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2017

**TRAINING COURSES FOR
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PROFESSIONALS**

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OUTSIDE NORTH AMERICA

The American Society of Mechanical Engineers® (ASME®)



AUG 2017 – MINNEAPOLIS, MINNESOTA USA **Pressure Vessels and Piping Systems at ASME Code Week** **GO.ASME.ORG/MASTERCLASS**

MC142	ASME B31.8S Integrity Management of Natural Gas Pipelines Using ASME B31.8S Standard	ASME MASTERCLASS	ASME STANDARDS COURSE	7–8 AUG
PD723	ASME B31.4 and B31.8, Liquids and Gas Pipelines	ASME STANDARDS COURSE		7–9 AUG
PD643	B31.3 Process Piping Code	ASME STANDARDS COURSE		7–10 AUG
MC159	Secrets to Using ASME Section IX: Welding and Brazing	ASME MASTERCLASS	ASME STANDARDS COURSE TOP SELLER	8 AUG
MC1090	NEW! Pressure Vessel and Piping Failures: Causes, Mitigation and Repair – Case Study Series	ASME MASTERCLASS		9–11 AUG

AUG-SEP 2017 – NEW YORK, NEW YORK USA **GO.ASME.ORG/NEWYORK2**

PD570	Geometric Dimensioning & Tolerancing Fundamentals 1	ASME STANDARDS COURSE		28–29 AUG
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	ASME STANDARDS COURSE	TOP SELLER	28–30 AUG
PD603	GD&T Combo Course	TOP SELLER	(combines PD561 and PD570) SAVE UP TO \$960!	28–31 AUG
PD443	ASME BPV Code, Section VIII, Division 1 Combo Course	ASME STANDARDS COURSE	TOP SELLER (combines PD441 and PD442) SAVE UP TO \$665!	28 AUG –1 SEP
PD561	Geometric Tolerancing Applications and Tolerance Stacks			30–31 AUG
PD441	Inspections, Repairs and Alterations of Pressure Equipment	ASME STANDARDS COURSE	TOP SELLER	31 AUG–1 SEP

SEP 2017 – LAS VEGAS, NEVADA USA **GO.ASME.ORG/LASVEGAS2**

PD100	Introduction to the Maintenance and Inspection of Elevators and Escalators			25–26 SEP
PD475	The Engineering Manager: Engaging Today's Workforce			25–26 SEP
PD570	Geometric Dimensioning and Tolerancing Fundamentals 1	ASME STANDARDS COURSE		25–26 SEP
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks	ASME STANDARDS COURSE	TOP SELLER	25–27 SEP
PD190	BPV Code, Section IX: Welding, Brazing and Fusing Qualifications	ASME STANDARDS COURSE	TOP SELLER	25–27 SEP
PD467	Project Management for Engineers and Technical Professionals	TOP SELLER		25–27 SEP
PD513	TRIZ: The Theory of Inventive Problem Solving	TOP SELLER		25–27 SEP
PD685	The Engineering Manager: Engaging Today's Workforce and Strategic Thinking Combo Course	(combines PD475 and PD676) SAVE UP TO \$510!		25–27 SEP

PD184	BPV Code, Section III, Division 1: The Code and Regulation	ASME STANDARDS COURSE TOP SELLER	25–28 SEP
PD359	Practical Welding Technology	TOP SELLER	25–28 SEP
PD448	BPV Code, Section VIII, Division 2: Design & Fabrication of Pressure Vessels	ASME STANDARDS COURSE TOP SELLER	25–28 SEP
PD603	GD&T Combo Course	TOP SELLER (combines PD561 and PD570) SAVE UP TO \$960!	25–28 SEP
PD632	Design in Codes, Standards and Regulations for Nuclear Power Plant Construction	ASME STANDARDS COURSE	25–28 SEP
PD679	Selection of Pumps and Valves for Optimum System Performance	TOP SELLER	25–28 SEP
PD013	B31.1 Power Piping Code	ASME STANDARDS COURSE TOP SELLER	25–29 SEP
PD192	BPV Code, Section XI: Inservice Inspection of Nuclear Power Plant Components	ASME STANDARDS COURSE TOP SELLER	25–29 SEP
PD602	Elevator and Escalator Combo Course	TOP SELLER (combines PD100 and PD102) SAVE UP TO \$1,020!	25–29 SEP
PD629	Project Management Combo Course	TOP SELLER (combines PD467 and PD496) SAVE UP TO \$755!	25–29 SEP
PD676	Strategic Thinking		27 SEP
PD561	Geometric Tolerancing Applications and Tolerance Stacks		27–28 SEP
PD102	A17.1 Safety Code and A17.2 Inspection Requirements	ASME STANDARDS COURSE	27–29 SEP
PD496	Preparing for the Project Management Professional Certification Exam		28–29 SEP
OCT 2017 – DENVER, COLORADO USA		Piping Training Week	GO.ASME.ORG/DENVER
PD766	Post Weld Heat Treatments In ASME Codes	ASME STANDARDS COURSE NEW!	9–10 OCT
PD370	ASME B31.8 Gas Transmission and Distribution Piping Systems	ASME STANDARDS COURSE TOP SELLER	9–11 OCT
PD410	Detail Engineering of Piping Systems	TOP SELLER	9–11 OCT
PD615	Design and Operability of Nuclear Piping Systems: B31.1 and BPV Code Section III, Division 1, Class 1, 2 & 3	ASME STANDARDS COURSE	9–11 OCT
PD618	Root Cause Analysis Fundamentals		9–11 OCT
PD014	B31.3 Process Piping Design	ASME STANDARDS COURSE TOP SELLER	9–12 OCT
PD394	Seismic Design and Retrofit of Equipment and Piping		9–12 OCT
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course	ASME STANDARDS COURSE TOP SELLER (combines PD014 and PD457) SAVE UP TO \$845!	9–13 OCT
PD457	B31.3 Process Piping Materials Fabrication, Examination & Testing	ASME STANDARDS COURSE	12–13 OCT
PD706	Inline Inspections for Pipelines		12–13 OCT



OCT 2017 – HOUSTON, TEXAS USA

GO.ASME.ORG/HOUSTON2

PD115	The Gas Turbine: Principles and Applications		23–24 OCT
PD391	ASME B31.4 Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids	ASME STANDARDS COURSE TOP SELLER	23–24 OCT
PD027	Heating, Ventilating and Air-Conditioning Systems: Sizing and Design		23–25 OCT
PD231	Shock and Vibration Analysis	TOP SELLER	23–25 OCT
PD268	Fracture Mechanics	TOP SELLER	23–25 OCT
PD395	API 579/ASME FFS-1 Fitness-for-Service Evaluation	TOP SELLER	23–25 OCT
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	ASME STANDARDS COURSE TOP SELLER	23–25 OCT
PD583	Pressure Relief Devices: Design, Sizing, Construction, Inspection and Maintenance	ASME STANDARDS COURSE TOP SELLER	23–25 OCT
PD621	Grade 91 and Other Creep Strength Enhanced Ferritic Steels		23–25 OCT
PD635	ASME NQA-1 Quality Assurance Requirements for Nuclear Facility Applications	ASME STANDARDS COURSE	23–25 OCT
PD720	Layout of Process Piping Systems		23–25 OCT
PD763	Centrifugal Pumps, Testing, Design and Analysis	TOP SELLER	23–25 OCT
PD765	Gas Turbine Engines – Controlling Pollutants	NEW!	23–25 OCT
PD657	HVAC Systems and Chiller Performance Combo Course (combines PD027 and PD387)	SAVE UP TO \$600!	23–26 OCT
PD675	ASME NQA-1 Lead Auditor Training		23–26 OCT
PD772	Electrohydraulic Components and Systems	NEW!	23–26 OCT
PD432	Turbo Machinery Dynamics: Design and Operation		23–27 OCT
PD443	ASME BPV Code, Section VIII, Division 1 Combo Course	ASME STANDARDS COURSE TOP SELLER (combines PD441 and PD442) SAVE UP TO \$665!	23–27 OCT
PD686	Layout of Process Piping Systems and Plant Design Using 3D CAD/CAE and Laser Scanning Technology Combo Course (combines PD720 and PD721)	SAVE UP TO \$755!	23–27 OCT
PD387	Understanding Chiller Performance, Operation and Economics		26 OCT
PD441	Inspections, Repairs and Alterations of Pressure Equipment	ASME STANDARDS COURSE TOP SELLER	26–27 OCT
PD624	Two-Phase Flow and Heat Transfer		26–27 OCT
PD634	Comparison of Global Quality Assurance and Management System Standards Used for Nuclear Application	ASME STANDARDS COURSE	26–27 OCT
PD673	Design and Selection of Heat Exchangers	TOP SELLER	26–27 OCT
PD721	Plant Design and Project Design Using 3D CAD/CAE and Laser Scanning Technology		26–27 OCT

MASTERCLASS SERIES COURSES		Pressure Vessels and Piping	GO.ASME.ORG/HOUSTON3
MC110	Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	ASME STANDARDS COURSE TOP SELLER	23–24 OCT
MC127	Bases and Application of Design Requirements for High Pressure Vessels in ASME Code Section VIII, Division 3	ASME STANDARDS COURSE TOP SELLER	23–24 OCT
MC151	Design by Rule Requirements in ASME Pressure Vessel Code Section VIII, Division 2	ASME STANDARDS COURSE	23–24 OCT
MC111	Piping Vibration Causes and Remedies - a Practical Approach	TOP SELLER	25–26 OCT
MC121	Design by Analysis Requirements in ASME Boiler and Pressure Vessel Code Section VIII, Division 2 – Alternative Rules	ASME STANDARDS COURSE TOP SELLER	25–26 OCT
MC124	Risk-Based Inspection Planning Using ASME and API Standards	ASME STANDARDS COURSE	25–26 OCT
MC112	Materials and Design for High Temperatures		26–27 OCT
MC117	Piping Failures - Causes and Prevention	TOP SELLER	27 OCT
MC123	Fatigue Analysis Requirements in ASME BPV Code Section VIII, Division 2 – Alternative Rules	ASME STANDARDS COURSE TOP SELLER	27 OCT

NOV 2017 – SAN DIEGO, CALIFORNIA USA		GO.ASME.ORG/SANDIEGO
PD382	How to Predict Thermal-Hydraulic Loads on Pressure Vessels and Piping	13–14 NOV
PD077	Failure Prevention, Repair and Life Extension of Piping, Vessels and Tanks	ASME STANDARDS COURSE TOP SELLER 13–15 NOV
PD389	Nondestructive Examination - Applying ASME Code Requirements (Section V)	ASME STANDARDS COURSE TOP SELLER 13–15 NOV
PD410	Detail Engineering of Piping Systems	TOP SELLER 13–15 NOV
PD467	Project Management for Engineers and Technical Professionals	TOP SELLER 13–15 NOV
PD506	Effective Management of Research and Development Teams and Organizations	13–15 NOV
PD513	TRIZ: The Theory of Inventive Problem Solving	TOP SELLER 13–15 NOV
PD619	Risk and Reliability Strategies for Optimizing Performance	13–15 NOV
PD665	ASME BPV Code, Section I: Power Boilers	ASME STANDARDS COURSE TOP SELLER 13–15 NOV
PD702	Process Safety and Risk Management for Engineers and Supervisors	13–15 NOV
PD778	Microbiologically Influenced Corrosion (MIC) in Engineering Terms	NEW! 13–15 NOV
PD359	Practical Welding Technology	TOP SELLER 13–16 NOV
PD448	BPV Code, Section VIII, Division 2: Design & Fabrication of Pressure Vessels	ASME STANDARDS COURSE TOP SELLER 13–16 NOV
PD777	Pipe Sizing, Pump Selection, and Water Hammer	13–16 NOV
PD013	B31.1 Power Piping Code	ASME STANDARDS COURSE TOP SELLER 13–17 NOV
PD629	Project Management Combo Course	TOP SELLER (combines PD467 and PD496) SAVE UP TO \$755! 13–17 NOV
PD496	Preparing for the Project Management Professional Certification Exam	16–17 NOV

NOV - DEC 2017 – BOSTON, MASSACHUSETTS USA		Manufacturing Training Week	GO.ASME.ORG/BOSTON2
PD449	Mechanical Tolerancing for Six Sigma		27–28 NOV
PD539	Bolted Joints and Gasket Behavior		27–28 NOV
PD570	Geometric Dimensioning and Tolerancing Fundamentals 1 ASME STANDARDS COURSE		27–28 NOV
PD721	Plant Design and Project Design Using 3D CAD/CAE and Laser Scanning Technology		27–28 NOV
PD784	NEW! Material Issues & Solutions for Mechanical Engineers		27–29 NOV
PD783	NEW! Designing for Metal-Based Additive Manufacturing		29–30 NOV
PD515	Dimensioning and Tolerancing Principles for Gages and Fixtures		27–29 NOV
PD359	Practical Welding Technology TOP SELLER		27–30 NOV
PD603	GD&T Combo Course TOP SELLER (combines PD561 and PD570) SAVE UP TO \$960!		27–30 NOV
PD601	Bolting Combo Course TOP SELLER (combines PD386, PD539 and PD577) SAVE UP TO \$1,440!		27 NOV–1 DEC
PD386	Design of Bolted Flange Joints		29 NOV
PD561	Geometric Tolerancing Applications and Tolerance Stacks		29–30 NOV
PD782	NEW! 3D Model-Based Enterprise and Model-Based Definition		29–30 NOV
PD567	Design, Analysis and Fabrication of Composite Structure, Energy and Machine Applications		30 NOV–1 DEC
PD577	Bolted Joint Assembly Principles Per PCC-1-2013 ASME STANDARDS COURSE		30 NOV–1 DEC

DEC 2017 – AMSTERDAM, THE NETHERLANDS		Piping and Pipelines	GO.ASME.ORG/AMSTERDAM2
MC110	Bases and Application of Piping Flexibility Analysis to ASME B31 Codes	ASME MASTERCLASS ASME STANDARDS COURSE TOP SELLER	4–5 DEC
PD410	Detail Engineering of Piping Systems TOP SELLER		4–6 DEC
PD621	Grade 91 and Other Creep Strength Enhanced Ferritic Steels		4–6 DEC
PD723	ASME B31.4 and B31.8, Liquids and Gas Pipelines ASME STANDARDS COURSE		4–6 DEC
PD642	B31.1 Power Piping Code ASME STANDARDS COURSE		4–7 DEC
PD643	B31.3 Process Piping Code ASME STANDARDS COURSE		4–7 DEC
MC111	Piping Vibration Causes and Remedies - a Practical Approach	ASME MASTERCLASS TOP SELLER	6–7 DEC
MC117	Piping Failures - Causes and Prevention	ASME MASTERCLASS TOP SELLER	8 DEC

PUBLIC AND MASTERCLASS SERIES COURSES		Pressure Technology	GO.ASME.ORG/AMSTERDAM3
MC113	Techniques and Methods Used in API 579-1/ASME FFS-1 for Advanced Fitness-For-Service (FFS) Assessments ASME STANDARDS COURSE	ASME MASTERCLASS	11–12 DEC
MC127	Bases and Application of Design Requirements for High Pressure Vessels in ASME Code Section VIII, Division 3 ASME STANDARDS COURSE	ASME MASTERCLASS	11–12 DEC
MC150	Fracture Mechanics and Other Methods for Fatigue and Fracture Analysis of Pressure Equipment	ASME MASTERCLASS	11–12 DEC
MC151	Design by Rule Requirements in ASME Pressure Vessel Code Section VIII, Division 2	ASME MASTERCLASS ASME STANDARDS COURSE	11–12 DEC
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	ASME STANDARDS COURSE TOP SELLER	11–13 DEC
PD714	BPV Code, Section VIII, Division 2: Alternative Rules for Construction of Pressure Vessels	ASME STANDARDS COURSE	11–13 DEC
PD716	ASME BPV Code, Section 1: Power Boilers	ASME STANDARDS COURSE	11–13 DEC
PD616	API 579/ASME FFS-1 Fitness-for-Service Evaluation		11–14 DEC
PD443	ASME BPV Code, Section VIII, Division 1 Combo Course	ASME STANDARDS COURSE TOP SELLER (combines PD441 and PD442) SAVE UP TO \$665!	11–15 DEC
MC112	Materials and Design for High Temperatures	ASME MASTERCLASS TOP SELLER	13–14 DEC
MC121	Design by Analysis Requirements in ASME Boiler and Pressure Vessel Code Section VIII, Division 2 – Alternative Rules ASME STANDARDS COURSE TOP SELLER	ASME MASTERCLASS	13–14 DEC
MC124	Risk-Based Inspection Planning Using ASME and API Standards	ASME MASTERCLASS	13–14 DEC
PD441	Inspections, Repairs and Alterations of Pressure Equipment	ASME STANDARDS COURSE TOP SELLER	14–15 DEC
MC123	Fatigue Analysis Requirements in ASME BPV Code Section VIII, Division 2 – Alternative Rules TOP SELLER	ASME MASTERCLASS ASME STANDARDS COURSE	15 DEC
MC135	Using ASME Codes to Meet the EU Pressure Equipment Directive (PED)	ASME MASTERCLASS	TBD (see website for details)
DEC 2017 – NEW ORLEANS, LOUISIANA USA		GO.ASME.ORG/NEWORLEANS2	
PD539	Bolted Joints and Gasket Behavior		11–12 DEC
PD606	ASME NQA-1 Requirements for Computer Software Used in Nuclear Facilities	ASME STANDARDS COURSE	11–12 DEC
PD769	Boiler Operation and Maintenance	ASME STANDARDS COURSE	11–12 DEC
PD146	Flow-Induced Vibration with Applications to Failure Analysis	TOP SELLER	11–13 DEC
PD190	BPV Code, Section IX: Welding, Brazing and Fusing Qualifications	ASME STANDARDS COURSE TOP SELLER	11–13 DEC
PD442	ASME BPV Code, Section VIII, Division 1: Design and Fabrication of Pressure Vessels	ASME STANDARDS COURSE TOP SELLER	11–13 DEC
PD515	Dimensioning and Tolerancing Principles for Gages and Fixtures		11–13 DEC

DEC 2017 – NEW ORLEANS, LOUISIANA USA (CONTINUED)

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PD584	Centrifugal Compressor Performance Analysis		11–13 DEC
PD633	Overview of Nuclear Codes and Standards for Nuclear Power Plants	ASME STANDARDS COURSE	11–13 DEC
PD683	Probabilistic Structural Analysis, Design and Reliability-Risk Assessment		11–13 DEC
PD014	B31.3 Process Piping Design	ASME STANDARDS COURSE TOP SELLER	11–14 DEC
PD184	BPV Code, Section III, Division 1: The Code and Regulation	ASME STANDARDS COURSE TOP SELLER	11–14 DEC
PD395	API 579/ASME FFS-1 Fitness-for-Service Evaluation	TOP SELLER	11–14 DEC
PD622	ASME BPV Code: Plant Equipment Requirements	ASME STANDARDS COURSE	11–14 DEC
PD679	Selection of Pumps and Valves for Optimum System Performance	TOP SELLER	11–14 DEC
PD764	Introduction to Hydraulic Systems for Industry Professionals		11–14 DEC
PD771	Boiler Operation and Maintenance with Inspection, Repairs and Alterations Combo Course (combines PD769 and PD770)	ASME STANDARDS COURSE SAVE UP TO \$750!	11–14 DEC
PD192	BPV Code: Section XI: Inservice Inspection of Nuclear Power Plant Components	ASME STANDARDS COURSE TOP SELLER	11–15 DEC
PD443	ASME BPV Code, Section VIII, Division 1 Combo Course (combines PD441 and PD442)	ASME STANDARDS COURSE TOP SELLER SAVE UP TO \$665!	11–15 DEC
PD581	ASME B31.3 Process Piping Design, Materials, Fabrication, Examination and Testing Combo Course (combines PD014 and PD457)	ASME STANDARDS COURSE TOP SELLER SAVE UP TO \$845!	11–15 DEC
PD601	Bolting Combo Course (combines PD386, PD539 and PD577)	TOP SELLER SAVE UP TO \$1,440!	11–15 DEC
PD445	ASME B31 Piping Fabrication and Examination	ASME STANDARDS COURSE	12–13 DEC
PD386	Design of Bolted Flange Joints		13 DEC
PD770	Inspection, Repairs and Alterations of Boilers	ASME STANDARDS COURSE	13–14 DEC
PD441	Inspections, Repairs and Alterations of Pressure Equipment	ASME STANDARDS COURSE TOP SELLER	14–15 DEC
PD457	B31.3 Process Piping Materials Fabrication, Examination & Testing	ASME STANDARDS COURSE	14–15 DEC
PD577	Bolted Joint Assembly Principles Per PCC-1-2013	ASME STANDARDS COURSE	14–15 DEC

ASME E-LEARNING COURSES

Visit go.asme.org/elearning

Online Instructor Supported Courses

	go.asme.org/elearning
Advanced Finite Element Analysis TOP SELLER	EL508
Advanced Geometric Dimensioning and Tolerancing (GD&T) – Y14.5 TOP SELLER	EL506
BPV Code, Section III Advanced Design and Construction	EL524
BPV Code, Section III Introduction TOP SELLER	EL509
BPV Code, Section IX Welding & Brazing Qualifications	EL516
BPV Code, Section VIII, Division 1 Design & Fabrication of Pressure Vessel TOP SELLER	EL501
BPV Code, Section VIII, Division 2: Design & Fabrication of Pressure Vessels TOP SELLER	EL502
Comparison of Global Assurance & Management System Standards Used for Nuclear Application	EL526
Compressors and Process Fit for Mechanical Engineers	EL545
Developing Products	EL530
Drawing Interpretation TOP SELLER	EL504
Financial Resource Management	EL533
FRP Piping Fabrication and Installation Processes	EL522
Inservice Testing of Pumps	EL523
Inservice Testing of Valves	EL521
Inspection, Repairs and Alterations of Pressure Equipment	EL503
Introduction to Computational Fluid Dynamics	EL513
Introduction to Finite Element Analysis TOP SELLER	EL507
Introduction to Geometric Dimensioning & Tolerancing (GD&T) – Y14.5 TOP SELLER	EL505
Leadership & Organizational Management: Leading Individuals and Engineering Project Teams	EL532
Lean Manufacturing	EL525
Marketing, Sales and Communications for Engineers	EL531
NQA-1 Quality Assurance Requirements for Nuclear Facility Applications	EL520
Principles of Welding	EL515
Project Management for Engineers	EL511
Risk-Informed Inservice Testing Program	EL527
Strategic Planning	EL534
The Bolted Joint TOP SELLER	EL512
Two-Phase Flow and Heat Transfer	EL510

Online Self-Study Courses

	visit go.asme.org/elearning
ASME Probabilistic Risk Assessment (PRA) Standard	EL541
Basic Gas Turbine Engine Technology	EL540
BPV Code, Section III, Division 1: Class 1 Piping Design	EL542
BPV Code, Section III, Division 1: Class 2 & 3 Piping Design	EL543
Design of Buried High Density Polyethylene (HDPE) Pipe	EL544
FE Review	EL537
Heating, Ventilation and Air-Conditioning (HVAC)	EL538
Hydraulic Design of Gas or Vapor Systems	EL546
Hydraulic Design of Liquid or Water Piping Systems	EL539

Online Fundamentals of Rigging Engineering Courses

	visit go.asme.org/rigging
Alternative Load Handling Equipment Engineering & Applications	RE-140
Crane & Derrick Engineering, Installation & Planning	RE-120
Engineering Principles for Rigging & Load Handling	RE-110
Lift Planning Procedure, Considerations & Execution	RE-150
Rigging & Load Handling Equipment Engineering & Applications	RE-130
Specialized Transport Planning & Engineering Considerations	RE-160
Standards & Regulations for Load Handling Equipment	RE-170

Online Assessment Based Courses

	visit go.asme.org/abc
ASME B46.1-2009 – Introduction to Surface Texture Measurement and Analysis NEW!	ZABC39
ASME Boiler & Pressure Vessel Certification Process	ZABC 9
ASME MFC-5.3-2013 – Using Doppler Ultrasonic Flowmeters	ZABC65
ASME Standards & Certification FREE! (see web site for details)	ZABC19
ASME/ANS RA-S Standard for Level 1/Large Early Release Frequency PRA for NPP Applications NEW!	ZABC55
Basic Gas Turbine Engine Technology	ZABC49
Changing Organizational Culture	ZABC 8
Communicating to a Non-Technical Audience	ZABC67
Creating Effective Technical Presentations	ZABC66
Energy Choices: The Facts, Challenges and Limitations of Energy Sources	ZABC 1
Engineering Opportunities in the Energy Industry NEW!	ZABC70
Essentials – A17.1/CSA B44 Safety Code for Elevators and Escalators	ZABC53

Online Assessment Based Courses (continued)

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Essentials – A17.6 Standard for Elevator Suspension, Compensation, and Governor Systems	ZABC28	Essentials – Y14.1/Y14.2/Y14.3 NEW!	ZABC74
Essentials – A18.1 Safety Standard for Platform Lifts and Stairway Chairlifts NEW!	ZABC58	Essentials – Y14.5-2009 Dimensioning and Tolerancing	ZABC73
Essentials – ASME BPV Code, Section III: Subsection NCA NEW!	ZABC57	Essentials – Y14.8-2009 Castings, Forgings and Molded Parts	ZABC32
Essentials – ASME Nuclear Air and Gas Treatment (CONAGT)	ZABC46	Ethics for Engineers: Doing the Right Thing When No One is Looking	ZABC 3
Essentials – ASME PTC 19.3 TW Performance Test Code on Thermowells	ZABC80	Execution: How to Get Results	ZABC 7
Essentials – B133.8-2011 Gas Turbine Installation Sound Emissions	ZABC44	Financial Resource Management For Engineers	ZABC40
Essentials – B30 Safety Standard	ZABC27	Fundamentals of Nanomanufacturing and Applications	ZABC25
Essentials – B31.1 Power Piping Code	ZABC14	Fundamentals of Nanometrology	ZABC24
Essentials – B31.3 Process Piping Code	ZABC15	Guide to Mobile Crane Standards	ZABC54
Essentials – B31.4 Pipeline Transportation Systems for Liquids and Slurries NEW!	ZABC50	How to Get an N Stamp - Conformity Assessment, Requirements and Procedures	ZABC 4
Essentials – B31.8 Gas Transmission & Distribution Piping Systems	ZABC12	Hydraulic Design of the Pumping Circuit NEW!	ZABC64
Essentials – Basic Concepts of PTC-19.1 Test Uncertainty NEW!	ZABC31	Introduction to Additive Manufacturing FREE! (see web site for details)	ZABC81
Essentials – Bioprocessing Equipment (BPE)	ZABC13	Introduction to ASME Elevator Codes	ZABC82
Essentials – BPV Code, Section III, Division 1: Rules for Construction of Nuclear Facility Components	ZABC20	Introduction to the Selection of Pumps	ZABC42
Essentials – BPV Code, Section IV: Rules for Construction of Heating Boilers	ZABC35	Introduction to the Selection of Valves	ZABC43
Essentials – BPV Code, Section IX: Welding & Brazing Qualifications	ZABC18	Marketing, Sales and Communications for Engineers	ZABC41
Essentials – BPV Code, Section V: Nondestructive Examination	ZABC17	Nano Systems for Applications in Water, Energy, Chemical and Biological Separations	ZABC23
Essentials – BPV Code, Section VIII, Division 3: Alternative Rules for the Construction of High Pressure Vessels	ZABC11	Nanocoatings for Enhanced Thermal Engineering	ZABC21
Essentials – BPV Code, Section XI, Division 1: Rules for Inservice Inspection of Nuclear Plant Components - A Detailed Overview NEW!	ZABC51	Nanocomposites Technology and Its Impact on Engineering	ZABC22
Essentials – BPV Code, Section XII: Rules for the Construction and Continued Service of Transport Tanks	ZABC10	Nano-Materials in Metals	ZABC26
Essentials – CSD-1 Controls and Safety Devices for Automatically Fired Boilers	ZABC48	NQA-1 Part 1 – 18 QA Requirements	ZABC 5
Essentials – PCC-2 Repair of Pressure Equipment and Piping NEW!	ZABC59	NQA-1 Practical Application	ZABC29
Essentials – Performance Test Codes PTC 4 – Fired Steam Generators NEW!	ZABC52	Technical Writing for Engineers: Giving Readers What They Need	ZABC 2
Essentials – PTC 25 Pressure Relief Devices	ZABC36	Total Quality Management	ZABC 6
Essentials – PTC 46 Overall Plant Performance NEW!	ZABC68	Your Career as a Mechanical Engineer: 5 Things You Should Know FREE! (see web site for details)	ZABC71
Essentials – PTC 6 Testing Steam Turbines NEW!	ZABC37		
Essentials – PVHO-1 Safety Standard	ZABC16		
Essentials – Rules for Construction of Single-Failure-Proof Cranes and Cranes in ASME NOG-1 and ASME NUM-1	ZABC38		

Cursos de Autoestudio

go.asme.org/shopcourses

Introducción a las Normas y Programas de Certificación de ASME GRATIS!	ZABC72
ASME PTC-25 – Código de Pruebas de Desempeño para Dispositivos de Alivio de Presión	ZABC78
ASME/ANS RA-S Nucleares-Estándar para Análisis Probabilístico de Seguridad Nivel 1	ZABC56
Aspectos Esenciales del Código ASME B31.1 de Tuberías de Potencia NUEVO!	ZABC79

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Aspectos Esenciales del Código B31.8 – Sistemas de Tuberías de Transmisión y Distribución de Gas NUEVO!	ZABC85
Aspectos Esenciales del Código ASME B31.3 de Tuberías de Proceso NUEVO!	ZABC83

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Análisis Vibracional en Equipos Rotativos y Mantenimiento Predictivo - Nivel I	ZI510
Código ASME B 31.1 Tuberías de Vapor y Sistemas de Potencia	ZI520
Código ASME B 31.3 Tuberías de Proceso de Refinerías y Plantas Químicas	ZI570
Código ASME B 31.4 Tuberías de Transporte de Hidrocarburos Líquidos y Otros Líquidos	ZI590
Código ASME B 31.8 Tuberías de Transporte y Distribución de Gas	ZI580
Código ASME Sección IX - Soldadura: Desarrollo y Calificación de Procedimientos y Soldadores	ZI540
Código ASME Sección VIII Div. 1 Diseño, Construcción e Inspección de Tanques y Recipientes de Presión	ZI511
Curso de Preparación para Examen de Certificación en Dimensiones y Tolerancias Geométricas	ZI638
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Ensayo de Performance de Calderas Industriales según ASME PTC 4-2008	ZI657
Gerencia de Proyectos de Mantenimiento	ZI644
Gerencia de Proyectos para Ingenieros, Profesionales y Técnicos	ZI620
Gestión de Integridad de Recipientes, Calderas y Tuberías a Presión	ZI512
Gestión y Optimización de Inventarios en Mantenimiento	ZI647
Inspección Basada en Riesgo I - Un Sistema Integrado de Análisis de Riesgo, Aptitud para el Servicio y Análisis de F	ZI514
Inspección Basada en Riesgo II	ZI621
Introducción a la Tecnología de Soldadura	ZI515
Introducción a las Normas y Códigos para el Mantenimiento de Recipientes, Calderas y Tuberías	ZI513
Mantenimiento Centrado en Confiabilidad - MCC	ZI550
Mantenimiento Productivo Total (TPM)	ZI635
Operación y Mantenimiento de Calderos Industriales	ZI659

Optimización Energética de Sistemas de Aire Comprimido bajo el estándar ASME EA 4-2010	ZI656
Seguridad Operativa en el Manejo de Equipos de Izajes	ZI641
Selección y Cálculo de Dispositivos de Alivio de Presión según ASME I, VIII y PTC 25	ZI658
Sistema de Extracción por Bombeo Electrosumergible (BES)	ZI655
Sistemas de Alivio y Venteo, Selección de Válvulas de Seguridad y Alivio según API 521 & 520	ZI642
Soldadura de Oleoductos, Gasoductos y Otras Tuberías según API 1104	ZI600

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ASME B31.8 – Sistemas de Tubulação de Distribuição e Transmissão de Gás	ZABC62
Fundamentos sobre o Código ASME B31.3 Tubulação de Processo	ZABC61
Introdução às Normas e Certificação da ASME LIVRE! (Veja o site)	ZABC60



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