



Architectural CAD Drafting Certificate 2018–2019

DESCRIPTION:

Over the past couple of decades, CAD drafting has become a necessary tool for architects, engineers, and other related professions. The courses in this certificate will provide students with training in the two most popular CAD programs in use today: AutoCAD and MicroStation. Upon completion of these courses, the student will have a functional understanding of how to use each program.

However, it should be emphasized that if the student wishes to have a greater understanding of architecture or engineering, additional coursework in the desired field should be pursued. A greater understanding of what one is drafting will be necessary for those seeking CAD drafting positions in today's job market. Therefore, this certificate is best suited for those individuals who already have an understanding of manual drafting or already have experience in a related field. For more information, see csc.edu/arch

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program. Students can enter the certificate program in any semester.

ONGOING REQUIREMENTS:

Students must maintain the minimum overall GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Certificate holders would assist architects and other design and construction professionals in preparing design and working drawings, specifications, as-built drawings, and much more. Many would also work for builders and contractors, land developers, remodelers, facility and property managers, and with building product manufacturers and retailers to prepare required drawings. A typical job title is Architectural Drafter.

Transfer:

The courses in this certificate are also required courses (ARCH 1120 and ARCH 1130) or elective courses (ARCH 1115) in the Associate of Applied Science Degree in Architecture.

CERTIFICATE REQUIREMENTS (ARCHITECTURAL CAD DRAFTING CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
ARCH 1120 Architectural CAD I	AU/SP/SU	1	
Semester Credits		1	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
ARCH 1130 Architectural CAD II	AU/SP	3	
Semester Credits		3	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
ARCH 1115 MicroStation 2D	AU/SU	2	
Semester Credits		2	
Total		6	

*AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.*