

NAAB Student Performance Criteria	Learning Outcome	Administration Process
B1: Pre-Design	Ability to prepare a comprehensive program for an architectural project, such as preparing an assessment of client and user needs, and inventory of space and equipment requirements, an analysis of site conditions (including existing buildings), a review of the relevant laws and standards and assessment of their implications for the project, and a definition of site selection and design assessment criteria.	
B2: Accessibility	Ability to design sites, facilities and systems, to provide independent and integrated use by individuals with physical (including mobility), sensory, and cognitive disabilities.	
B3: Sustainability	Ability to design projects that optimize, conserve, or reuse natural and built resources, provide healthful environments for occupants/ users, and reduce the environmental impacts of building construction and operations on future generations through means such as carbon-neutral design, bioclimatic design, and energy efficiency.	
B4: Site Design	Ability to respond to site characteristics such as soil, topography, vegetation, and watershed in the development of a project design.	
B5: Life Safety	Ability to apply the basic principles of life-safety systems with an emphasis on egress.	
B6: Comprehensive Design	Ability to produce a comprehensive architectural project that demonstrates each student's capacity to make design decisions across scales while integrating the following SPC: A2, A4, A5, A8, A9, B2, B3, B4, B5, B8, B9.	
B7: Financial Considerations	Understanding of the fundamentals of building costs, such as acquisition costs, and construction estimating with an emphasis on life-cycle cost accounting.	
B8: Environmental Systems	Understanding the principles of environmental systems' design such as embodied energy, active and passive heating and cooling, indoor air quality, solar orientation, day lighting and artificial illumination, and acoustics; including the use of appropriate performance assesment tools.	
B9: Structural Systems	Understanding the basic principles of structural behavior withstanding gravity and lateral forces and the evolution, range, and appropriate application of contemporary structural systems.	
B10: Building Envelope Systems	Understanding of the basic principles involved in the appropriate application of building envelope systems and associated assemblies relative to fundamental performance, aesthetics, moisture transfer, durability, and energy and material resources.	
B11: Building Service Systems	Understanding of the basic principles and appropriate application and performance of building service systems such as plumbing, electrical, vertical transportation, security, and fire protection systems.	
B12: Building Materials and Assemblies	Understanding the basic principles utilized in the appropriate selection of construction materials, products, components, and assemblies, based on their inherent characteristics and performance, including their environmental impact and reuse.	

Integrated Building Practices, Technical Skills and Knowledge
 Realm B