ARCHITECTURAL (ARC)

ARC-185 Architectural Photoshop Techniques (1)
Uses the capabilities of Photoshop to create architectural renderings. Focuses on understanding processes and developing techniques to enhance presentations. Arts & Sciences Elective Code: B
Hours per week: 1.0 lecture

Prerequisite: Minimum C in ARC-195 or INT-126.

ARC-205 Design Studio-Residential (6)
Simulates work in an architectural (residential) design firm through real-life projects, employer/employee expectations, client additions/revisions and deadlines. Focuses on using BIM (building information modeling) software. Develops skills with file management, organization of architectural information, attention to detail, concept drawings, converting preliminary concept drawings into presentation drawings, construction documents and renderings. Emphasizes both teamwork, peer evaluation and general problem solving. Arts & Sciences Elective Code: B
Hours per week: 2.0 lecture, 8.0 lab

Prerequisite: Take CAD-201.

ARC-207 Design Studio-Commercial (6)
Focuses on the creation, documentation, and presentation of an original (commercial) design solution using 3D modeling software and BIM. Work will begin from a program spreadsheet and proceed through diagrammatic programming, iterative schematic-design-level documents and presentations, and culminate in a single design-development-level document and presentation to a jury. Emphasis is placed on iterative design and presentations with which a hypothetical client might alter and ultimately choose a single solution for development. Includes solving basic design issues related to programming, building code, structure, site development, client's aesthetics, lighting, etc. Arts & Sciences Elective Code: B
Hours per week: 2.0 lecture, 8.0 lab

Prerequisite: Take CAD-201.

ARC-924 Honors Project (1)
Allows a qualified honors student to pursue a special concentration of study under the guidance of a faculty member. Requires completion of an honors project contract. May be taken more than once. Arts & Sciences Elective Code: B; Comments: Requires approval of supervising professor and dean
Hours per week: 1.0 lecture

ARC-928 Independent Study (1-3)
Provides readings, papers and basic research or other projects under the individual guidance of a staff member. Arts & Sciences Elective Code: B; Comments: Permission of instructor, dean
Hours per week: 1.0 lecture