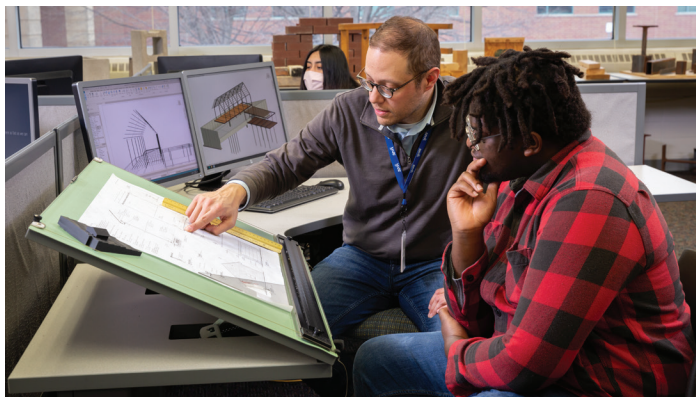


# Architectural Technology

PROGRAM CODE: 10-614-1



Associate Degree



COURSE	CREDITS
ARCHT-101	Architectural Theory and Drawing 1 ..... 4
ARCHT-105	Architectural History..... 2
ARCHT-110	Computer Applications for Architecture ..... 2
ARCHT-121	Architectural Materials and Methods 1 ..... 2
ENG-195	Written Communication ‡ ..... 3 (or) ENG-201 English 1 ‡
MATH-115	College Technical Mathematics 1 ‡ ..... 5 (or) MATH 201 College Algebra ‡
ARCHT-112	Architectural Theory and CADD 2 ‡ ..... 4
ARCHT-120	Structural Systems and Components ‡ ..... 3
ARCHT-122	Architectural Materials and Methods 2 ‡ ..... 3
ENG-196	Oral/Interpersonal Communication ‡ ..... 3 (or) Any 200-level ENG or SPEECH course
MATH-116	College Technical Mathematics 2 ‡ ..... 4 (or) MATH 202 Trigonometry ‡
ARCHT-103	Architectural Theory and CADD 3 ‡ ..... 5
ARCHT-131	Mechanical and Environmental Systems 1 ‡ ..... 2
ELECTIVES	(Two credits) ..... 2
PHYS-139	Survey of Physics ..... 3 (or) PHYS-221 College Physics 1 ‡
PSYCH-199	Psychology of Human Relations..... 3 (or) Any 200-level PSYCH course
ARCHT-104	Architectural Theory and CADD 4 ‡ ..... 5
ARCHT-107	Building Estimating..... 2
ARCHT-132	Mechanical and Environmental Systems 2 ‡ ..... 2
ARCHT-141	Architectural Practices and Procedures ‡ ..... 2
SOCSCI-197	Contemporary American Society ..... 3 (or) Any 200-level HIST or SOCSCI course

**Location:** Downtown Milwaukee Campus

**Start Dates:** August

**Admission Requirement:** High school diploma or GED and one year of high school-level algebra and geometry

**Transfer:** Will transfer to one or more four-year institutions

**Financial Aid Eligible:** Yes.

Apply at [fafsa.gov](https://fafsa.gov). Use School Code 003866.

### Program Description

This program prepares students for work in fields related to architecture and construction. Students are introduced to architectural design and drafting through sketching techniques and then receive extensive training in computer-aided drafting and Building Information Modeling (BIM) using AutoCAD and Revit BIM software. Construction materials and methods, architectural practices, building codes, and mechanical and environmental systems also are studied.

### Career Outlook

Architectural technicians are in demand. They work with architects, engineers, contractors, designers, and building material manufacturers and suppliers.

### Program Learning Outcomes

- Develop construction documents.
- Evaluate building materials.
- Develop building designs.
- Integrate building systems.



Complete Program Details

QUESTIONS? 414-297-6319 or [stempathway@matc.edu](mailto:stempathway@matc.edu)

### CREDITS

Total credits needed to complete this degree

# 64

‡ Prerequisite required.

Program curriculum requirements are subject to change.

**Current MATC students should consult their Academic Program Plan for specific curriculum requirements.**