**CORE**

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**Basic Safety**(12.5 Hours)

Trainee $19 ISBN 978-0-13-407556-3

Instructor $19 ISBN 978-0-13-412939-6

(Module ID 00101-15) Presents basic jobsite safety information to prepare workers for the construction environment. Describes the common causes of workplace incidents and accidents and how to avoid them. Introduces common PPE, including equipment required for work at height, and its proper use. Information related to safety in several specific environments, including welding areas and confined spaces, is also provided.

**Introduction to Construction Math**(10 Hours)

Trainee $19 ISBN 978-0-13-416370-3

Instructor $19 ISBN 978-0-13-413140-5

(Module ID 00102-15) Reviews basic math skills related to the construction trades and demonstrates how they apply to the trades. Covers multiple systems of measurement, decimals, fractions, and basic geometry.

**Introduction to Hand Tools**(10 Hours)

Trainee $19 ISBN 978-0-13-412937-2

Instructor $19 ISBN 978-0-13-412886-3

(Module ID 00103-15) Introduces common hand tools used in a variety of construction crafts. Identifies tools and how to safely use them. Proper hand tool maintenance is also presented.

**Introduction to Power Tools**(10 Hours)

Trainee $19 ISBN 978-0-13-412901-3

Instructor $19 ISBN 978-0-13-412902-0

(Module ID 00104-15) Identifies and describes the operation of many power tools common in the construction environment. Provides instruction on proper use, as well as on safe-handling guidelines and basic maintenance.

**Introduction to Construction Drawings**(10 Hours)

Trainee $19 ISBN 978-0-13-412903-7

Instructor $19 ISBN 978-0-13-412904-4

(Module ID 00105-15) Introduces the basic elements of construction drawings. The common components of drawings are presented, as well as the most common drawing types. The use of drawing scales and how to measure drawings is also covered.

**Introduction to Basic Rigging**(7.5 Elective Hours)

Trainee $19 ISBN 978-0-13-412905-1

Instructor $19 ISBN 978-0-13-412900-6

(Module ID 00106-15) Provides basic information related to rigging and rigging hardware, such as slings, rigging hitches, and hoists. Emphasizes safe working habits in the vicinity of rigging operations.

**Basic Communication Skills**(7.5 Hours)

Trainee $19 ISBN 978-0-13-412899-3

Instructor $19 ISBN 978-0-13-412898-6

(Module ID 00107-15) Provides good techniques for effective communication on the job. Includes examples that emphasize the importance of both written and verbal communication skills. Describes the importance of reading skills in the construction industry and covers proper techniques to use in a variety of different written communication formats.

**Basic Employability Skills**(7.5 Hours)

Trainee $19 ISBN 978-0-13-412896-2

Instructor $19 ISBN 978-0-13-412895-5

(Module ID 00108-15) Describes the opportunities offered by the construction trades. Discusses critical thinking and essential problem-solving skills for the construction industry. Also identifies and discusses positive social skills and their value in the workplace.

**Introduction to Material Handling**(5 Hours)

Trainee $19 ISBN 978-0-13-412892-4

Instructor $19 ISBN 978-0-13-412887-0

(Module ID 00109-15) Describes the hazards associated with handling materials and provides techniques to avoid both injury and property damage. Common material-handling equipment is also introduced.