

*The Macomb instructors were grade 'A' awesome. They are in the industry and have the most accurate knowledge of how (digital sculpting) skills would be transferred within real-world scenarios.*

—Ariana Patriquin, student in the pilot program

# Digital Sculpting

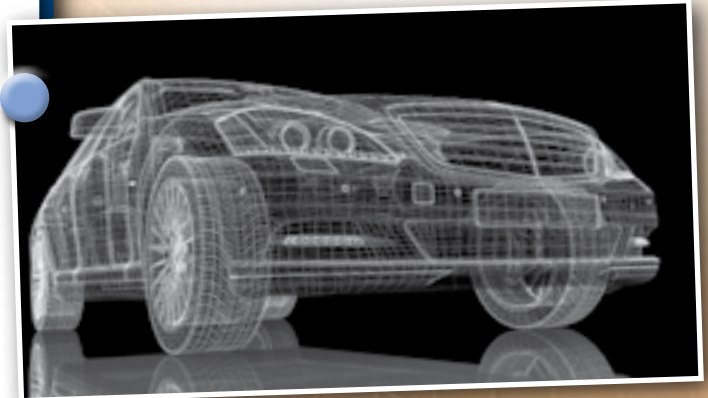
at Macomb Community College

## 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 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](http://www.macomb.edu), or call the Macomb Community College Engineering and Advanced Technology Department at 586.445.7435.



**Macomb  
Community College**

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## 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



### YOU HAVE OPTIONS

As a Macomb student, you are able to plan a personalized pathway that takes you through your time at Macomb, and beyond. You're encouraged to speak with the academic advisor for Engineering & Advanced Technology as soon as possible after you have applied to Macomb, to discuss appropriate classes, transfer of credits to a four-year school, and other decisions that lie ahead.

South Campus  
Building S, Room 145  
586.445.7993

Email: [answer@macomb.edu](mailto:answer@macomb.edu)

### LOOKING FOR A JOB?

Contact Career Services  
586.445.7321  
[careerservices@macomb.edu](mailto:careerservices@macomb.edu)

For general information about Macomb Community College, visit [www.macomb.edu](http://www.macomb.edu) call 866.Macomb1 (866.622.6621) or email [answer@macomb.edu](mailto:answer@macomb.edu).



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## 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](http://www.acinet.org).

#### Gainful Employment Disclosure

For information about program cost, on-time completion rates, typical student debt, and other important information, visit: Product Development-Digital Sculpting, Certificate: <https://www.macomb.edu/ge/PRDEDIGSCULPCT/>



Two years at Macomb equals a tremendous savings—about \$15,000—compared to attending a Michigan four-year public university. Approximately 80 percent of Macomb students leave the college DEBT FREE.