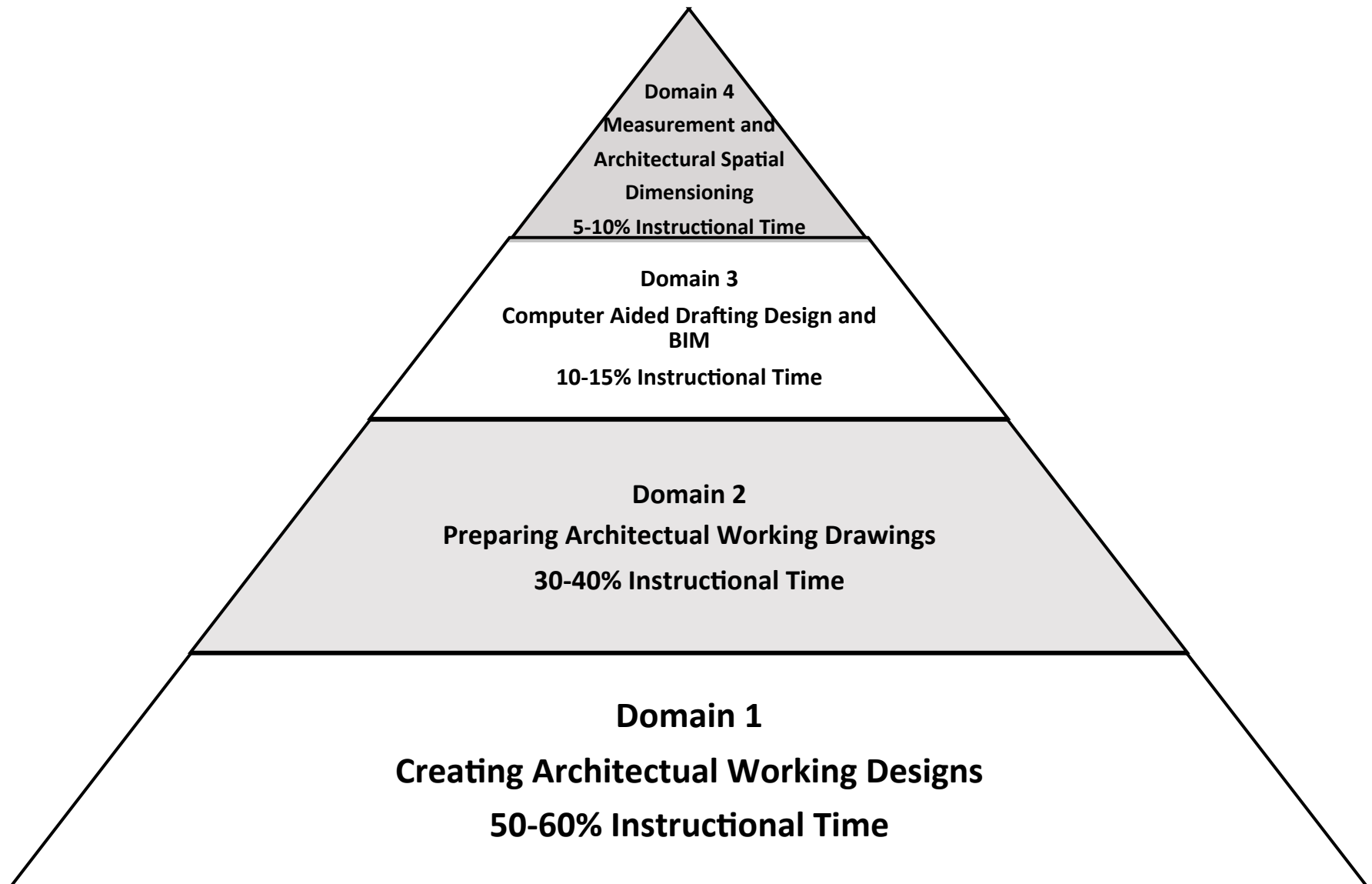


# Content Domains

Architectural Drafting 15.1300.20



The technical standards for the Architectural Drafting are clustered in 4 domains. The greatest percentage of instructional time will be spent on domains 1 and 2 with less time on domains 3 and 4. Students who complete the program should demonstrate a thorough knowledge in each of these domains.

# Blueprint for Instruction and Assessment

Architectural Drafting

15.1300.20

Domain	Related Standards	Instructional Time
Domain 1 Creating Architectural Working Designs	<b>STANDARD 6.0</b> Create technical drawings <b>STANDARD 8.0</b> Prepare drawings of sections and details <b>STANDARD 9.0</b> Create pictorial drawings, models, and RENDERINGS	50-60%
Domain 2 Preparing Architectural Working Drawings	<b>STANDARD 2.0</b> Interpret technical documents and building specifications used by architects and engineers <b>STANDARD 5.0</b> Determine the components of building systems <b>STANDARD 7.0</b> Apply design drafting concepts as related to architectural design	30-40%
Domain 3 Computer Aided Drafting Design and BIM	<b>STANDARD 3.0</b> Utilize basic computer concepts, operations, and technology applications <b>STANDARD 4.0</b> Utilize cadd (computer aided drafting design), vdc (virtual design and construction modeling), and/or bim (building information modeling) systems to manage project	10-15%
Domain 4 Measurement and Architectural Spatial Dimensioning	<b>STANDARD 1.0</b> Apply measurement and scale concepts in design drafting	5-10%

Content domains are bodies of knowledge, skills or abilities to be taught or assessed. They are clustered as related to technical standards for instruction. The suggested percentage of instructional time is listed for each domain. Instructional time corresponds to the percentage of assessment items included on the Technical Skills Assessment. 2017