

ARCH 1241: Design Communication I

3 Credit Hours

This course offers lecture and practicum providing fundamentals of design communication through principles of drawing conventions and related techniques including orthographic projections, paraline drawings, and perspective construction systems to represent design ideas and built forms. This involves use of manual media, 2D image manipulation and 3D modeling using digital media. The intention of the course is to develop visual literacy through visual thinking and to develop skills to represent objects and simple buildings in both two and three-dimensions.

ARCH 2003: Architecture Studio III

4 Credit Hours

Prerequisite: ARCH 1002

This course builds on the design thinking skills developed during first year studios. This course initiates the application of research from site, context and case studies in the design process and emphasizes design concept development. Projects initiate the design of interior and exterior conditions, site design and the architectural design of structural systems.

ARCH 2004: Architecture Studio IV

4 Credit Hours

Prerequisite: ARCH 2003

This course continues the development and use of generative design concepts begun in Architecture Studio III with projects of increased size and scope. Building programming and basic building codes are introduced and emphasis is placed on the introductory design of materials and material systems.

ARCH 2013: Accelerated Studio III

6 Credit Hours

Prerequisite: ARCH 1012

This course concentrates on shaping, organizing, and designing architectural spaces using spatial and compositional strategies derived from site, climate, program, precedent, and architectural case studies. The focus is on the identification and manipulation of the elements of design, understanding spatial relationships between the human body and various spatial systems, immediate site and environmental context in design. Projects may vary from exploration of architectural design vocabularies in built forms to single and multi-function spaces with site constraints.