



MODULE 31101 – INTRODUCTION TO THE TRADE

1. Identify those personal qualities that are positively related to job success.
2. Explain the apprenticeship training process.
3. Explain the scaffolding trade, trade math, and the regulations and standards associated with the scaffolding trade.
4. Identify and explain stationary scaffolds.
5. Identify and explain mobile scaffolds.
6. Identify and explain suspended scaffolds.

MODULE 31102 – TRADE SAFETY

1. Identify Occupational Safety and Health Act (OSHA) regulations that regulate the scaffolding industry.
2. Identify and explain the basic guidelines for planning, erecting, and using scaffolding.
3. Identify and explain personal protective and life-saving equipment.
4. Explain fall protection.
5. Identify and explain electrical hazards.

MODULE 31103 – TRADE TOOLS AND EQUIPMENT

1. Identify and describe the use of specific hand tools.
2. Identify and describe the use of specific power tools.
3. Identify and explain commonly-used lifting tools.
4. Describe the proper use of fall protection equipment.
5. Explain the proper methods of storing, handling, and inspecting scaffolding materials.

MODULE 31104 – TRADE MATH

1. Calculate areas and perimeters of plane surfaces.
2. Calculate volumes of 3-dimensional shapes.
3. Use tables to determine weights.
4. Identify types of loads on scaffold platforms.
5. Calculate loads on scaffold platforms.
6. Calculate wind loads on specified scaffold configurations.

MODULE 31105 – STATIONARY SCAFFOLDS

1. Identify the safety considerations and components of tubular welded frame scaffolding.
2. Explain the proper methods for erecting tubular welded frame scaffolding.
3. Identify the safety considerations and components of tube and coupler scaffolding.
4. Explain the proper methods for erecting tube and coupler scaffolding.
5. Identify safety considerations and components of system scaffolds.
6. Explain the proper methods of erecting system scaffolding.
7. Identify the safety considerations and components of ladder-type and outrigger scaffolding.
8. Explain the proper methods for erecting ladder-type and outrigger scaffolding.
9. Identify the safety considerations and components of pump-jack scaffolding.
10. Explain the proper methods for erecting pump-jack scaffolding.

MODULE 31106 – MOBILE SCAFFOLDS

1. Explain the proper methods for safely erecting and using rolling scaffolding.
2. Explain the proper methods for safely erecting and using scaffold wagons.
3. Explain the safe operation of scissors lifts.
4. Describe the applications and operation of boom lifts.

MODULE 31107 – SUSPENSION SCAFFOLDS

1. Identify the safety considerations and components of suspension scaffolding.
2. Explain the proper methods for rigging suspension scaffolding.
3. Identify the safety considerations and components of boatswain's chairs, work cages, and beam suspended scaffolding.
4. Explain the proper methods for rigging boatswain's chairs, work cages, and beam suspended scaffolding.