This document is meant to be a **CONDENSED SUMMARY** of module assessments and performance testing required for a student to achieve the **NCCER Plumbing Level I Certification**. The actual NCCER Performance Profile packet should be studied, referenced, and used for instructor planning and execution of Level I certification for students. NCCER Performance Profiles Links:

Core Curriculum

Plumbing Level I

In order for students to receive the NCCER Level 1 credential, the following criteria must be met

1. Facility must be an NCCER Accredited Training & Education Facility (ATEF)
2. Instructors must have a current NCCER Craft Instructor Certification in the applicable trade area
3. NCCER Registration and Release Form must be on file for each student receiving credential
4. All Core and Level I written/electronic assessments and Performance Profile assessments must be passed and NCCER testing procedures followed.

NCCER Core Curriculum: Module and Performance Profile Summary (5th Edition)

Module	Performance Profile
Basic Safety (00101-15)	1. Extension ladder 2. PPE inspection 3. PPE fitting/removal 4. Power cord/GFCI inspection
Construction Math (00102-15)	No Performance Testing Required for this Module
Introduction to Hand Tools (00103-15)	1. Visual inspection of 5 hand tools 2. Safe and proper use of 3 hand tools 3. Make a straight, square cut in lumber
Introduction to Power Tools (00104-15)	1. Demonstrate the safe use of 3 power tools
Introduction to Construction Drawings (00105-15)	Using floor plan supplied with module: 1. Locate walls 2. Identify width 3. Determine distances between walls 4. Determine elevation of slab
Introduction to Basic Rigging (00106-15) **Optional for Level I Certification*	1. Demonstrate ASME Emergency Stop hand signal
Basic Communication Skills (00107-15)	1. Perform a task after oral instructions 2. Work related form 3. Read and interpret instructions for donning PPE, oral instruction
Basic Employability Skills (00108-15)	No Performance Testing Required for this Module
Introduction to Materials Handling (00109-15)	1. Demonstrate safe manual lifting 2. Demonstrate how to tie 2 common knots

NCCER Plumbing I Curriculum: Module and Performance Profile Summary (4th Edition)

Module	Performance Profile
Introduction to the Plumbing Profession (22101-12)	Performance testing is not required for this module
Plumbing Safety (02102-12)	1. Inspection of PPE equipment 2. Putting on PPE equipment 3. Proper use of ladders 4. Inspecting power tools 5. Lockout/Tagout
Tools of the Plumbing Trade (02103-12)	1. Identify plumbing tools 2. Properly use plumbing tools 3. Maintenance and storage of hand and power tools
Introduction to Plumbing Math (02104-12)	1. Methods of measuring pipe 2. End-to-end dimensions figuring fitting allowances and thread makeup
Introduction to Plumbing Drawings (02105-12)	1. Sketch an orthographic and isometric drawing
Plastic Pipe and Fittings (02106-12)	1. Select correct materials for plastic pipe systems 2. Fittings, valves, and their uses 3. PPE for plastic piping 4. Measuring, cutting, and joining plastic piping 5. Selecting the correct support and spacing for the application
Copper Tube and Fittings (02107-12)	1. Select correct materials for copper tube systems 2. Fittings, valves, and their uses 3. PPE for copper tube 4. Measuring, cutting, reaming, and joining copper tube 5. Selecting the correct support and spacing for the application
Cast-Iron Pipe and Fittings (02108-12)	1. Select correct materials for cast-iron systems 2. Fittings and their uses 3. PPE for cast-iron 4. Measuring, cutting, and joining cast-iron 5. Selecting the correct support and spacing for the application
Steel Pipe and Fittings (02109-12)	1. Select correct materials, sizes, schedules, and labels for steel pipe 2. Fittings and their uses 3. Measuring, cutting, and joining steel pipe 4. Hazards and safety precautions for steel pipe 5. Techniques used in hanging and supporting steel pipe
Introduction to Plumbing Fixtures (02110-12)	1. Commonly installed fixtures and appliances
Intro to Drain, Waste, and Vent (DWV) Systems (02111-12)	1. Sketch an isometric drawing of a DWV system and label its components

Introduction to Water Distribution Systems (02112-12)	1. Sketch an isometric drawing of a water distribution system and label its components