

Course Number	Course Title		Description	Reference Material	Duration Hours	Delivery Method
API 103	API 1104	22nd Edition	Course focuses on code content for Inspection personnel assigned to process pipeline fabrication/construction	Mastery Level	API-1104	20 Hrs. Face to Face
API 104	API-1104 (Train -the-Trainer)	22nd Edition	Course focuses on code content for Education personnel assigned to teach pipeline fabrication/construction	Mastery Level	API-1104	30 Hrs. Face to Face
API 105	API 570	5th Edition	Course includes instruction in the principles of Piping Inspection Intended for technical employees with pipeline operations/design experience	Knowledge Level	API-570	20Hrs. Face to Face
API 106	API 571 Damage Mechanisms Affecting Fixed Equipment	3rd Edition	Course includes instruction in the principles of evaluating damage mechanisms and associated preventive and corrective measures.	Mastery Level	API-571	20Hrs. Face to Face
API 107	API 580 Risk Based Inspection	4th Edition	Course includes instruction in the determination of risks that should drive inspection frequency and depth based on statistical and other factors	Mastery Level	API-580	20Hrs. Face to Face
Weld-101	Introduction to Welding and Cutting	Class Room & Laboratory	Course focuses on technical content and practical laboratory exercises that teach engineers and technicians the principles of cutting and welding processes. Laboratory exercises provide students with a cutting and	Introductory Level	Student Handbook	40 Hrs. Face to Face
PT-100	Dye Penetrant Testing		Course focuses on the theory and practical application of both water water soluble and solvent based color contrast penetrants. Lab included. Inspectors and Quality Professionals.	Mastery Level	ASME Sect V NDE Handbook Hellier	8 Hrs. Face to Face
PT-101	PT Procedure development		Course focuses on development of procedures for application and interpretation of PT tests. For NDE Techs/ Inspectors.	Mastery Level	ASME Sect V NDE Handbook Hellier	4 Hrs. F-F/Self
MT-100	Magnetic Particle Testing Basics		Course focuses on theory and practical application of field and laboratory use of Mag Particle testing (color contrast and fluorescent method) using yolk, probes and bench testers. Lab. Included. For NDE Techs/Inspectors.	Mastery Level	ASME Sect V NDE Handbook Hellier	8 Hrs. Face to Face
MT-101	MT - Procedure Development		Course focuses on development of procedures for application and interpretation of MT tests. For NDE Techs/ Inspectors.	Mastery Level	ASME Sect V NDE Handbook Hellier	4 Hrs. F-F/Self
PV-100	Intro. To Pressure Vessel Inspection		Course focuses on inspection of pressure vessels covered by D-1 provisions of the Section VIII Code. For Inspectors	Mastery Level	ASME Sect. VIII "Inspection & Testing"	8 Hrs. Face to Face
D1.5-100	CWI Part "C" Preparation	AWS D1.5:2025 "Bridge Code"	Course focuses on sections of D1.5 that contain requirements for inspection and testing, materials, Fracture Critical Elements and welds. For CWI Test applicants.	Mastery Level	AWS D1.5 AWS QC-1 AWS B5.1	20 Hrs. Face to Face
D1.5-200	CWI Part "C" Preparation	AWS D1.5:2025 "Bridge Code"	Course includes WPS/PQR/WPQ sections of AWS D1.5. Compares requirements for procedure development to AWS D1.1. Offered with D1.5-100. CWI exam applicants.	Knowledge Level	AWS D1.5 WPS Check List PQR Check List	8 Hrs. Face to Face
D1.1-100	CWI Part "C" Preparation	AWS D1.1 Structural Code	Course includes preparation for the CWI Part "C" Examination preparation for inspectors, welders and NDE Personnel.	Mastery Level	AWS D1.1 QC-1 AWS B5.1	20 Hrs. Face to Face
API-100	CWI Part "C" Preparation	API-1104	Course includes preparation for the CWI Part "C" Examination preparation for inspectors, welders, and NDE personnel.	Mastery Level	API 1104 QC-1 AWS B5.1	20 Hrs. Face to Face

WPQ 101	WPQ Endorsement Prep.	Course includes procedures from several codes and standards used in industry to qualify welders to WPS contents. For Inspection Personnel.	Mastery Level	AWS D1.1 API-1104 ASME IX	2-days 16 Hrs.	Face to Face
CWI -100	CWI Part "A" Preparation	Course focuses on topics covered in the AWS Certification Exam part "A" Presentation focused on Inspection and Welding Personnel.	Mastery Level	Welding Inspection Handbook AWS QC-1 AWS B5.1	40 Hrs.	Face to Face
CWI -101	CWI Part A Train the Trainer	Course introduces topics in developing materials and pedagogy for producing instruction materials for the AWS CWI Part A examination. The principles taught have application to other course development and includes instruction in: learning types, instructional forms, course assessments, teaching styles, and others.	Mastery Level	Welding Inspection Handbook AWS QC-1 AWS B5.1	80 Hrs.	Face to Face
B31.3-100	ANSI/ASME B31.3 "Process Piping"	Course focuses on CODE contents for Engineers and Metallurgists assigned to projects heavy in process piping.	Mastery Level	ASME B31.3	40 Hrs.	Face to Face
B31.3-200	ANSI/ASME B31.3 "Process Piping" with focus on Owner's Inspector.®	Course focuses on Definition of Owner's Inspector Qualifications and Functions in both B31.3 and B31.1 Course designed for Inspectors.	Familiarity & Knowledge Level	ASME B31.3 ASME B31.1	8 Hrs.	Face to Face
B31.4-100	ANSI/ASME B31.4 "Pipeline Transportation Systems for Liquids and Slurries"™	Course focuses on CODE contents for Engineers and Managers assigned to projects heavy in process piping.	Familiarity-level	ASME B31.4	24 Hrs.	Face to Face
B31.8-100	ANSI/ASME B31.8 "Gas Transmission and Distribution Piping Systems"	Course focuses on CODE contents for Engineers and Managers assigned to projects heavy in process piping.®	Familiarity-level	ASME B31.8	24 Hrs.	Face to Face
B31.1-100	ANSI/ASME B31.1 "Power Piping"	Course focuses on CODE contents for Engineers and Managers assigned to projects for power piping systems as defined in ASME B31.1	Familiarity-level	ASME B31.1	24 Hrs.	Face to Face
WPS-210	WPS Check List Development	Course introduces methods for developing WPS check lists for selected Codes that are used to aid Inspectors and Engineers in developing a tool for WPS evaluation.	Mastery Level	AWS D1.1 API-1104 ASME IX	8 Hrs.	Face to Face
Mech.-100	Mechanical Testing	Course focuses on topics related to mechanical testing of welds and base metals including CNT, Micro-hardness, Rockwell and Brinell, Tensile, and bend testing. Intended for inspectors and technicians.	Knowledge Level	Mechanical Testing of Eng. Materials Second Ed.	40 Hrs.	Face to Face
Mech-200	Mechanical Testing	Course focuses on Practical aspects of mechanical testing of various materials (Metallic) in a laboratory setting - Tensile, Hardness, Micro-Hardness, impact, nick-break, bend testing. Intended for Inspectors & Engineers.®	Mastery Level	Slides Laboratory Equip.	8 Hrs.	Face to Face
NDE-100	Introduction to NDE	Course focuses on topics related to theory and practical applications of NDE including VT, PT, MT, RT, UT, PAUT, and AET. Intended for inspectors, technicians, and engineers.	Knowledge Level	Non-destructive Evaluation Hellier ASME Sect. V®	24 Hrs.	Face to Face
CNST-100	Construction Contracting	Course teaches elements of Construction contracting for engineers and technicians assigned to construction projects as Project Engineers, Project Managers, Procurement Specialists, Scheduling, and Cost specialists	Knowledge Level	Contracting for Engineering and Construction Projects®	40 Hrs.	Face to Face
CWI/B-01	CWI Part "B" Exam Prep	Course takes students through the principles of Visual Inspection to prepare for the AWS CWI-Part "B" examination. Explores basic principles of visual inspection, WPS and WPQ fundamentals. Target audience is applicants for the CWI examination series by AWS.	Mastery Level	AWS Book of Standards	24 Hrs.	Face to Face
CONC-100	Pre-stressed Concrete	Course teaches elements of concrete construction in a facility producing pre-stressed concrete members. Includes principles of concrete batch design, placement of steel strands for reinforcement, imbeds, testing concrete recipes, collecting test material for later testing (compressive strength) assessment of camber, and repair of surface defects.®	Knowledge Level	PCI Section 34100 DOT Std. - State	8 Hrs.	Face to Face

CMGT-100	Methods/Materials for Construction Projects	Courses teaches elements of Construction Methods and materials, economics of equipment (capabilities, own VS rent, costs) estimating, site preparation, excavation/fill, soil conditioning, scheduling, and general construction business practices. Target audience is supervisors and mid-level managers with an interest in construction management.	Familiarity and Knowledge Level	Construction Planning, Equipment & Methods	40 Hrs.	Face to Face
API-108	Pressure Vessel Inspection	Course teaches elements of pressure vessel inspection contained in API - 510 "Pressure Vessel Inspection Code: In-service Inspection , Rating, Repair, and Alteration, 11th Edition". Elements of inspection and assessment that ensures the continued serviceability and safety of pressure vessels. Incorporates Client's specifications, and vessel design considerations to ensure that inspectors incorporate both API and employer requirements.	Familiarity and Knowledge Level	API 510 11th Edition	30 Hrs.	Face to Face
DIS-100	Distortion and Weld Sequencing	Course teaches causes and corrective measures for distortion including heat control, fixturing, and weld sequencing specifically for the maritime industry.	Knowledge Level	AWS D3.5	16 Hrs.	Face to Face
END-100	Endorsement Training for Welding Coordination and Quality Control	Course prepares students seeking to successfully navigate the AWS CWI/SCWI Endorsement for Welding Coordinator and Quality Control	Knowledge Level	AWS B5.17 AWS QC47 ISO 3834	16 Hrs.	Face to Face
END-100	Endorsement Training for Welding Coordination and Quality Control	Course prepares students seeking to successfully navigate the AWS CWI/SCWI Endorsement for Welding Coordinator and Quality Control	Knowledge Level	AWS B5.17 AWS QC47 ISO 3834	16 Hrs.	Face to Face
END-200	Endorsement Training for NDE Coordinator	Course prepares students seeking to successfully navigate the AWS CWI/SCWI Endorsement for NDE Coordination	Knowledge Level	AWS B5.17 AWS B1.10 ISO 9001 ASTM Various ASNT CP9712 SNT -TC- 1A	16 Hrs.	Face to Face
END-300	Endorsement Training for Welding Procedure Qualifier	Course prepares students seeking to successfully navigate the AWS CWI/SCWI Endorsement for Welding Procedure Qualifier	Knowledge Level	AWS D1.1 AWS B2.1 AWS B5.1 AWS D1.5	16 Hrs.	Face to Face
END-400	Endorsement Training for Welding Performance Qualifier	Course prepares students seeking to successfully navigate the AWS CWI/SCWI Endorsement for Welder Performance Qualifier	Knowledge Level	AWS D1.1 AWS B2.1 AP 1104 ISO 9606 ISO14732	16 Hrs.	Face to Face