

MOLD DESIGN CERTIFICATE

Program Number: 97-617-2

Certificate

Campus: West Bend, some courses available at the Fond du Lac campus. This program is **not** eligible for financial aid

Are you creative, detail-oriented and enjoy working with machinery? Tap your artistic side and advance your manufacturing career with a certificate in mold design from Moraine Park Technical College.

About the Program

Moraine Park's mold designer training program was developed for people with a background in manufacturing, machining, mold set-up or an associate degree in Mechanical Design Technology (<https://catalog.morainepark.edu/programs/mechanical-design-technology-aas/>). This certificate is also perfect for tool and die maker journey persons interested in moving into a design role in their field.

What You'll Learn

In addition to mold design, tool design, jig and fixture design, students gain hands-on experience using 3D CAD software programs including SolidWorks.

Transfer Opportunities

Earn credits at MPTC and transfer to a four-year college to earn your bachelor's degree.

Visit the Transfer Opportunities (<https://www.morainepark.edu/academics/transfer-information/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

Earn college credit outside the classroom through Moraine Park's Credit for Prior Learning (CPL) opportunities. Credit opportunities are available for:

- Previous college coursework from prior institutions
- Military training and experience
- Passing of MPTC or national exams
- Skills or knowledge developed on the job or through other life experiences

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

Approximate Costs

- \$141.00 per credit (resident)
- \$211.50 per credit (out-of-state resident)
- Online students are not charged out-of-state fees.

- Please refer to the MPTC Student Handbook (<http://www.morainepark.edu/studenthandbook/>) for additional enrollment fee information.

Course Requirements

Course	Title	Credits
Semester 1		
617-114	CAD 3-D SolidWorks	3
617-115	Jig and Fixture Design	3
617-123	Advanced SolidWorks Assembly Modeling	3
617-149	Tool Design	4
617-152	Mold Design 2	3
617-153	Mold Design 3	3
Credits		19
Total Credits		19

Pathways

- Mechanical Design Technology Associate Degree (<https://catalog.morainepark.edu/programs/mechanical-design-technology/>)
 - Die Design Certificate (<https://catalog.morainepark.edu/programs/die-design-certificate/>)
 - Mold Design Certificate (p. 1)

Earn certificates and an associate degree along this pathway. Start with some courses for entry-level employment, and continue with additional courses for higher wages and job advancement.

Career Opportunities

- Mold Designer
- Die Cast Die Designer
- Tool Designer
- Product Designer