

ARCHITECTURAL TECHNOLOGY

Program Number: 10-607-5

Associate of Applied Science Degree

Campus: Fond du Lac

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

About the Program

Moraine Park's Architectural Technology Associate of Applied Science program provides the knowledge and experience in planning and design that are needed in the construction industry today.

What You'll Learn

Serve as a team support member to architects, engineers, surveyors, and mechanical contractors to help plan and design the construction of buildings, highways, bridges, utilities and other major infrastructure projects. Students apply computer-aided design (BIM/CAD) skills to architectural, structural and related designs. Graduates may find employment with architectural firms, civil/structural/mechanical engineering firms, general and mechanical contractors, surveyors, municipalities and public utilities.

Transfer Opportunities

Your academic journey can continue at a four-year college or university. Earn your associate degree at Moraine Park and then apply those credits toward a bachelor's degree. Starting at MPTC makes completing a bachelor's degree **affordable**, **accessible** and **convenient**. You can go anywhere as MPTC has transfer agreements with colleges and universities both in Wisconsin and throughout the country.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

Credit for Prior Learning

Transform the skills and abilities developed through previous experience into college credit through MPTC's Credit for Prior Learning process.

- Transfer credit from other colleges/universities
- Earn college credit for your military training and experience
- Earn college credit via Advance Placement, CLEP, DANTEs/DSST or MPTC Challenge Exams
- Earn college credit from previous/current work and life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/credit-for-prior-learning/>) page for more information.

Approximate Costs

Tuition

Occupational

- \$157.45 per credit (resident)
- \$236.18 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- \$196.05 per credit (resident)
- \$294.08 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

Student Fees

- \$6.00 minimum per course Material Fee
- \$14.17 per-credit Supplemental Fee for Undergraduate courses
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Cost of Tuition and Fees (<https://catalog.morainepark.edu/billing/cost/>) for additional enrollment fee information.

Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received.

Several factors influence the total cost of your degree, including enrollment fees, the number of credits required, textbooks and equipment. [Financial aid](https://www.morainepark.edu/pay-for-college/financial-aid/) (<https://www.morainepark.edu/pay-for-college/financial-aid/>) can assist with those costs.

Course Requirements

Course	Title	Credits
Semester 1		
103-159	Computer Literacy - Microsoft Office	1
607-116	Architectural Technology and Drafting	4
607-178	Revit	3
801-136	English Composition 1	3
804-195	College Algebra with Applications	3
890-101	College 101	2
Credits		16
Semester 2		
607-110	Civil Drafting Fundamentals	4
607-135	Construction Surveying	3
607-176	AutoCAD I	3
801-196	Oral and Interpersonal Communication	3
804-196	Trigonometry with Applications	3
Credits		16
Semester 3		
607-114	Structural Drafting	4
607-122	Mechanical Construction	3
607-131	Structural Analysis 1	3
607-140	Soils and Foundations	3
Social Science Course (https://catalog.morainepark.edu/program-information/general-education/behavioral-social-science/)		3
Credits		16
Semester 4		
607-124	Construction Estimating	2
607-132	Structural Analysis 2	3

607-137	Site Development	3
607-151	Technical Problems	4
Behavioral Science Course (https://catalog.morainepark.edu/program-information/general-education/behavioral-social-science/)		3
Credits		15
Required Elective Credits		
Required Elective Credits (can be taken any semester)		3
Credits		3
Total Credits		66

Program Outcomes

- Prepare presentation drawings
- Prepare structural design plans
- Apply basic survey principles
- Design site plans
- Design architectural plans

Career Opportunities

- Architectural Designer
- Architectural Technician
- Design BIM/CAD Technician
- Construction Estimator
- Construction Inspector
- Construction Manager
- Construction Surveyor
- Engineering Technician
- Public Utility Technician

Estimated Salary Range

Average annual salaries for local workers in this career field range from \$45,982 (entry level) to \$63,836 (experienced worker).

Salary range estimates are based on wages for related occupations in the Moraine Park District as reported by Lightcast. Individual wages vary based on experience, industry, location and specific job requirements.