Digital Sculpting
at Macomb Community College

From Cars to Stars

Hand-sculpted clay models once played a major role in the creative design process, producing the prototypes of everything from concept cars to starships.

Computer-aided design (CAD) changed everything—however, employers in many industries agree that nothing beats the ability to look at, walk around, touch and fine-tune the curves and angles on a clay model.

With renewed and increasing demand for staff with skills in both areas, Macomb’s new Product Development—Digital Sculptor Program, the only one offered by a community college in Michigan, will help fill a talent pipeline that has been neglected for a generation.

The Program

Macomb’s Product Development—Digital Sculptor Program will cultivate your technical and creative skills to prepare you for work in an industrial design studio. Your courses will cover:

- digital manufacturing
- computer numerical control (CNC) applications
- conceptual drawing
- rendering techniques
- clay modeling
- and the drafting, modeling and assembly features of industry-specific software

Classes are held at or near Macomb’s South Campus.

An Associate of Applied Science Degree and Certificate are offered.

FOR MORE INFORMATION
To learn more about the Product Development—Digital Sculptor Program, please visit www.macomb.edu, or call the Macomb Community College Engineering and Advanced Technology Department at 586.445.7435.
Discover the Advanced Manufacturing and Design Program that's right for you!

- CNC Machining (Advanced Processes)
- Automated System Technology—Mechatronics
- Fluid Power Technology
- Manufacturing Engineering
- Manufacturing Engineering Technology
- Product Development—Digital Sculptor
- Robotics
- Welding

Employment Outlook

Joseph M. Bione, president and CEO of ASC, says, "We see this partnership as a way to utilize some of our highly skilled artisans in ways that will serve our industry, our clients and ourselves in a powerful way. By working with Macomb Community College, we can keep clay modeling alive while enhancing the company's reputation as an industry leader and the career prospects of talented students."

The average local entry-level salary for program graduates is expected to be $67,500.

For more career information, visit the U.S. Department of Labor's CareerOneStop website at www.acinet.org.