

ARET 104C : Architectural Design Studio I

The student studies the architectural design for an institutional building designated for public use. The terrain is sloping and provides for a two-story sloped roof structure that employs current construction methods. The student begins study through the use of sketch-to-scale drawings. With an outline of design criteria and project guidelines, the student develops preliminary presentation drawings for floor plans, elevations, and 3-D views. As the student comes to know and appreciate the design, the emphasis shifts to a more in-depth understanding of the technology of construction. The student prepares construction documents for floor plans, elevations, building sections, wall sections, and details. The preparation of preliminary drawings and construction documents include sketching to scale and drawings produced by CAD software. The student demonstrates competency by studying, discussing, and producing these drawings and presenting them to the class as a way of working on relevant soft skills.

Credits 3

Lab/Practicum/Clinical Hours 2

Lecture Hours 2

Prerequisite Courses

ARET 103C

ARET 120C

Corequisites

For ARET and CVET students, this course is integrated with ARET 192C; therefore, it is recommend that they are taken together.