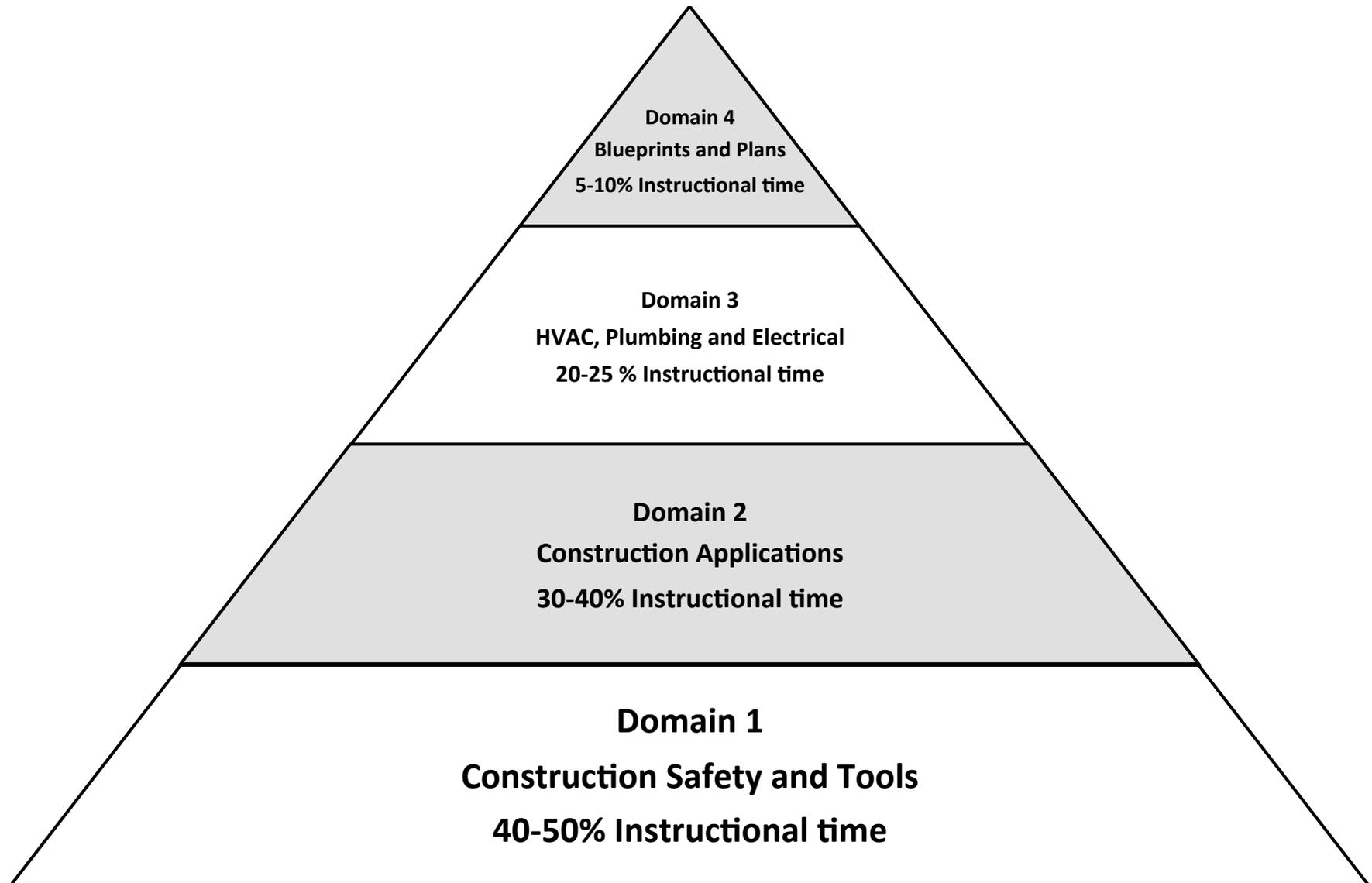


# Content Domains

Construction Technologies 46.0400.20



The technical standards for the Construction Technologies Program 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.

# Content Domains, Standards and Instruction

Construction Technologies  
46.0400.20

Domain	Related Standards	Instructional Time
Domain 1 Construction Safety and Tools	<b>STANDARD 1.0 Maintain a safe work environment</b> <b>STANDARD 2.0 Operate hand and power tools/equipment</b>	40-50%
Domain 2 Construction Applications	<b>STANDARD 4.0 Lay out building lines</b> <b>STANDARD 5.0 Perform masonry work</b> <b>STANDARD 6.0 Lay out and install floor systems</b> <b>STANDARD 7.0 Demonstrate wall and ceiling framing</b> <b>STANDARD 8.0 Frame and finish a roof</b> <b>STANDARD 10.0 Apply exterior finishes</b> <b>STANDARD 11.0 Install doors and windows</b> <b>STANDARD 12.0 Install interior trim and stairs</b> <b>STANDARD 15.0 Install interior wall and ceiling finish</b> <b>STANDARD 16.0 Perform concrete work</b>	30-40%
Domain 3 HVAC, Plumbing and Electrical	<b>STANDARD 9.0 Identify conditioned living systems</b> <b>STANDARD 13.0 Assemble piping, waste, and vent distribution systems</b> <b>STANDARD 14.0 Install electrical component/system(s) to current industry code</b>	20-25%
Domain 4 Blueprints and Plans	<b>STANDARD 3.0 Use plans, specifications, and codes</b>	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