

# CTE Construction Apprenticeship Prep 4

- PS 1 Identify, understand, and apply employability skills and workplace readiness skills as required by employers.
- PS 2 Demonstrate accurate measuring with standard construction tools.
- PS 3 Design, draw, and interpret plans, elevations, schedules, and details of construction drawings and blue prints.
- PS 4 Calculate a building package with standard construction math.
- PS 5 Demonstrate ability to identify, maintain, and safely use hand tools commonly used by carpenters.
- PS 6 Demonstrate ability to identify, maintain, set-up, and safely use power tools commonly used by carpenters.
- PS 7 Identify and model proper Personal Protective Equipment (PPE) safety skills and emergency procedures.
- PS 8 Pass state mandated safety tests for all portable and stationary power equipment with 100% accuracy.
- PS 9 Model proper clean up practices by keeping area clean and free of hazards.
- PS 10 Identify the parts and types of roof trusses.
- PS 11 Demonstrate techniques for standard framing and situations that require special framing.
- PS 12 Build and install a stairway.
- PS 13 Frame a hip roof.
- PS 14 Install and finish selected interior building materials.
- PS 15 Install and finish selected exterior building materials.
- PS 16 Demonstrate ability to design and build a complete plumbing system.
- PS 17 Design a complete electrical system floor plan.
- PS 18 Install an electrical system with multiple circuits, including special purpose circuits.
- PS 19 Design and install components of a HVAC system.
- PS 20 Demonstrate ability to mix and finish concrete.
- PS 21 Identify and demonstrate steel frame construction.
- PS 22 9-10.RST.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics.
- PS 23 9-10.RST.7 Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.
- PS 24 9-10.WHST.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
- PS 25 9-10.WHST.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation