

Architecture

Architectural Technology Degree — CADD

Degree: Associate in Applied Science

Total Required Credits for Degree: minimum of 67

Program Requirements: 52

Program Electives: 6

General Education Credits: 9*

Code: 3921

About the Program

The Architectural Technology degree includes the core group of architecture courses as well as courses designed to prepare students for immediate entry into the workplace as a drafter.

Program web site: www.cod.edu/architecture

Key First Semester Courses

The following is for full-time students starting during fall semester. If you are working 20 or more hours per week, it is recommended that you take fewer hours. Contact the architectural adviser for course selections if you will be part-time or starting in spring or summer.

Arch 1100	Introduction to Architecture	3
Arch 1101	Basic Architectural Drafting	2
Arch 1121	Architectural Design Communication	4
Arch 1211	Basic Computer-Aided Drafting — AutoCAD	3
Engl 1101	English Composition I	3
	(Requires Placement Test)	

Program Requirements

Arch 1100	Introduction to Architecture	3
Arch 1101	Basic Architectural Drafting	2
Arch 1111	Building Materials	4
Arch 1121	Architectural Design Communication	4
Arch 1131	Introduction to Architectural Design	4
Arch 1211	Basic Computer-Aided Drafting — AutoCAD	3
Arch 1212	Advanced Computer-Aided Drafting — AutoCAD	3
Arch 2102	Detailing and Construction Documents	5
Arch 2210	Mechanical, Electrical and Plumbing Systems	3
Arch 2220	Architectural Computer Modeling	2
Arch 2230	Structural Systems	3
Arch 2240	Codes, Specifications and Contracts	3
Engl 1101	English Composition I	3
Physi 1201	General Physics I	5
Math 1431	Precalculus I	5
Total		52

Program Electives

Select 6 credits from the following courses:

Arch 2260	Construction Estimating	3
Arch 2840	Architectural Experimental/Pilot Class ..1 to 6	
CIT 1121	Networking Basics	3

Inter 1120	Interior Systems	2
Inter 1170	Environmental Materials and Applications ..3	
Photo 1101	Foundations of Digital Photography	3

*General Education Requirements

Each candidate for an Associate in Applied Science (A.A.S.) degree shall satisfactorily complete a minimum of 18 credits in General Education. For the Architectural Technology degree, some General Education courses are already listed under program requirements. Therefore, students need 9 General Education credits besides those listed under program requirements.

Use the *Student Planning Worksheet* or consult a list of General Education categories and courses for the A.A.S. degree to decide what needs to be taken. Links can be found on the Architecture online program guide (go to www.cod.edu/academic and select “Architecture” from the drop-down menu).

Under the specified General Education headings below, the following courses are required or recommended for the Architectural Technology degree:

Communications: 6 credits required

Required course: English 1101 (already listed under Program Requirements)

Physical/Life Sciences: 3 to 5 credits required

Select at least one course with a lab component.

Required course: Physics 1201 (already listed under Program Requirements)

Mathematics: 3 to 5 credits required

Required course: Mathematics 1431 (already listed under Program Requirements)

Humanities and Fine Arts: 3 credits required

Recommended course: Art 1101, 1151, 1152, 2211, 2212, 2213

Social and Behavioral Sciences: 3 credits required

Recommended course: Psychology 1100

Additional A.A.S. Degree Requirements

A minimum of 2 credits must be completed from the list of courses in the Global/Multicultural Studies or Contemporary Life Skills category.

Required course: Architecture 1100 or 1121 (already listed under Program Requirements)

Advisers

If you are considering this program as an area of study, consult with an adviser in this field:

	Location	Phone
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