

## CADD TECHNOLOGY

*Students starting in Fall 2026.*

The Computer Assisted Drafting and Design (CADD) Technology program will teach students how to develop detailed working drawings for use in the construction of residential, maintenance, and commercial facilities. The program centers on the basic techniques of drafting –quality, print reading, and problem solving. Students will be introduced to the principles of Building Information Management (BIM) utilizing computer-aided design processes to produce detailed working drawings. Successful graduates may find employment with architectural and engineering firms, general contractors, material suppliers, structural fabricators, or modular and component manufacturers. Along with a variety of other manufacturers and industries. *(Enrollment in this program is limited and is based on the date of application.)*

### Required Program of Study for Associate of Applied Science Degree (2 years)

#### FIRST YEAR

Fall Semester	
Course	Credits
ARCH 1160 Fundamentals of Drafting .....	3
ARCH 1230 Introduction to Revit .....	4
ARCH 1270 Introduction to AutoCAD .....	4
ENGL 1050 Workplace Communication* .....	3
MATH 1020 Technical Mathematics I* .....	3
	17

Spring Semester	
Course	Credits
ARCH 1120 Materials of Construction .....	3
ARCH 1130 Introduction to Construction Documents ...	3
ARCH 2260 Introduction to Inventor .....	3
MATH 1060 Technical Mathematics II* .....	3
INFO 1000 Basic Computer Applications* .....	2
ECON 1010 Personal and Business Finance* .....	2
	16

#### SECOND YEAR

Fall Semester	
Course	Credits
ARCH 2115 Architectural Drafting .....	6
ARCH 2100 Survey and Site Planning .....	3
ARCH 2150 Civil Drafting .....	2
ARCH 1280 Introduction to SolidWorks.....	4
PSYC 1000 Human Relations* .....	2
	17

Spring Semester	
Course	Credits
ARCH 2010 Structural Drafting .....	7
ARCH 1220 Estimating for Construction .....	3
ARCH 1230 Advanced Revit.....	4
ARCH 2220 Structural Connections.....	4
	18
<b>Total Credit Hours</b>	<b>68</b>

\*Course fulfills a general education requirement for Northeast Community College. See general education requirements.