

Mechanical Engineering

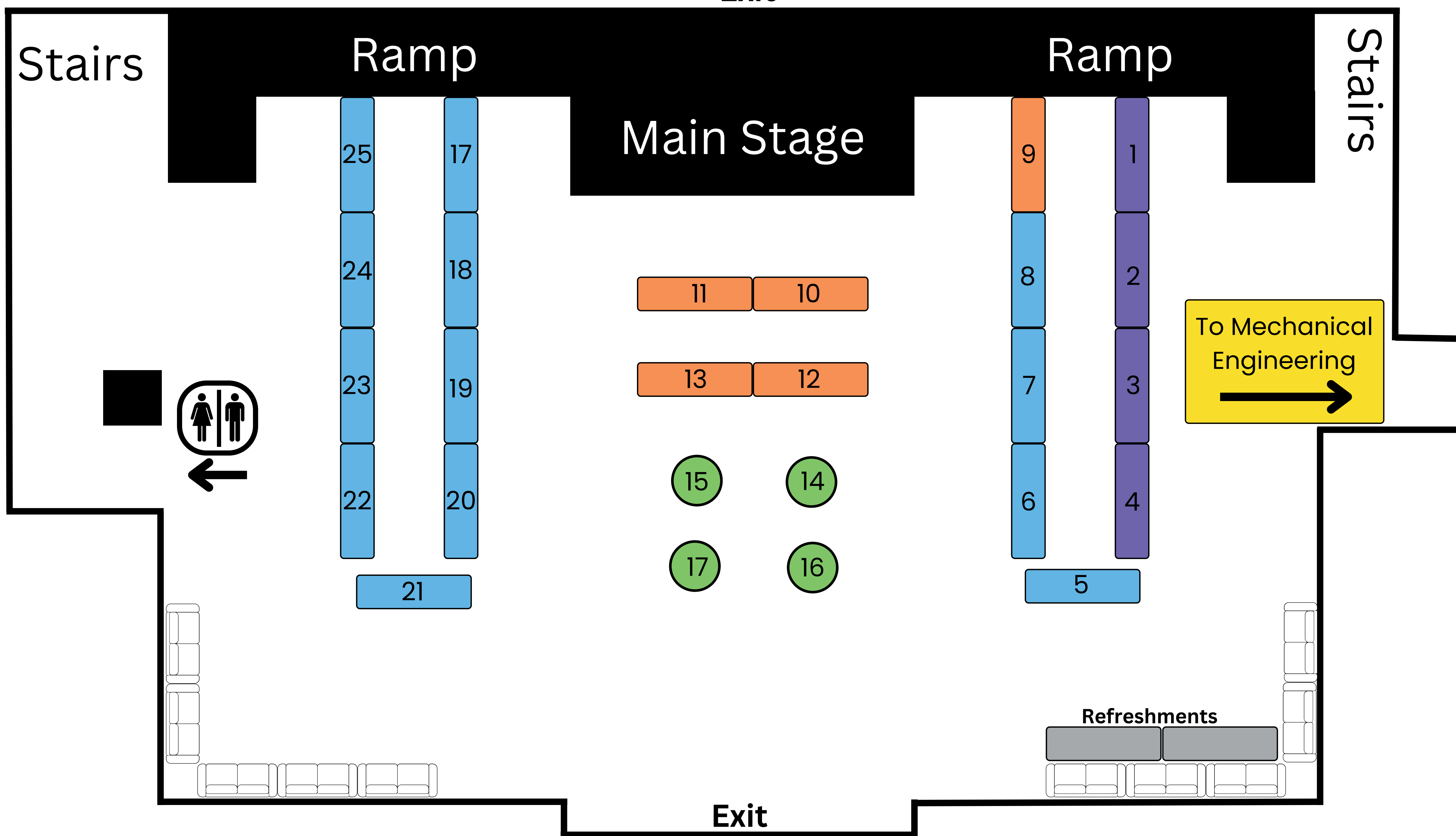
Civil & Environmental Engineering

Table Color Key

Manufacturing & Engineering Technology

Electrical & Computer Engineering

Computer Science



# Fall 2025 Senior Design Project by Department

## Electrical & Computer Engineering

1. DEVCOM Cable Installation Robot
2. Formula SAE Electric Battery System
3. Drone Tracking
4. Modular Greenhouse Sensors

## Computer Science

5. Community Communications Portal
6. Community Care Management System
7. Department Automation System
8. Christmas Store Point of Sale System
17. Music Adjudication System
18. Promotion Management System
19. CIRCE System
20. Food Bank Management
21. Minifigure Recognizer
22. First Responder Wellness
23. Product Configuration and Dashboard
24. Interactive Financial Learning Platform
25. Remote Medical Clinic Management

## Civil & Environmental Engineering

14. Warehouse X: New Buildings and Site Development
15. LogiCore Corporate Headquarters
16. I-65 Interchange at June Lake Boulevard  
Williamson County, TN
17. U.S. 64 (S.R. 40) Road Widening and Cloud Branch  
Bridge Replacement in Polk County, TN.

## Manufacturing & Engineering Technology

9. Pineapple Roller to Keep Get a Good Tasting Pineapple  
Time Studies and Improvements
10. Mechanism for Loading and Flipping on Enameling Line
11. Proximity Sensor Check Station
12. PLC Controlled Automatic Wire Cutter
13. INOAC Spoiler Assembly Conveyor


## Mechanical Engineering

26. Suspension Simulator
27. Air Leak Detection
28. Aerodynamic Characteristics Modeling
29. Steering Simulator
30. Flight Simulator
31. Pep Truck Modernization
32. Greeting Robot
33. E Formula
34. Cable laying robot

## Contact Info


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