



**RELATED INSTRUCTION OUTLINE OF THE**

**CORE CURRICULUM**

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*(5<sup>th</sup> Edition)*

CORE			
Module #	Module Name	Module Objectives	Perf. Profile
1	00101-15 <i>Basic Safety (Construction Site Safety Orientation)</i>	Explains the importance of safety of workers, supervisors, and managers in the construction and industrial crafts to ensure a safe workplace. Trainees will learn how to identify and follow safe work practices and procedures and how to properly inspect and use safety equipment. Trainees will be able to describe the safety practices associated with elevated work and various hazards encountered on job sites. This module complies with OSHA-10 training and reviews OSHA-10 regulations. NOTE: The successful completion of this module will award a Construction Site Safety Orientation credential.	Yes
2	00102-15 <i>Introduction to Construction Math</i>	Introduces trainees to basic math skills needed in the construction environment such as adding, subtracting, dividing, and multiplying. The module reviews whole numbers, decimals and fractions and applying them in the construction trade. Teaches decimal-fraction conversions and the metric system. Explains reading standard and metric rulers, tape measures, and architect's and engineer's scales. Reviews basic geometry as applied to common shapes and forms.	No
3	00103-15 <i>Introduction to Hand Tools</i>	Instructs trainees in the identification, use, and care of hand tools. Developing the knowledge of the proper application, use, safety and maintenance of these tools. Many illustrations used to show power tool use in on-the-job setting.	Yes
4	00104-15 <i>Introduction to Power Tools</i>	Identifies and describes commonly used power tools. The construction of each tool is discussed, along with information regarding the safe usage and typical maintenance requirements of power tools. NOTE: Trainees are required to successfully complete Module 00101-15 Basic Safety before studying this module.	Yes
5	00105-15 <i>Introduction to Construction Drawings</i>	Provides trainees with the information and skills needed to read and understand construction drawings by familiarizing them with basic terms, components, and symbols. Explains the different types of drawings (civil, architectural, structural, mechanical, plumbing/piping, electrical and fire protection). This module includes a set of four oversize drawings.	Yes
6	00106-15 <i>Introduction to Basic Rigging (Elective)</i>	Identifies different types of rigging slings and hardware and describes how those items are used. It explains how to properly inspect slings and hardware items. It also examines different types of hoists used in rigging and it describes common rigging hitches and how to make the Emergency Stop hand signal. NOTE: This module is an elective it is not required.	Yes
7	00107-15 <i>Basic Communication Skills</i>	Provides trainees with the information and skills needed to communicate effectively and clearly with coworkers and supervisors. Emphasizes the importance of verbal and written information and instructions on the job. Developing good communication skills enables the construction professional to become a confident, reliable asset to their craft.	Yes
8	00108-15 <i>Basic Employability Skills</i>	Introduces trainees to critical thinking and problem-solving skills. Reviews effective relationship skills, effective self-presentation, and key work-place issues such as sexual harassment, stress and substance abuse. Presents information on computer systems and their industry applications.	No
9	00109-15 <i>Introduction to Material Handling</i>	Provides safety guidelines for workers handling materials on the job site. It covers proper procedures and techniques to use when lifting, stacking, transporting, and unloading materials. Introduces material handling equipment, and identifies appropriate equipment for common job-site tasks.	Yes

