



Architectural Drafting/Construction Technology

60-credit Associate of Applied Science Degree

www.wctc.edu/architectural-tech

If you like creating precise technical blueprints and plans, have an interest in the tools and materials used to construct houses, buildings and other structures, a career in the architectural drafting/construction technology field might be a good fit for you. Those working in this field are practical, hands-on problem solvers.

About This Program

Architectural drafters work with engineers or architects to create technical design solutions as they relate to a building's functionality, performance and aesthetics. In this program, develop knowledge of building materials, systems and construction technology to produce drawings for construction from computer-aided drafting (CAD) applications or cutting-edge, computer-generated virtual models.



Career Salaries

\$44,600 – \$69,100 annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.



Potential Careers

- Drafter
- CAD Technician
- Architectural Designer
- Project Manager
- Architectural Illustrator/Modeler

What Makes This Program Unique

- Earn two degrees in three years by combining Architectural Drafting/Construction Technology with Interior Design. Learn more about this dual degree option.
- Join the Architectural Club and participate in architectural tours as well as social, educational, and service learning events.
- Compete in statewide and national SkillsUSA architectural drafting contests. WCTC has won numerous medals at state competitions in addition to a second and third place finish at the national competition in recent years.



PROGRAM CODE 10-614-5

CORE COURSES

Credits

304-127	ID/Arch Internship	1
304-129	Sales & Professional Develop	2
304-132	Manual Design Presentation	1
304-133	Digital Design Presentation	1
614-104	Architectural History	3
614-107	Intro to Drafting	3
614-110	Architectural AutoCAD	3
614-131	Introductory Revit	3
614-135	Construction Technology	3
614-128	Architectural Design Elements	2
614-132	Advanced AutoCAD	3
614-134	Architectural Building Codes	1
614-138	Structural Concepts	2
614-139	MEP Systems	1
614-141	Advanced Revit	3
614-146	Architectural Design Studio	4
614-151	Building Materials & Methods	2
614-152	Sustainable Building Concepts	3
614-159	Advanced Digital Presentation	2

GENERAL STUDIES

801-136	English Composition 1	3
801-196	Oral/Interpersonal Comm	3
804-114	College Technical Math 1B	2
806-143	College Physics 1	3
809-195	Economics	3
809-199	Psychology of Human Relations	3

