

Course Schedule January – December 2015

For more information or to register, visit
www.isa.org/Training/2015 or call +1 919-549-8411.
Course schedule and pricing subject to change.

Course Title	Course URL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Fundamental Skills													
FG07	Introduction to Industrial Automation and Control	www.isa.org/training/FG07	19-23 (NC)	23-27 (TX)	23-27 (NC)	27-5/1 (PA)	18-22 (NC)	15-19 (CA)	20-24 (NC)	24-28 (IL)	14-18 (NC)		2-6 (NC)
FG15	Developing & Applying Standard Instrumentation & Control Documentation	www.isa.org/training/FG15		2-3 (NC)			28-29 (PA)			18-19 (TX)			9-10 (NC)
Technical Skills													
Instrumentation Maintenance													
TI24	Instrument Calibration and Documentation for FDA Regulated Industries - NEW!	www.isa.org/training/TI24	19-23 (TX)		9-13 (NC)		5-9 (PA)	1-5 (NC)					7-11 (NC)
TI25	Installing, Calibrating & Maintaining Electronic Instruments	www.isa.org/training/TI25		23-27 (NC)		20-24 (PA)		8-12 (NC)		24-28 (TX)		5-9 (CA)	14-18 (NC)
TI15	Electrical Systems and Principles	www.isa.org/training/TI15				20-22 (NC)						12-14 (NC)	
TI21	Electrical Noise Effects on Instrumentation Control Equipment	www.isa.org/training/TI21				23-24 (NC)						15-16 (NC)	
TI23	Electrical Controls for the Controls System Technician - NEW!	www.isa.org/training/TI23		16-20 (TX)		4/27-5/1 (NC)		22-26 (NC)		3-7 (TX)			7-11 (NC)
TS16	Advanced Operation of Digital (Smart) Transmitters and Digital Valve Controllers	www.isa.org/training/TS16					11-15 (NC)		20-24 (CA)			12-16 (NC)	
TS18	Advanced Operation of Digital Valve Controllers	www.isa.org/training/TS18			3/30-4/3 (NC)					3-7 (TX)			
Industrial Communications													
TS04	IT Survival Basics for I&C Personnel (Formerly ISA TS14)	www.isa.org/training/TS04	12-16 (TX)		16-20 (NC)				13-17 (CA)			19-23 (PA)	7-11 (NC)
TS06	Industrial Data Communication Systems	www.isa.org/training/TS06		16-20 (NC)			18-22 (CA)			24-28 (NC)			2-6 (TX)
TS12	Industrial Networking & Security	www.isa.org/training/TS12						18-12 (CA)		17-21 (NC)			
TS20	Advanced Industrial Networking & Cybersecurity - NEW!	www.isa.org/training/TS20			9-13 (NC)		4-8 (CA)		27-31 (TX)			12-16 (TX)	11/30-12/4 (NC)
Control Systems													
TC05	Tuning Control Loops	www.isa.org/training/TC05		9-11 (NC)		13-15 (TX)		1-3 (PA)		3-5 (CA)		5-7 (NC)	
TC10	Troubleshooting Instrumentation and Control Systems	www.isa.org/training/TC10		12-13 (NC)		16-18 (TX)		4-5 (PA)		6-7 (CA)		8-9 (NC)	
Automation Professional Skills													
Asset Management and Enterprise Integration													
IC55	Implementing Business to MES Integration Using the ANSI/ISA95 Standards	www.isa.org/training/IC55			5-6 (NC)			9-10 (PA)					
Building Automation													
EA15	Introduction to Building Automation Systems	www.isa.org/training/EA15						29-7/1 (NC)			8-10 (NC)		
Control Systems													
EC05	Designing and Tuning Feedback and Advanced Regulatory Control Strategies	www.isa.org/training/EC05			3/30-4/1 (NC)							6-8 (NC)	
IC40	Batch Control Using the ANSI/ISA88 Standards	www.isa.org/training/IC40			2-4 (NC)						9-11 (PA)		
EC60	Designing and Applying Model-Based Control Strategies	www.isa.org/training/EC60					26-28 (NC)				8-10 (NC)		
Cybersecurity													
IC32	Using the ANSI/ISA99 Standard to Secure Your Control System	www.isa.org/training/IC32		4-5 (NC)	30-31 (CO)	1-2 (CA)		29-30 (TX)		13-14 (NC); 8/30-9/1 (TX)		1-2 (TX)	1-2 (TX); 7-8 (GA)
Discrete, Sequencing, and Manufacturing Control													
TC40	PLC Fundamentals for the Technical Professional - NEW!	www.isa.org/training/TC40			23-27 (NC)				20-24 (TX)		14-18 (NC)		9-13 (TX)
Energy													
IC67	Transducer/Transmitter Installation for Nuclear Safety Applications Using ANSI/ISA-67.01.01	www.isa.org/training/IC67		9-10 (TX)						20-21 (PA)			
IC68P	ANSI/ISA-567.04-2006: Setpoints For Nuclear Safety-Related Instrumentation	www.isa.org/training/IC68P		11-13 (TX)						20-24 (PA)			
Measurement and Control													
EI05	Industrial Pressure & Level Measurement Engineering	www.isa.org/training/EI05			16-17 (NC)		18-19 (IL)			10-11 (NC)			
EI10	Industrial Flow Measurement Engineering	www.isa.org/training/EI10			18-20 (NC)		20-22 (IL)			12-14 (NC)			
Plant Maintenance													
EI30	Sizing, Selecting, and Applying Process Control Valves	www.isa.org/training/EI30			23-27 (IL)			15-19 (NC)				6-8 (NC)	
SP15	Applying Motor Control Drives	www.isa.org/training/SP15							22-24 (NC)				11-13 (NC)
Safety													
EC50CT	Introduction to Safety Instrumented Systems for the Process Industry	www.isa.org/training/EC50CT	26 (TX)		9 (PA); 16 (CO)			15 (TX)	13 (NC)	17 (PA)		19 (TX)	2 (CA); 16 (GA)
EC50	Safety Instrumented Systems - Design, Analysis & Justification	www.isa.org/training/EC50	27-30 (TX)		10-13 (PA); 17-20 (CO)			16-19 (TX)	14-17 (NC)	18-21 (PA)		20-23 (TX)	3-6 (CA); 17-20 (GA)
EC52	Advanced Safety Integrity Level (SIL) Selection	www.isa.org/training/EC52		17-18 (CA)	23-24 (CO)	13-14 (PA)		22-23 (TX)		17-18 (NC); 24-25 (PA)		6-7 (IL); 26-27 (TX)	30-12/1 (GA)
EC54	Advanced Design & SIL Verification	www.isa.org/training/EC54		19-20 (CA)	25-26 (CO)	15-16 (PA)		24-25 (TX)		19-20 (NC); 26-27 (PA)		8-9 (IL); 28-29 (TX)	2-3 (GA)
EC56P	Fire & Gas System Engineering: Performance-Based Methods for Process Facilities	www.isa.org/training/EC56P			10-12 (TX)						16-18 (TX)		9-11 (TX)
ES10	Applying Instrumentation in Hazardous (Classified) Locations	www.isa.org/training/ES10				1-2 (NC)				10-11 (PA)			16-17 (NC)
ES15	Boiler Control Systems Engineering	www.isa.org/training/ES15			23-25 (TX)			8-10 (NC)			21-23 (CA)		
ES16	Burner Management Systems Engineering Using NFPA Code 85 and ANSI/ISA77 Standards	www.isa.org/training/ES16			26-27 (TX)			11-12 (NC)			24-25 (CA)		
Certification and Licensure Review													
EC00	Certified Automation Professional® (CAP®) Exam Review Course	www.isa.org/training/EC00			3-5 (CA)			5-7 (TX)		11-13 (NC)			10-12 (IL)
EN00	Control Systems Engineering (CSE) PE Exam Review Course	www.isa.org/training/EN00					28-30 (NC)		23-25 (CA)	21-23 (IL)	11-13 (PA)	8-10 (TX)	
TM00	Certified Maintenance and Reliability Technician (CMRT) Exam Review Course	www.isa.org/training/TM00					13-15 (NC)		17-19 (IL)			28-30 (NC)	8-10 (CA)
TS00	Certified Control Systems Technician® (CCST®) Level I Exam Review Course	www.isa.org/training/TS00	19-22 (NC)		2-5 (TX)			11-14 (CA)		13-16 (TX)		19-22 (CA)	1-4 (NC)
TS02	Certified Control Systems Technician® (CCST®) Level II Exam Review Course	www.isa.org/training/TS02		16-19 (NC)		27-30 (TX)		1-4 (CA)		10-13 (TX)	21-24 (CA)		2-5 (NC)
TS03	Certified Control Systems Technician® (CCST®) Level III Exam Review Course	www.isa.org/training/TS03	26-29 (NC)		16-19 (CA)			18-21 (TX)		27-30 (NC)		21-24 (TX)	16-19 (CA)
Special Training Offerings													
AEST	Automation Engineering Survival Training	www.isa.org/Training/AEST			9-13 (CO)			8-12 (TX)		3-7 (PA)		12-16 (TX)	9-13 (GA)
AESTIV	Automation Engineering Survival Training: Integrator Version	www.isa.org/Training/AESTIV		2-6 (NC)			13-17 (IL)		1-5 (NC)	6-10 (NC)		26-30 (NC)	
TTBC	Technician Training Boot Camp	www.isa.org/training/TTBC			2-6 (CO)			1-5 (TX)		10-14 (PA)		5-9 (TX)	2-6 (GA)
PABC	Process Automation Boot Camp	www.isa.org/Training/PABC		9-13 (NC)			13-17 (NC)		8-12 (TX)		17-21 (NC)		26-30 (TX)
TATC	Tactics for Advanced Troubleshooting Boot Camp	www.isa.org/Training/TATC					4/27-5/1 (NC)		15-19 (TX)		3-7 (NC)		19-23 (TX)

US Training Locations

NC ISA Headquarters, Research Triangle Park, North Carolina
CA Cerritos, California
CO Denver, Colorado
GA Atlanta, Georgia
IL Columbia, Illinois
PA King of Prussia, Pennsylvania
TX Houston, Texas

Education & Training

ISA is recognized worldwide as a leader in non-biased, vendor-neutral education and training programs for automation professionals. Industry professionals—whether an experienced engineer, practicing technician, or newcomer to the industry—can hone their skills at ISA's regional training centers, through onsite training programs at their company, or via distance education.