SAFETY TECHNOLOGY

Safety Technology

Curriculum Notes

- 45 Hours
- Updated in 2018.
- Provides instruction on how to implement and administer a company safety program. This manual is designed for field managers, safety directors, safety committees, owner safety representatives, and insurance/loss control representatives.
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

PAPERBACK	ISBN
Participant Guide: $89	**978-0-13-444636-3**

MODULES

The modules listed below are included in the Participant Guide. The following ISBNs are for ordering individual modules only.

Introduction to Safety Technology *(2.5 hours)*
ISBN 978-0-13-451725-4

(Module ID 75201) Describes the responsibilities of a safety technician and identifies the basic components of a safety program. It also provides an overview of regulatory requirements.

Positive Safety Communication *(2.5 hours)*
ISBN 978-0-13-546331-4

(Module ID 75205) Explains how to support an effective safety culture on the job site, including communication techniques, motivation, and responding to behavioral issues.

Hazard Recognition, Environmental Awareness, and Occupational Health *(5 hours)*
ISBN 978-0-13-453896-9

(Module ID 75219) Covers environmental and safety hazards. It explains how to evaluate risks and identify appropriate methods of hazard control. It also discusses environmental regulations for hazardous materials and describes the elements of a medical surveillance program.

Job Safety Analysis and Pre-Task Planning *(5 hours)*
ISBN 978-0-13-453897-6

(Module ID 75220) Provides guidance on safety performance analysis and employee coaching. It also explains how to complete job and task safety planning.

Safety Data Tracking and Trending *(5 hours)*
ISBN 978-0-13-451727-8

(Module ID 75221) Covers how to conduct safety inspections, audits, and employee safety observations. It discusses both traditional and predictive methods of performance measurement, and explains how to analyze safety data in order to prevent future incidents.

Site-Specific Safety Plans *(5 hours)*
ISBN 978-0-13-453900-3

(Module ID 75222) Explains how to use pre-bid checklists to identify hazards and develop a site safety plan. It also describes how to develop an emergency action plan.

Safety Orientation and Safety Meetings *(5 hours)*
ISBN 978-0-13-451729-2

(Module ID 75223) Describes how to prepare and deliver effective training using both formal safety meetings and tailgate talks.

Permits and Policies *(5 hours)*
ISBN 978-0-13-451735-3

(Module ID 75224) Provides an overview of the various work permits required on a construction site. It also provides detailed procedures for completing a hot work permit, lockout/tagout, and confined-space entry permit.

Incident Investigations, Policies, and Analysis *(5 hours)*
ISBN 978-0-13-451734-6

(Module ID 75225) Describes how to conduct an incident investigation, including employee interviews and reporting requirements. It also explains how to analyze an incident to determine the root cause and prevent future incidents.

OSHA Inspections and Recordkeeping *(5 hours)*
ISBN 978-0-13-451733-9

(Module ID 75226) Discusses the OSHA requirements for record-keeping and explains how to manage the safety and health records for a job site. It also covers the two main types of OSHA inspections.