M²

Mechanical & Manufacturing Technologies *for* **Energy & Sustainability**

National Center for Next Generation Manufacturing
A National Science Foundation Center of Excellence
College of Technology
nextgenmfg.org

What is the MET² Program?

The Mechanical & Manufacturing Technologies for Energy & Sustainability 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
- ❖ Electronic circuitry
- ❖ Manufacturing Processes
- ❖ Blue Print Reading
- ❖ Mold/Pattern Making
- ❖ Composite and Smart Fabrics

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)
- ❖ Strategic / Project Planning
- ❖ Networking
- ❖ Time Management

We are seeking students from CT community colleges to participate in this hands-on engineering and technology program. **The 2023 MET2 Winter Intercession program will be hosted at Tunxis Community College.**

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. Program Teams will meet during the Spring 2023 Semester and conduct research culminating in a professional level final report and presentation.

NOTE: Accepted Participants must be able to
1) The 2023 Winter Intersession Program (*Tuesday, January 3 – Friday, January 13, 2023*) online.
2) Continue work, including team meetings and research, which may account for up to 100 hours with their Program team during the 2023 Spring Semester
3) Participate in public presentation of all projects at the April Connecticut College of Technology meeting (Date TBD)
4) Contribute to the final report (due by June 2, 2023 -Friday)

For more information and application forms:

www.met2program.org

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