

## Quick Summary:

**Date:** Dec 05 2025

**Time:**

04:00 PM - 05:30 PM EST

**Duration:** 1.5 hours

**Location:** UM-Dearborn  
ELB 2390

**Target Audience:**

**Graduate students and  
early-career engineers**

**Format:** Interactive with  
group exercises

**Pizza will be served!!!**

# ENGINEERING PROBLEM SOLVING WORKSHOP



## IEEE TEMS

Technology & Engineering  
Management Society



Electrical and Computer Engineering

Serving mission to is to support excellence in the leadership and stewardship of transformational technologies and organizations.

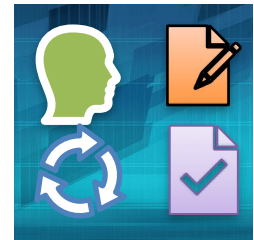
## Systematic approaches to engineering problem solving

This hands-on workshop equips graduate students and young professionals with **systematic approaches to engineering problem solving**, covering the complete process from problem definition to solution implementation.

Participants will learn industry-standard techniques:

**FMEA, 8D, root cause analysis, and decision-making frameworks.**

**Applying** these methods through interactive case studies and team exercises.



This practical skill will help attendees avoid common problem-solving pitfalls and build confidence in tackling complex technical challenges.

Attendees will leave with immediately applicable tools and a structured framework for approaching engineering problems in both academic and professional settings.

**\*Pre-registration Required!**

<https://events.vtools.ieee.org/m/513006> **by Dec 04 2025**

*A IEEE Technology and Engineering Management Society event in co-operation with IEEE University of Michigan - Dearborn Student Branch.*