



■ Safety Instrumented Systems – Design, Analysis, and Justification

This course focuses on the engineering requirements for the specification, design, analysis, and justification of safety instrumented systems in the process industries. Students will learn how to determine safety integrity levels and evaluate whether proposed or existing systems meet the performance requirements.

Contents	<ul style="list-style-type: none"> • Introduction • Guidelines and Standards • General SIS Design Considerations • Hazard and Risk Assessment • Failure Rates & Modes • System Technologies • Operations and Maintenance • Class Example 	
Provider	Instrumentation, Systems, Automation Society 67 Alexander Drive Research Triangle Park, NC, 27709, USA Phone (919) 549-8411, Fax (919) 549-8288 email:info@isa.org, or online: www.isa.org	
Application sector	ANSI/ISA-84-2004 (parts 1-3) and ANSI/ISA-91.01-2001	
Target group		
Prerequisites		
Duration	3 Days	Comments
Seminar schedule	8:00am – 4:00pm	
Number of participants		
Lecturer		
Seminar fee	\$1,210 Member, \$1,295 Non-member, \$1,195 Group	
Dates/Location	<ul style="list-style-type: none"> • 1/24/2005 ISA Training Institute Research Triangle Park, NC, US • 4/4/2005 Hilton – Philadelphia Airport Philadelphia, PA, US • 5/17/2005 Crosspoint Engineering Westwood, MA, US • Course is also available as onsite training 	
Seminar descriptor	EC50	