Computer-Aided Design – Architectural Concentration

Degree Type
Certificate

NHTI's Computer-Aided Design – Architectural Concentration certificate program teaches you to effectively create 2-D and 3-D drawings in computer-aided design (CAD) and to model and visualize 3-D objects for project presentations. It is available evenings and is financial aid-eligible.

Do you have questions? Contact Liaquat Khan, department chair, at lkhan@ccsnh.edu or 603-271-6484 x4221.

Career Information

This program prepares students for CAD operator positions in the fields of architecture and engineering.

Admission Requirements

Apply for this program today on our Admissions page with step-by-step instructions and enrollment pathways build just for you!

Curriculum

Item #	Title	Lecture Hours	Lab Hours	Credits
ARET101C	AutoCAD 2-D	3	0	3
IST102C	PC Applications	3	0	3
ARET102C	AutoCAD 3-D	3	0	3
ARET194C	Microstation	3	0	3
ARET103C	Architectural Graphics and Sketching	2	2	3
ARET192C	Revit Architecture	3	0	3
	Subtotal Credits	**17**	**2**	**18**
	Total Credits			**18**

Additional Information

Program Learning Outcomes

Graduates are able to:

- Understand drawing conventions.
- Use CAD software and other resources effectively in assignments and projects.
- Use CAD software to produce a coordinated set of A/E documents and presentations.
- Define and evaluate the needs of diverse projects.
- Develop work schedule to achieve assignments and project due dates.