

Program SLOs Architecture

A.S. – Architecture

Certificate of Achievement – Architectural Technology

Certificate of Proficiency – Green Buildings: Environmental Design, Energy Management & Performance
Based Construction

Architecture Program Student Learning Outcomes from the 2005 PrOF (Program Review)

P-SLO 1: Have the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the built environment and perform the tasks required within the architecture and environmental design professions.

P-SLO 2: Meet the requirements of the CRC transfer schools and matriculate successfully through their programs.

P-SLO 3: Be able to work successfully as a team member or as an individual.

P-SLO 4: Have the values of ethics and understanding of historical, cultural, human, aesthetic, environmental and social issues to be able to affect creative change.

P-SLO 5: Have the professional attitude and desire for life-long learning.

Certificate - Green Buildings Student Learning Outcomes*

SLO 1: Establish meaningful ethical, social and environmental objectives for buildings and communities based on the values of energy and resource conscious design; compare and contrast societal and economic implications of utilizing renewable and non-renewable energy sources; compare and contrast the effect of contextual issues and evaluate their impact on energy consumption, environment and the beneficial experience of interior and exterior spaces.

SLO 2: Identify and articulate issues related to the choice of various building, landscape and environmental systems; ideate responsive solutions; and compare the alternatives in making effective, sustainable decisions; analyze and calculate energy use to make informed, environmentally-sound and economic choices to satisfy human needs for comfort and aesthetics; explain the concepts of resource conservation and waste reduction and make sustainable design choices related to materials and construction; develop a comprehensive understanding of green rating systems, livable communities strategies and the ability to apply these concepts in decision-making.

SLO 3: Demonstrate independent learning, teamwork and continuing education habits that will help to encourage a life long pursuit of knowledge; to use a team work process to identify issues, analyze criteria, research and apply learned principles to synthesize solutions to specific design projects; to demonstrate habits of visual note making and independent research by developing a sketch and notebook to record learning.

* Developed through the Curriculum Committee approval process.