ARCHT-104: Architecture: Theory and CADD 4

Course Description:

This is the final studio in the series of four studio courses which constitute the core of the Architectural Technology Program. Students will be expected to use the knowledge gained in the three previous studio courses in the development of a design project of their own choosing and the associated construction documentation. Students will use the computer in the development of this final project. Additional computer work will include product research, integration with budgeting, estimating and specification writing.

Total Credits: 5.00

Course Competencies

1. Demonstrate ability to apply color and graphic information about a significant building.
2. Demonstrate ability to select capstone project and collect relevant information from Clients, Industry sources and Municipal agencies/departments.
3. Write a basic building program using information gathered for the selected project.
4. Analyze and graphically represent an architectural response to zoning and site information gathered.
5. Use program developed to define the architectural design concept. Continuously refine design in schematic and design development phases of the project.
6. Use building code and zoning information review as checklist for design viability.
7. Present design development drawings before class for feedback and discussion.
8. Produce a set of working drawings for project - Site plan, Floor plans, Elevations, Sections, Details, Schedules, Mechanical & Electrical schematics etc.
10. Assemble Project Manual and Drawing set for Presentation review.

3/2/2018