ARCHITECTURE (ARCHITC)

Architecture (ARCHITC) 104
History Of Architecture I
The study of the development of early architecture through the mid-18th century. Writing assignments, as appropriate to the discipline, are part of the course.
Eligibility for ENGLISH 101 based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.
3 Lecture hours. 3 Credit Hours.
Offered At: HW, KK, TR, WR

Architecture (ARCHITC) 105
History Of Architecture II
The study of architecture since the mid-18th century. Writing assignments, as appropriate to the discipline, are part of the course.
Eligibility for ENGLISH 101 based on prior coursework or CCCRTW, ACT, or SAT test scores, or Consent of Department Chairperson.
3 Lecture hours. 3 Credit Hours.
Offered At: HW, KK, TR, WR

Architecture (ARCHITC) 110
Architectural Sketching
Introduction to the observational sketching of architectural subjects. Writing assignments, as appropriate to the discipline, are part of the course.
4 Laboratory hours. 2 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 121
Basic Design Studio
Introduction to visual and organizational design principles for the generation of spatial and formal ideas. Use of graphic techniques and physical modeling for representation. Writing assignments, as appropriate to the discipline, are part of the course.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 122
Intermediate Design Studio
Continuation of ARCHITC 121. Emphasis on the design and articulation of space and its representation. Introduction to spatial concepts of perception and order. Writing assignments, as appropriate to the discipline, are part of the course.
Grade of C or better in ARCHITC 110 and ARCHITC 121, or consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 123
Advanced Design Studio
Continuation of Architecture 122. Emphasis on architectural analysis and design process. Integration of analog and digital tools and media. Writing assignments, as appropriate to the discipline, are part of the course.
Grade of C or better in ARCHITC 122 and ARCHITC 171, or consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 166
Architectural Design I
Examination of criteria influencing residential design: program, context, municipal regulations, dimensional standards, and anthropomorphic data. Introduction to typologies, organizational strategies and precedents for architectural problem solving. Application of the skills of visual communication and design methodologies. Writing assignments, as appropriate to the discipline, are part of the course.
Eligibility for ENGLISH 96, and grade of C or better or concurrent enrollment in ARCHITC 122, and Grade of C or better or concurrent enrollment in ARCHITC 171, or consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 170
Digital Lab I
Introduction to the methods of generation and representation of spatial and formal ideas. Use of software applications and a range of output methods. Writing assignments, as appropriate to the discipline, are part of the course.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 171
Digital Lab II
Three-Dimensional modeling and rendering of spatial and formal constructs using software applications appropriate to the discipline. Writing assignments, as appropriate to the discipline, are part of the course.
Grade of C or better in ARCHITC 170 or Consent of Department Chairperson.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 172
Digital Lab III
Introduction to the assembly of construction drawings for architectural projects. Use of software applications, as appropriate to the discipline. Writing assignments, as appropriate to the discipline, are part of the course.
Grade of C or better in ARCHITC 170 or Consent of Department Chairperson.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 173
Architecture-CAD with Third Party Applications
Introduction to third party programs used to develop architectural designs and construction documents via Computer-Aided Design (CAD). Add-on programming to the base drafting package AutoCAD. The student will have hands-on experience with automated architectural programs that streamline management of file handling and the basic command structure. Utilization of comprehensive library symbols with smart features. Writing assignments, as appropriate to the discipline, are part of the course.
Grade of C or better in ARCHITC 171 or Consent of Department Chairperson.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR
Architecture (ARCHITC) 174
Computer Aided Design V for Architectural Drafting
Introduction to third party programs used to develop architectural designs and construction documents via Computer-Aided Design (CAD). Add on program to the base drafting package AutoCAD. The students will have hands on experience with 3-D studio. This course will include three-dimensional modeling with complete rendering. The model will include texture of materials, various lighting schemes with shade and shadow. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in ARCHITC 171 or Consent of Department Chairperson.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 202
Construction I
Study of the materials and methods of building construction. Emphasis on architecture framed in wood and light-gauge metal. Application of the skills of graphic communication through the generation of construction drawings. Writing assignments, as appropriate to the discipline, are part of the course.

Eligibility for ENGLISH 96, and grade of C or better or concurrent enrollment in ARCHITC 172, or consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 204
Construction II
Study of the materials and methods of building construction. Emphasis on architecture having assemblies of masonry, concrete and steel. Application of the skills of graphic communication through the generation of construction drawings. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in ARCHITC 202, or Consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 220
Portfolio Development
Design and compilation of an architectural portfolio for employment and transfer. Preparation of materials that supplement the portfolio. Overview of interview protocols and processes. Writing assignment, as appropriate to the discipline, are part of the course.

Grade of C or better in ARCHITC 123 and ARCHITC 171; and a grade of C or better or concurrent enrollment in ARCHITC 266, or consent of Department Chairperson.
2 Laboratory hours. 1 Lecture hours. 2 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 230
Structural Fundamentals
An introduction to the concepts and design of structural systems in architectural applications. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better or concurrent enrollment in ARCHITC 204; Grade of C or better in PHYSICS 221; or Consent of Department Chairperson.
2 Laboratory hours. 2 Lecture hours. 3 Credit Hours.
Offered At: HW, WR

Architecture (ARCHITC) 266
Architectural Design II
Continuation of Architecture 166. Emphasis on mid-size commercial and institutional building types in urban contexts. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in ARCHITC 166, or Consent of Department Chairperson.
4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.
Offered At: HW, WR