

SAFETY TECHNOLOGY

REVISED!

Curriculum Notes

- 45 Hours
- To Be Revised: 2016, Third Edition
- New printed Instructor's Package includes lesson plans and instructor's copy of Trainee Guide with an access code to download TestGen software, module exams, PowerPoints®, and performance profile sheets from www.nccerirc.com.

PAPERBACK	ISBN
Participant Guide: \$85	978-0-13-444636-3
Instructor's Package: \$85	978-0-13-454301-7

MODULES

All of the modules listed below are included in the Trainee Guide and the Instructor's Package. The following ISBN and pricing information is for ordering individual modules only.

Introduction to Safety Technology (2.5 Hours)

Trainee \$20 ISBN 978-0-13-451725-4
 Instructor \$20 ISBN 978-0-13-451723-0
 (Module ID 75201-16) Describes the responsibilities of a safety technician and identifies the basic components in a safety program. Provides an overview of regulatory requirements.

Developing a Safety Culture (2.5 Hours)

Trainee \$20 ISBN 978-0-13-453892-1
 Instructor \$20 ISBN 978-0-13-451726-1
 (Module ID 75205-16) Explains how to develop an effective safety culture on the jobsite, including communication techniques, motivation, and how to respond to behavioral issues.

Hazard Recognition, Environmental Awareness, and Occupational Health (5 Hours)

Trainee \$20 ISBN 978-0-13-453896-9
 Instructor \$20 ISBN 978-0-13-453893-8
 (Module ID 75219-16) Covers environmental and safety hazards. Explains how to evaluate risks and identify appropriate methods of hazard control. Also discusses environmental regulations for hazardous materials and describes the elements in a medical monitoring program.

Safety Analysis and Assessment (5 Hours)

Trainee \$20 ISBN 978-0-13-453897-6
 Instructor \$20 ISBN 978-0-13-453894-5
 (Module ID 75220-16) Provides guidance on safety performance analysis and employee coaching. Also explains how to complete job and task safety planning.

Safety Data Tracking and Trending (5 Hours)

Trainee \$20 ISBN 978-0-13-451727-8
 Instructor \$20 ISBN 978-0-13-453898-3
 (Module ID 75221-16) Describes how to conduct safety inspections, audits, and employee safety observations. Covers both traditional and proactive methods of performance measurement, and explains how to analyze safety data in order to prevent future incidents.

Site-Specific Safety Plans (5 Hours)

Trainee \$20 ISBN 978-0-13-453900-3
 Instructor \$20 ISBN 978-0-13-453899-0
 (Module ID 75222-16) Explains how to use pre-bid checklists to identify hazards and develop a site safety plan. Also describes how to develop an emergency action plan.

Safety Orientation and Safety Meetings (5 Hours)

Trainee \$20 ISBN 978-0-13-451729-2
 Instructor \$20 ISBN 978-0-13-451728-5
 (Module ID 75223-16) Describes how to prepare and deliver effective training using both formal safety meetings and tailgate talks.

Permits and Policies (5 Hours)

Trainee \$20 ISBN 978-0-13-451735-3
 Instructor \$20 ISBN 978-0-13-451730-8
 (Module ID 75224-16) Provides an overview of the various work permits required on a construction site. Also provides detailed procedures for completing a hot work permit, lockout/tagout, and confined-space entry permit.

Incident Investigations, Policies, and Analysis (5 Hours)

Trainee \$20 ISBN 978-0-13-451734-6
 Instructor \$20 ISBN 978-0-13-451731-5
 (Module ID 75225-16) Describes how to conduct an incident investigation, including employee interviews and reporting requirements. Also explains how to analyze an incident to determine the root cause and prevent future incidents.

OSHA Inspections and Recordkeeping (5 Hours)

Trainee \$20 ISBN 978-0-13-451733-9
 Instructor \$20 ISBN 978-0-13-451736-0
 (Module 75226-16) Discusses the OSHA requirements for recordkeeping, and explains how to manage the safety and health records for a jobsite. Covers the two main types of OSHA inspections.

Ordering information for *Safety Technology*, Second Edition:

PAPERBACK (includes all five volumes)	ISBN
Participant Guide: \$85	978-0-13-106258-0
Instructor's Guide: \$85	978-0-13-106259-7