

robotics@gcc

- ▶ Work with state-of-the-art equipment.
- ▶ Build practical, hands-on skills.
- ▶ Have fun!



COURSE OFFERINGS:

Robotics Courses

CIM 101: Intro to Robotics

Ticket #3936: (1st 8 weeks) MW 5:10–6:40pm

Build robots in a hands-on class while learning about actuators, mechanisms, and more

CIM 102: Automation

Ticket #3937: (2nd 8 weeks) MW 5:10–6:40pm

Program robot controllers and learn about the role of robotics in automated manufacturing processes

Engineering Courses

ENGR 101: Drafting & Design

Ticket #2435: (16 weeks) MW 6:55–10:05pm

Learn technical drawing and the fundamentals of engineering design

ENGR 111: SolidWorks

Ticket #2443: (16 weeks) MW 6:55–10:05pm

Learn Computer Aided Design and Drafting using SolidWorks software

ENGR 112: Adv. SolidWorks

Ticket #2538: (16 weeks) MW 6:55–10:05pm

Learn advanced SolidWorks modeling skills, including assembly models, solid and surface modeling, design analysis, and integration with Computer Aided Manufacturing

Manufacturing Courses

CAM 210: CAM Basic Milling

Ticket #3885: (16 weeks) M 6:55–10:05pm

Learn how to program machines to make parts for robots, cars, and more

CAM 230: CAM Milling Practice

Ticket #2416: (16 weeks) Th 6:55–10:05pm

Practice making machined parts on Computer Numerical Controlled machines

Welding 125: TIG Welding

Ticket #3938: (16 weeks) F 1:40–4:50pm

Learn about tungsten inert gas welding

These classes may appear closed, but email Dr. Tom Voden for enrollment information.

Visit www.glendale.edu to view course times or email tvoden@glendale.edu for more information.