

Architectural Technology

ARCHITECTURE AND ENGINEERING DESIGN DEPARTMENT

Major 20201

This program is intended to prepare students to enter the field of architecture and related areas. The student is provided with an option of direct employment into the field or preparation for transfer to the professional school of architecture. The student will be required to develop both design and working drawing portfolios. Current technology and computer (CADD) skills are integrated into the program. A certificate program is also available.

Requirements for the Major

Required courses:

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| ARCH 10 | Design I – Elements of Design | 3.0 | CSU |
| ARCH 11 | Architectural Drawing | 3.0 | CSU, UC |
| ARCH 12 | Architectural Materials and Specifications | 3.0 | CSU |
| ARCH 13 | Architectural Illustration | 3.0 | CSU, UC |
| ARCH 14 | Building and Zoning Codes | 3.0 | |
| ARCH 15 | Architectural Working Drawings – I | 3.0 | CSU |
| ARCH 16 | Basic CAD and Computer Application | 4.0 | CSU, UC |
| ARCH 18 | Architectural Computer Aided Design Elements | 3.0 | |
| ARCH 21 | Design II – Architectural Design | 3.0 | CSU |
| ARCH 23 | Architectural Presentations | 3.0 | CSU |
| ARCH 26 | Architectural CAD Working Drawings | 3.0 | |
| ARCH 27 | Design III – Environmental Design | 3.0 | CSU, UC |
| ARCH 28 | Architectural CAD 3-D Illustration and Animation | 3.0 | CSU |
| ARCH 29 | Design IV – Advanced Project | 3.0 | CSU |
| EDT 20 | Technical Descriptive Geometry | 3.0 | CSU |

TOTAL UNITS 46.0

Recommended Electives:

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| AHIS 5 | History of Western Art: Renaissance Through Modern |
| ARCH 89 | Architectural Work Experience |
| ARTD 15A | Drawing: Beginning |
| ARTD 20 | Design: Two Dimensional |
| ARTS 22 | Design: Three-Dimensional |
| EDT 26 | Civil Engineering Technology and CAD |
| ID 130 | Applied Color and Design Theory |
| INSP 67 | Reading Construction Drawings |
| INSP 70 | Elements of Construction |
| INSP 71 | Construction Estimating |

ARTA, ARTC, ARTD, ARTS, and ID courses are recommended for transfer portfolios.

The Architectural Technology Faculty recommend that students complement their studies with selected elective courses chosen from the list above. Students should meet with a professor of Architectural Technology to help them determine which electives would best suit their career plans.