

ARCH 4117: Thesis Prep

2 Credit Hours

The course prepares students to develop topics for their Thesis Proposal. Students must develop a clear design premise supported with research and a clear methodology to develop a robust thesis proposal for their thesis Project.

ARCH 4224: Professional Practice I: Codes and Technical Documents

3 Credit Hours

This course offers lecture and practicum. It introduces Standard Building Code, N.F.P.A. 101 and A.D.A and / or International Building Code. Emphasis is placed on theory of building safety, code document organization and the application of codes to actual buildings. The learning of codes is further extended by applying the code knowledge to producing an actual set of technical [contract] documentation of an assigned architectural project.

ARCH 4225: Professional Practice II – Cost Control

2 Credit Hours

This course introduces methods commonly used concepts of building economics to create budgets for the construction cost of commercial building projects from conceptual discussions with the Owner and the early stage of development of the drawings and specifications. These methods are typically used by architects and general contractors for feasibility and value engineering and building economic studies. The focus of this course is to enable architectural students to effectively create realistic estimates of probable economic cost for their clients and thereby work as a team member with the Owner and General Contractor to establish and maintain a project budget throughout the process of project design and construction.

ARCH 4226: Professional Practice III: Practice and Ethics

3 Credit Hours

This course introduces the study of professional ethics, laws governing the practice of architecture and contractual relationships. It seeks to develop a working knowledge of how the American Institute of Architects (AIA) Document Series influences the method and legality of architectural practice. It emphasizes office management, professional liability and insurance, the owner-architect agreement, the architect- consultant agreement, owner-contractor agreement, bidding procedures and conditions of the contract management.