Hands-on automation and control technical training
September 2015 – March 2016

Discover career-building training from ISA's industry experts!

More! Dates and locations added in 2015!

New! Updated fold-out course schedule

More! Boot camp-style courses added

Get the real-world, hands-on automation and control training you need

Setting the Standard for Automation®

Education & Training

 ISA Automation Engineering Survival Training (AEST)
 This intensive technical training boot camp for automation engineers combines lecture and hands-on labs with a plant tour to maximize your learning experience. ISA's seasoned "Survival Expert" will guide you through a fast-paced and rigorous course of topics from process measurement fundamentals through advanced automation, and everything in between.

Schedule
Research Triangle Park, NC .................................................. 26–30 October

Register or learn more at: www.isa.org/TrainingSch/AEST

Technical

 ISA Automation Engineering Boot Camp (TBC)
 Not just for technicians combines a unique technical training course—minimum lecture and maximum hands-on experience—with bonus features, including a plant tour to enhance your learning experience and maximize knowledge gained. Over 75% of your time will be spent on equipment! ISA's seasoned "Survival Expert" will guide you through an intensive technical training boot camp for automation technicians with a plant tour to maximize your learning experience. ISA's seasoned "Survival Expert" will guide you through a fast-paced and rigorous course of topics from process measurement fundamentals through advanced automation, and everything in between.

Schedule
Research Triangle Park, NC .................................................. 5–9 October 2015

Register or learn more at: www.isa.org/TrainingSch/TABC

Apprentice

 ISA Automation Engineering Survival Training: Apprentice Version (AESTA)
 Do you work for a system integrator? Do you support client projects? Do you need to expand your skills in working in a project design or commissioning environment? ISA's new Automation Engineering Survival Training: Apprentice Version (AESTA), designed specifically for system integrators, focuses on concepts important to automation engineers and others involved in a project design and commissioning role.

Schedule
Research Triangle Park, NC .................................................. 26–30 October

Register or learn more at: www.isa.org/TrainingSch/AESTV

Non-Maintenance

 ISA Automation Engineering Survival Training (AEST)
 This intensive technical training boot camp for automation engineers combines lecture and hands-on labs with a plant tour to maximize your learning experience. ISA's seasoned "Survival Expert" will guide you through a fast-paced and rigorous course of topics from process measurement fundamentals through advanced automation, and everything in between.

Schedule
Part of ISA's 2015 Technical Training Camp
Research Triangle Park, NC .................................................. 16–20 October

Register or learn more at: www.isa.org/TrainingSch/AEST

Automation Engineering Survival Training (AEST)

This course—specifically developed for non-maintenance personnel with little or no background in the field of process measurements and control—focuses on the physical measurement technologies, the communication signals, and the various applications of instrument equipment to achieve common process measurements and control.

Who should attend?
• Operations personnel with no instrument maintenance responsibilities, but who require a general knowledge of process automation equipment
• Automation engineers who need a basic understanding of process automation equipment, signal transmissions and process measurements
• Process control engineers who need to understand the operation of all equipment associated with the process control loop
• Process control equipment sales staff needing to learn process measurement and control and the various applications of process instrumentation
• Managers responsible for overseeing operations or maintenance personnel who need a general overview of the technology maintained by their staff

Schedule
Houston, TX .................................................. 26–30 October

Register or learn more at: www.isa.org/TrainingSch/PABC

Maintenance

Tactics for Advanced Troubleshooting Boot Camp (TATC)

This class details the techniques required to troubleshoot today's instrument loops and equipment. From understanding loop fundamentals to employing built-in equipment diagnostics, this class will give the student an advantage in problem identification via the latest in test equipment and communications used in the process control industry.

Who should attend?
• Instrument technicians with maintenance responsibilities that require specific knowledge of instrument control loops and equipment malfunction identification
• Maintenance and reliability engineers responsible for loop and equipment integrity
• Process control engineers
• Automation engineers
• Supervisors needing general knowledge of troubleshooting techniques employed for rapid problem identification

Schedule
Research Triangle Park, NC .................................................. 14–18 September

Register or learn more at: www.isa.org/TrainingSch/TATC

Additional 2015 Scheduled Training Dates

Course # Name Date
EC00 Practical IEC 61850 for Substation Automation—November 16–30 October (NC)
EA10 safety Instrumented Systems—Design, Analysis & Certification 30 November – 3 December (NC)
EC02 Advanced Safety Integrity Level (SIL) Selection 14–15 December (NC)
EI05 Industrial Pressure & Level Measurement Engineering 19–20 October (NC)
EA05 Industrial Process & Level Measurement Engineering 26–30 October (NC)
EI18 Industrial Flow Measurement Engineering 27–30 October (NC)
EN06 Control Systems Engineering (ISC) PE Exam Review Course 12–14 October (Sl)
E65 Control System & Level Measurement Engineering 19–20 October (NC)
EI16 Basic Management Systems Engineering Using IFTM Tool BSANS/ISA Standards 15–16 October (NC)
E205 Introduction to Industrial Automation and Control 5–9 October (TC); 16 November – 4 December (FS)
E205 Implementing Wireless Industrial Automation Systems (WISA) 7 September – 3 October (Online)
E205 Troubleshooting and Maintaining Electronic Instruments 7–11 September (CSI); 17–11 November (NY)
E205 Certified Controls Systems Technician® (CCST®) Level 1 Review Course 1–4 September (SL); 9–12 November (FS)
E205 Industrial Networking & Cybersecurity 21–25 September (FI)
E205 Control System Maintenance and Troubleshooting 26–30 October (Sl)

See highlights inside for these and our current Classroom Course Schedule! Or go to: www.isa.org/Trainingcalendar

ISA offers you a variety of unique and insightful technical course offerings!
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