Blueprint for Instruction and Assessment

Architectural Drafting

15.1300.20

Domain	Related Standards	Instructional Time
Domain 1 Creating Architectural Drawings	**STANDARD 6.0** PRODUCE TECHNICAL DRAWINGS **STANDARD 7.0** APPLY DESIGN DRAFTING CONCEPTS AS RELATED TO ARCHITECTURAL DESIGN **STANDARD 8.0** PREPARE DRAWINGS OF SECTIONS AND DETAILS	50 - 60%
Domain 2 Interpret and Prepare Architectural Drawings	**STANDARD 2.0** INTERPRET TECHNICAL DOCUMENTS AND BUILDING SPECIFICATIONS USED BY ARCHITECTS AND ENGINEERS **STANDARD 5.0** DETERMINE THE TYPES AND COMPONENTS OF BUILDING SYSTEMS **STANDARD 9.0** CREATE PICTORIAL DRAWINGS, MODELS, AND RENDERINGS	20 - 25%
Domain 3 Computer Aided Drafting Design (CADD) and BIM	**STANDARD 3.0** UTILIZE HARDWARE AND SOFTWARE TOOLS INCLUDING BASIC COMPUTER CONCEPTS, OPERATIONS, AND TECHNOLOGY APPLICATIONS **STANDARD 4.0** UTILIZE COMPUTER-AIDED SOFTWARE SYSTEMS FOR PROJECT MANAGEMENT	15 - 20%
Domain 4 Measurement and Dimensioning	**STANDARD 1.0** APPLY MEASUREMENT AND SCALE CONCEPTS IN DESIGN DRAFTING	5 -10%

Content domains are bodies of knowledge, skills, or 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 endorsed on January 27, 2021.