NECI TRAINING SUBSCRIPTION:

AVAILABLE COURSES

Course Code	Category	Description
AUTF-001	Automation Foundations	Evolution of PLC and DCS
AUTF-002	Automation Foundations	Bits, Bytes, and Words
AUTF-003	Automation Foundations	Class and Composite Structures
AUTF-004	Automation Foundations	Process Control Foundations
AUTF-010	Automation Foundations	Discrete Devices and Signals
UTF-011	Automation Foundations	Measurement 101
AUTF-012	Automation Foundations	Variable Frequency Drives
AUTF-020	Automation Foundations	Electrical Overview
AUTF-021	Automation Foundations	Power Supply and UPS Sizing
AUTF-022	Automation Foundations	Heat and Power Calculations
AUTF-030	Automation Foundations	Virtual Machines
AUTF-031	Automation Foundations	Switches and Networking
AUTF-040	Automation Foundations	Ladder Logic
AUTF-050	Automation Foundations	Industry 1.0 to 5.0
AUTF-051	Automation Foundations	IT-OT Convergence
CCON-001	Continuous Control	PID Control
CCON-002	Continuous Control	Cascade Control
CCON-003	Continuous Control	Split Range Control
CCON-004	Continuous Control	Ratio Control
CCON-005	Continuous Control	Gap Control
CCON-010	Continuous Control	Discrete Control and Logic Gates
CCON-011	Continuous Control	Pulse Width Modulation Control
IOCM-001	I/O and Communications	Traditional I/O and CHARMs
IOCM-010	I/O and Communications	Bus Technologies
IOCM-011	I/O and Communications	AS-i Bus
IOCM-012	I/O and Communications	DeviceNet
IOCM-013	I/O and Communications	Foundation Fieldbus
IOCM-014	I/O and Communications	Profibus and ProfiNet
IOCM-020	I/O and Communications	Modbus
IOCM-021	I/O and Communications	Ethernet (EIOC)
IOCM-022	I/O and Communications	Virtual I/O (VIM)
IOCM-030	I/O and Communications	OPC Communications
IOCM-031	I/O and Communications	OPC Mirror and Tunneller
IOCM-032	I/O and Communications	PK Native OPC
IOCM-040	I/O and Communications	Wireless
DVSA-001	DeltaV System Applications	DeltaV System Overview
DVSA-002	DeltaV System Applications	Architecture, Setup, and Installation

Course Code	Category	Description
DVSA-003	DeltaV System Applications	Hardware Overview
DVSA-004	DeltaV System Applications	Licensing Overview
DVSA-010	DeltaV System Applications	Explorer and Control Studio
DVSA-011	DeltaV System Applications	Explorer
DVSA-012	DeltaV System Applications	Control Studio
DVSA-020	DeltaV System Applications	Parameter, Field, and Function Security
DVSA-021	DeltaV System Applications	User Management
DVSA-022	DeltaV System Applications	Diagnostics and Troubleshooting
DVSA-023	DeltaV System Applications	Database Administration
DVSA-024	DeltaV System Applications	VCAT
DVSA-030	DeltaV System Applications	Continuous and Batch Historians
DVSA-031	DeltaV System Applications	Continuous Historian
DVSA-032	DeltaV System Applications	Process History View
DVSA-033	DeltaV System Applications	Batch Historian
DVSA-040	DeltaV System Applications	Batch Executive and Campaign Manager
DVSA-041	DeltaV System Applications	Batch Operator Interface
DVSA-042	DeltaV System Applications	Active Step Change
DVSA-043	DeltaV System Applications	Recipe Studio
DVSA-050	DeltaV System Applications	Books Online and PCSD Books Online
DVSA-060	DeltaV System Applications	SIS
DVSA-070	DeltaV System Applications	Bulk Edit
BCON-001	Batch Control	Defining EM Boundaries
BCON-002	Batch Control	State Driven EMs
BCON-003	Batch Control	Command Driven EMs
BCON-010	Batch Control	Phase Logic
BCON-011	Batch Control	Task pointers
BCON-012	Batch Control	Parameter Management
BCON-020	Batch Control	Units and Aliasing
BCON-030	Batch Control	Recipe Configuration
BCON-031	Batch Control	Flat Recipe Concept
REGC-001	Regulatory Compliance	cGMP
REGC-002	Regulatory Compliance	GDocP
REGC-003	Regulatory Compliance	Data Integrity
REGC-010	Regulatory Compliance	GAMP
DRAW-001	Drawings	PFDs
DRAW-002	Drawings	P&IDs
DRAW-003	Drawings	SAMAs and ISA Functional Drawings
DRAW-004	Drawings	Loop Sheets
DISP-001	Graphic Displays	P&ID to Graphic Display Translation
DISP-010	Graphic Displays	Operate and VBA
DISP-011	Graphic Displays	Operate Library Objects
DISP-020	Graphic Displays	Live
DISP-021	Graphic Displays	Live Library Objects

Course Code	Category	Description
STND-001	Industry Standards	ISA S5.1 – Symbols
STND-002	Industry Standards	ISA S18.2 – Alarms
STND-010	Industry Standards	ISA S88 – Batch
STND-020	Industry Standards	ISA S95 – Enterprise-Control System
EMSN-001	Emerson	PCSD Control Modules
EMSN-002	Emerson	PCSD EM Shells
EMSN-010	Emerson	PCSD Unit and Phase Shells
EMSN-011	Emerson	PCSD Failure Propagation
EMSN-020	Emerson	Mimic
EMSN-030	Emerson	PROVOX
PMLD-001	Project Leadership	FEED Study
PMLD-002	Project Leadership	Project Execution Plan (PEP)
PMLD-003	Project Leadership	Leading an Automation Project
PMLD-004	Project Leadership	Tech Lead as a Mentor
PMLD-010	Project Leadership	Risk Assessments
PMLD-011	Project Leadership	HAZOP
LSOP-001	Life Science Operations	Life Science Industry Overview
LSOP-002	Life Science Operations	Life Science Supporting Utilities
LSOP-003	Life Science Operations	Single-Use Technology
LSOP-004	Life Science Operations	CIP and SIP
LSOP-005	Life Science Operations	Serialization and Labelling
LSOP-010	Life Science Operations	Cell and Gene Therapies
LSOP-020	Life Science Operations	Cell Banking
LSOP-021	Life Science Operations	Cell Culture
LSOP-022	Life Science Operations	Media Preparation
LSOP-023	Life Science Operations	Harvest and Clarification
LSOP-030	Life Science Operations	Buffer Preparation
LSOP-031	Life Science Operations	Chromatography
LSOP-032	Life Science Operations	Tangential Flow Filtration
LSOP-033	Life Science Operations	Viral Inactivation and Filtration
INDP-001	Industrial Processes	Industry Sector Overview
INDP-002	Industrial Processes	Boiler Basics
INDP-003	Industrial Processes	Steam Header Control
INDP-004	Industrial Processes	Energy and Power Generation
INDP-005	Industrial Processes	Fossil Fuels
INDP-010	Industrial Processes	Kraft Pulping Process
INDP-011	Industrial Processes	Recovery Boiler and Lime Kiln
INDP-012	Industrial Processes	Paper Machine
INDP-020	Industrial Processes	Wastewater Treatment
INDP-030	Industrial Processes	Chemical Industry
INDP-040	Industrial Processes	Food and Beverage Industry