

# CASTING REPAIR WORKSHOP

Implementing Advanced  
Manufacturing to Stop  
Throwing Away Faulty  
Castings

## DATE AND TIME

Thursday,  
June 5, 2025

8 am - 3 pm

## LOCATION

Robert W. Plaster Center  
for Advanced Manufacturing  
at Ozarks Technical  
Community College

1001 E Chestnut Expy  
Springfield, MO 65802



## You will learn:

- emerging technologies in casting repair
- to understand casting repair principles and workflow using additive manufacturing
- to navigate advanced manufacturing equipment, materials, & applications
- to identify advanced manufacturing value across product lifecycle/repair
- business case for advanced manufacturing vs conventional methods

**REGISTER  
TODAY!**

**NO COST TO ATTEND**

# CASTING REPAIR WORKSHOP



## SPEAKERS



### Robert Randolph, MS

Director, Robert W. Plaster  
Center for Advanced  
Manufacturing  
Ozarks Technical  
Community College



### Dr. Richard Billo, PhD

Director, Center for  
Advanced Manufacturing  
Director, Missouri Protoplex  
Missouri S&T



### Bradley Deuser, MS

Assistant Research Professor,  
Center for Advanced  
Manufacturing  
Missouri S&T



### Elias Snider, MS

Manufacturing Engineer,  
Center for Advanced  
Manufacturing  
Missouri S&T



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## AGENDA

### Morning Session

- Check in and coffee
- Casting repair technologies
- Casting repair - emerging technologies
- Barriers and limitations for casting repair
- micro-welding as a repair technique
- Current Protoplex project overview
- Overview of DMCSPP project + SRC Remanufacturing

### Lunch

### Afternoon Session

- Tours
- Demonstrations

### Optional

- One-on-one discussions
- Try it Yourself!: Micro-welding hands-on experience



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Contact Us for more info



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