

Blueprint for Instruction and Assessment

Construction Technologies

46.0415.00



Domain	Related Standards	Instructional Time
Domain 1 Residential Construction Applications	STANDARD 5.0 DEMONSTRATE MASONRY WORK STANDARD 6.0 DEMONSTRATE FLOOR AND CEILING FRAMING STANDARD 7.0 DEMONSTRATE INTERIOR AND EXTERIOR WALL FRAMING STANDARD 8.0 DEMONSTRATE ROOF FRAMING AND FINISHING STANDARD 11.0 INSTALL INTERIOR TRIM AND STAIRS STANDARD 15.0 PREPARE, PLACE, AND FINISH CONCRETE	40 - 45%
Domain 2 Safety and Tools	STANDARD 1.0 MAINTAIN A SAFE WORK ENVIRONMENT STANDARD 4.0 USE HAND, POWER, AND PNEUMATIC TOOLS	20 - 30%
Domain 3 Applied Math and Construction Documents	STANDARD 2.0 APPLY CONSTRUCTION MATH SKILLS STANDARD 3.0 USE CONSTRUCTION DOCUMENTS AND TECHNOLOGY TOOLS	15 - 20%
Domain 4 Interior and Exterior Finishes	STANDARD 9.0 ANALYZE GREEN BUILDING SUSTAINABILITY STANDARD 10.0 INSTALL EXTERIOR FINISHES STANDARD 14.0 INSTALL INTERIOR WALL AND CEILING FINISH	5 - 10%
Domain 5 Applied Sciences - Plumbing and Electrical	STANDARD 12.0 ASSEMBLE PIPING, WASTE, AND VENTING SYSTEMS STANDARD 13.0 INSTALL ELECTRICAL COMPONENTS/SYSTEM	5 - 10%

Content domains are knowledge, skills, and abilities to be taught and assessed. They illustrate the relationship among technical standards, instructional time, and student success on the Technical Skills Assessment. This blueprint corresponds with the Technical Standards reviewed on May 27, 2025.