UNI Foundry 4.0 Center & Metal Casting Center presents...

INDUSTRIAL INTERNET OF THINGS (IIoT) WORKSHOP

We are excited to invite you to a series of live workshops! These workshops will introduce the basics of Internet of Things and its applications in industry. You will learn to build a few low-cost IoT solutions to monitor the industrial environment with off-shelf components and open-source software.

WORKSHOP SCHEDULE

February 6, 2024, NOON-12:50 p.m.
- Introduction to IIoT and Commonly Used Hardware Platform

February 13, 2024, NOON-12:50 p.m.
- IoT Wireless Communication Overview

February 20, 2024, NOON-12:50 p.m.
- Introduction to Python Programming

February 27, 2024, NOON-12:50 p.m.
- Commonly used Sensors and Sensor Interface

March 5, 2024, NOON-12:50 p.m.
- Implementation of a Flash Web Server for simple IoT Applications

March 12, 2024, NOON-12:50 p.m.
- Publish/Subscribe Protocol MQTT Implementation for IoT Applications

March 19, 2024, NOON-12:50 p.m.
- Utilization of a Database in Cloud for IoT Applications

March 26, 2024, NOON-12:50 p.m.
- Integration of Plotly Dash for Data Visualization

USE THIS LINK TO REGISTER!
bit.ly/IIoT-Registration

Workshops will be held live via ZOOM. Cost of attendance is FREE.

Jin Zhu, Workshop Host
Professor in Electrical Engineering Technology