

UNI Foundry 4.0 & Metal Casting Center presents...

DEVELOPMENT OF REAL-TIME PROCESS SENSORS

for use in Metal Casting Equipment

ABOUT

Are you curious about the Internet of Things (IoT) and want to explore its possibilities? Join our virtual workshop where you'll dive into the world of IoT and build your own small-scale system!

SCHEDULE

July 10, 2024, NOON-1:00 p.m.

Session 1: Getting started with a Raspberry Pi

July 17, 2024, NOON-1:00 p.m.

Session 2: Installing MQTT to facilitate data acquisition

July 24, 2024, NOON-1:00 p.m.

Session 3: Developing flows with Node-RED

July 31, 2024, NOON-1:00 p.m.

Session 4: Expanding with Arduino-based microcontrollers

REGISTER TODAY!

<https://mcc.uni.edu/workshops>

This FREE workshop will be held via zoom.




ANDREW BERNS

Workshop Host
UNI Assistant Professor
Department of Computer Science
andrew.berns@uni.edu
319-273-2740

MATERIALS NEEDED

Participants will be responsible for sourcing their own materials to participate in the workshop (approx. \$130). A detailed material list will be sent to all participants who register.

Participants will require access to an  unrestricted wifi network and a computer monitor with an HDMI port.