I was always fascinated by engineering. Maybe it was an attempt to get my father’s respect or interest, or maybe it was just a genetic love of technology, but I was always trying to build things.
—James Cameron, motion picture director ("Titanic," "Avatar")

Pre-Engineering at Macomb Community College

What is Pre-Engineering?
The ingenuity of Engineering can be seen in the Pyramids of Egypt, the Parthenon in Greece, the Colosseum in Rome, and the Great Wall of China. But it can also be seen much closer: in the car you drive, the bridges you cross, the plane you board, the technology you use and even the fibers in the clothes you wear.

Macomb’s Pre-Engineering Program is your gateway to a career in Engineering, as well as a great opportunity to discover if there is one branch of Engineering you may want to specialize in.

The Program
The Pre-Engineering Program at Macomb is designed to provide students with the basic competencies, knowledge, and skills required to transfer to a baccalaureate degree program in Engineering.

In the Pre-Engineering Program, you will take a variety of courses specific to your selected major, including:
- General Chemistry
- Analytic Geometry & Calculus
- College Physics
- Introduction to Engineering
- Engineering Computer Elective
- Introduction to Linear Algebra
- Differential Equations

FOR MORE INFORMATION
For more information about the Pre-Engineering Program, contact the Associate Dean at Center Campus: 586.286.2282 or AandS.center@macomb.edu; or at South Campus: 586.445.7354 or AandS.south@macomb.edu.
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

LOOKING FOR A JOB?
Contact Career Services
586.445.7321
careerservices@macomb.edu

For general information about Macomb Community College, visit www.macomb.edu
call 866.Macomb1 (866.622.6621)
or email answer@macomb.edu.

Career Opportunities
With a Pre-Engineering–Associate of Science Degree or Certificate, job titles such as Electrical & Electronics Engineering Technician, Engineering Technician, Mechanical Engineering Technician and Machinery Mechanic are attainable.

Two years at Macomb equals a tremendous savings—about $18,000—compared to attending a Michigan four-year public university. Approximately 80 percent of Macomb students leave the college DEBT FREE.