



Applied Science and Engineering Technology Division

Electrical Engineering Technology T 122

Step into a world of electrifying wonder with our mesmerizing Tesla Coil demonstration. Join us for an unforgettable showcase of Nikola Tesla's groundbreaking invention, where science meets spectacle in a dazzling display of high-voltage magic in our Electronics Lab. Meet students in the program and explore various areas of our Electrical Engineering Technology Program with outstanding career prospects.

Welding Technology T 169

Work with our faculty to cut out ornaments on a plasma table with paint pens available to customize your work. Try your hand at virtually welding or talk to students working in the lab. Look at welding robots in operation. Meet representatives from Wayne State University to learn about four-year transfer opportunity to their newly launched Welding/Metallurgy program. *Do not forget to check out our weld testing lab in T 167 where you will see some weld testing equipment working.*

Automotive Service Technology T 178

Watch engine dyno in operation as it measures power of a Ford Mustang Engine. You will learn about Engine Power and putting that power into motion via ride and handling experience. Live chassis dyno demonstration. Learn about journey of EVs from yesterday to today. Look at two PHEV and EV vehicles in our lab. and immerse yourself into the future of mobility.

Meet students in the auto lab and learn about their experiences working and learning in our auto lab.

Construction Management T 158

Explore Virtual Design & Construction: A 3D Journey. Learn about the art of 3D design and then bring your creations to life with augmented reality. Dive Into the future of building and design with hands-on exploration! Meet representatives of Eastern Michigan University to discuss transfer opportunity to four-year Construction Management program at Eastern.

MCCC Makerspace T 160

Meet our coordinator in the makerspace and take a tour through the facility. You'll learn about the different types of tools and technology available to help bring your ideas to life, including everything from basic hand tools and power tools, to advanced rapid prototyping machines, 3D printers, CNC lasers, electronics repair equipment, and more.

Robotics Automation and Mechanical Engineering T 164

Grab a prize in HIGH TECH game of claw! Solve a logic puzzle before time expires! See if you are faster than a light curtain! Maneuver a robot through a virtual maze! Jog a real FANUC robot! Do all this and more in our Hands-On Industrial Robots demonstration lab! Meet current students in the lab.

Computer Aided Design – Mechanical Design T 156

Designing for the Future: Stop by the mechanical design technology lab and experience firsthand how to design a simple 3D model using the industry standard SolidWorks software.

Metrology the Science of Measurement T 157

It is said you measure three times before you cut once. Learn about the science of measurement and one of the hottest careers in the manufacturing world. See many sophisticated measuring equipment our students learn and use in the manufacturing field.

Nuclear Engineering Technology T 166

Meet representatives from Detroit Edison to learn about being a Nuclear Engineering Tech, the Program at MCCC, career opportunities at a nuclear power plant in town and summer internships.

Apprenticeship T 161

Meet our instructors teaching the trades classes and learn about apprenticeship opportunities from representatives of the Carpenters Union reps.

Computerized Machining and Manufacturing T 175

Learn about operation of CNC equipment and computerized machines in our manufacturing lab. Meet students working on the equipment and discuss career opportunities in this high paying profession.

For questions, please contact the Applied Science and Engineering Technology Division Office:

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