifications	MAY 18-20
PD231	Shock and Vibration Analysis	MAY 18-20
PD410	Detail Engineering of Piping Systems	MAY 18-20
PD448	ASME BPV Code, Section VIII, Division 2: Design and Fabrication of Pressure Vessels	MAY 18-20
PD506	Effective Management of Research and Development Teams and Organizations	MAY 18-20
PD515	Dimensioning and Tolerancing Principles for Gages and Fixtures	MAY 18-20
PD618	Problem Solving for Engineers: Root Cause Analysis Fundamentals	MAY 18-20
PD633	Overview of Codes and Standards for Nuclear Power Plants	MAY 18-20
PD665	ASME BPV Code, Section I: Rules for Construction of Power Boilers	MAY 18-20
PD685	The Engineering Manager: Engaging Today's Workforce and Strategic Thinking Combo Course	MAY 18-20

MAY 2020 - LAS VEGAS, NEVADA, USA (CONTINUED)		GO.ASME.ORG/LASVEGAS
PD394	Seismic Design and Retrofit of Equipment and Piping	MAY 18-21
PD771	Boiler Combo Course: Operation, Maintenance, Inspection, Repairs, and Alterations	MAY 18-21
PD777	Pipe Sizing, Pump Selection, and Water Hammer	MAY 18-21
PD798	ASME BPV Code, Section I: Power Boiler Combo Course	MAY 18-21
PD792	Detail Engineering and Layout of Equipment and Piping Systems Combo Course	MAY 18-22
PD676	Strategic Thinking	MAY 20
MC112	Materials and Design for High Temperatures	MAY 20-21
PD770	Inspection, Repairs, and Alterations of Boilers	MAY 20-21
PD797	ASME BPV Code, Section I: Examples and Practical Calculation Methods	MAY 21
MC104	Bases and Application of Heat Exchanger Design Rules in Section VIII of the ASME Boiler and Pressure Vessel Code	MAY 21-22
PD766	Post Weld Heat Treatments in ASME Codes	MAY 21-22
JUNE 2020 - ANNAPOLIS, MARYLAND, USA		**GO.ASME.ORG/ANNAPOLIS**
MC118	Environmentally-Assisted Fatigue Analysis, Monitoring and Management of Nuclear Plant Components	JUN 1-2
MC119	Corrosion and its Mitigation in Light Water Reactors (LWRs)	JUN 1-2
PD389	ASME BPV Code, Section V: Nondestructive Examination Requirements	JUN 1-3
PD711	ASME NQA-1 and DOE Quality Assurance Rule 10 CFR 830	JUN 1-3
PD184	ASME BPV Code Section III, Division 1: Rules for Construction of Nuclear Facility Components and USNRC Regulations	JUN 1-4
PD632	Design-by-Stress Analysis per ASME BPV Code, Section III, Division 1: Class 1, 2 and 3 Components	JUN 1-4
PD644	Design and Fabrication of Nuclear Facility Components	JUN 1-4
PD675	ASME NQA-1 Lead Auditor Training	JUN 1-4
PD013	ASME B31.1 Power Piping Code	JUN 1-5
PD192	ASME BPV Code, Section XI: Inservice Inspection of Nuclear Power Plant Components	JUN 1-5
MC120	Treatment of Beyond Design Basis Events in Risk-Informed Applications	JUN 3
MC115	Run-or-Repair Operability Decisions for Pressure Equipment and Piping Systems in Nuclear Plants	JUN 3-4
JUNE 2020 - HOUSTON, TEXAS, USA		**GO.ASME.ORG/HOUSTON2020**
MC110	Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	JUN 15-16
MC111	Piping Vibration Causes and Remedies - a Practical Approach	JUN 15-16
PD539	Bolted Joints and Gasket Behavior	JUN 15-16
PD570	Geometric Tolerancing Fundamentals 1	JUN 15-16
MC147	Practical Approach to Pressure Vessel Design from Concept to Construction Using ASME BPV Code Section VIII, Division 1	JUN 15-17
PD014	ASME B31.3 Process Piping Design	JUN 15-17
PD190	ASME BPV Code, Section IX: Welding, Brazing, and Fusing Qualifications	JUN 15-17
PD268	Fracture Mechanics	JUN 15-17
PD370	ASME B31.8 Gas Transmission and Distribution Piping Systems	JUN 15-17
PD395	API 579-1/ASME FFS-1 Fitness for Service	JUN 15-17
PD410	Detail Engineering of Piping Systems	JUN 15-17
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	JUN 15-17
PD467	Project Management for Engineers and Technical Professionals	JUN 15-17
PD583	Pressure Relief Devices: Design, Sizing, Construction, Inspection and Maintenance	JUN 15-17
PD763	Centrifugal Pumps: Testing, Design, and Analysis	JUN 15-17
PD359	Practical Welding Technology	JUN 15-18
PD432	Turbo Machinery Dynamics: Design and Operation	JUN 15-18

JUNE 2020 - HOUSTON, TEXAS, USA (CONTINUED)		GO.ASME.ORG/HOUSTON2020
PD603	Geometric Dimensioning and Tolerancing Combo Course	JUN 15-18
PD443	ASME BPV Code, Section VIII, Division 1: Combo Course	JUN 15-19
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course	JUN 15-19
PD601	Bolting Combo Course	JUN 15-19
PD629	Project Management Combo Course	JUN 15-19
PD792	Detail Engineering and Layout of Equipment and Piping Systems Combo Course	JUN 15-19
PD386	Design of Bolted Flange Joints	JUN 17
MC117	Piping Failures: Causes and Prevention	JUN 17
PD561	Geometric Tolerancing Applications and Tolerance Stacks	JUN 17-18
MC121	Design by Analysis Requirements in ASME BPV Code, Section VIII, Division 2: Alternative Rules	JUN 17-19
MC142	Integrity Management of Natural Gas Pipelines using ASME B31.8S Standard	JUN 18-19
PD441	Overview of In-Service Codes for Inspections, Repairs and Alterations of Pressure Equipment	JUN 18-19
PD457	ASME B31.3 Process Piping Materials Fabrication, Examination and Testing	JUN 18-19
PD496	Preparing for the Project Management Professional Certification Exam	JUN 18-19
PD577	Bolted Joint Assembly Principles Per ASME PCC-1-2019	JUN 18-19
PD673	Design and Selection of Heat Exchangers	JUN 18-19
PD720	Managing and Coordinating Piping Projects	JUN 18-19

ASME Corporate Learning Solutions

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ASME L&D LEARNING & DEVELOPMENT

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