



What is the MET² Program?

The MET² Program prepares students to enter the workforce by integrating relevant technical skills with necessary professional, social & entrepreneurial skills.

The Mechanical and Manufacturing Technologies for Energy and Sustainability (MET²) Program better prepares community college and university mechanical and manufacturing engineering and technology students with technical, social, professional, and entrepreneurial skills that are required to meet today’s workforce demands.

The advantage of the MET² Program is that it prepares students to not only learn critical thinking and relevant technical skills including:

- ❖ SolidWorks and 3D Printing
- ❖ Electronic circuitry
- ❖ Composite and Smart Fabrics
- ❖ Blueprint Reading
- ❖ CNC Machining Process
- ❖ Manufacturing Process

We are seeking students from both community colleges and universities to participate in this hands-on engineering and technology program.

The MET² Program also prepares students to enter the workforce with necessary professional and entrepreneurial skills including:

- ❖ Emotional Intelligence(EQ)
- ❖ Leadership
- ❖ Teamwork
- ❖ Behavioral Diversity skills (DISC)
- ❖ Networking
- ❖ Time Management

MET² Program provides genuine, real-world challenges or problems to fuel projects explored by self-managed Program Teams of students. Program Teams are inter-institutional, interdisciplinary, and self-managed in order to capitalize on the synergy between the theoretical knowledge of university students and faculty (5 partner universities), complemented by the requisite hands-on technical skills of community college students and faculty (12 partner community colleges. Program Teams will meet and conduct research culminating in a professional level final report and presentation.

NOTE: Accepted Participants must be able to

- 1) Attend the 2024 Winter Intersession Program (Wednesday, January 3 – Tuesday, January 16, 2024) online
- 2) Continue work, including team meetings and research, which may account for up to 100 hours with their Program team during the 2024 Spring Semester
- 3) Contribute to the final report and presentation (due by June 6, 2024 - Thursday)

For more information and application forms:

www.met2program.org

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Mechanical & Manufacturing Technologies for Energy & Sustainability

Funded by the National Science Foundation

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