

# 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

- \$149.50 per credit (resident)
- \$224.25 per credit (out-of-state resident)

### Associate of Arts/Associate of Science

- \$188.90 per credit (resident)
- \$283.35 per credit (out-of-state resident)

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

### Student Fees

- \$5.00 minimum per course Material Fee
- \$12.50 per-credit Supplemental Fee for Undergraduate courses
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) 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. Visit the Financial Aid (<https://www.morainepark.edu/pay-for-college/financial-aid/>) page to learn more.

While attending Moraine Park during the 2024-25 school year, your estimated cost of attendance for one full year includes tuition of \$4,462 (15 credits for fall and spring semester), fees of \$338, food and housing of \$3,008 (if living with parents, \$9,147 if living on your own), books and supplies of \$1,465, personal expenses of \$3,608, and transportation of \$4,017 for a total of \$17,002. Your direct costs (those costs paid directly to the college) include tuition & fees. The indirect costs (costs not paid to the college) can vary from individual to individual and your own personal needs.

## Course Requirements

Course	Title	Credits
<b>Semester 1</b>		
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
<b>Credits</b>		<b>16</b>
<b>Semester 2</b>		
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
<b>Credits</b>		<b>16</b>
<b>Semester 3</b>		
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 ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/">https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/</a> )		3
<b>Credits</b>		<b>16</b>
<b>Semester 4</b>		
607-124	Construction Estimating	2
607-132	Structural Analysis 2	3
607-137	Site Development	3
607-151	Technical Problems	4
Behavioral Science Course ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/">https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/</a> )		3
<b>Credits</b>		<b>15</b>
<b>Required Elective Credits</b>		
Required Elective Credits (can be taken any semester)		3
<b>Credits</b>		<b>3</b>
<b>Total Credits</b>		<b>66</b>

## 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

## Statewide Median Salary for Recent Graduates

\$46,522