

# CTE Construction Foundations

- 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 Identify, read, and interpret plans, elevations, schedules, and details contained in construction drawings.
- PS 4 Demonstrate estimating principles of the industry.
- PS 5 Demonstrate ability to identify and safely use hand tools commonly used by carpenters.
- PS 6 Demonstrate ability to identify 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 and demonstrate techniques to frame a wood floor joist.
- PS 11 Identify and demonstrate techniques to frame a wall.
- PS 12 Identify the various parts and types of stairways.
- PS 13 Identify the basic styles and components used in roof framing.
- PS 14 Identify and install selected interior building materials.
- PS 15 Identify types and uses of exterior building materials.
- PS 16 Identify components in the plumbing system.
- PS 17 Identify the basic elements in the electrical system.
- PS 18 Demonstrate ability to build a simple circuit.
- PS 19 Identify components of a HVAC system.
- PS 20 Identify the basic components of concrete construction.
- PS 21 Identify types and forms of insulation.
- 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