

ECED3901

Design Methods II

LECTURE #1: INTRODUCTION

Objective of this Course

Who Am I?

Getting Help

<https://dalhousie.blackboard.com/>

The screenshot shows the Blackboard OWL (BbLearn) interface for Dalhousie University. The top navigation bar is dark blue with the Dalhousie University logo and the text "DALHOUSIE UNIVERSITY Inspiring Minds" and "OWL (BbLearn)". Below this is a light-colored banner with a pattern of small stars. The main content area is titled "Discussion Board" and includes a sub-header "Forums are made up of individual discussion threads that can be organized around a particular subject. Create Forums to organize discussions. [More Help](#)". A "Create Forum" button is visible. Below this is a table listing the forums. The table has columns for "Forum", "Description", and "Total Posts". One forum is listed: "ECED3901 - General Forum" with the description "All discussion can be placed here." and "0" posts. There are "Delete" buttons next to the forum name and at the bottom of the table.

DALHOUSIE UNIVERSITY
Inspiring Minds

OWL (BbLearn)

Discussion Board

Discussion Board

Forums are made up of individual discussion threads that can be organized around a particular subject. Create Forums to organize discussions. [More Help](#)

Create Forum

Forum	Description	Total Posts
<input type="checkbox"/> ECED3901 - General Forum	All discussion can be placed here.	0

Getting Help

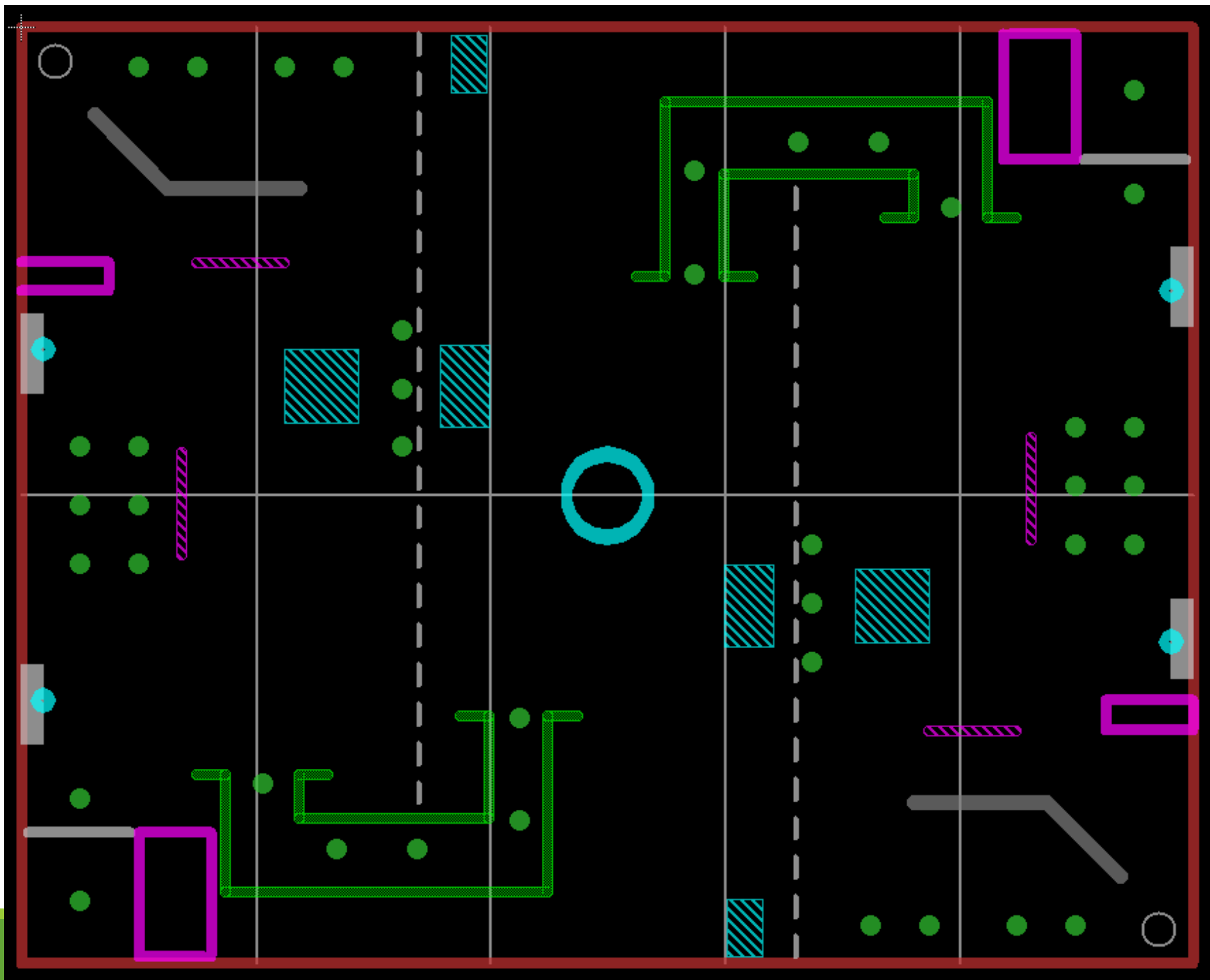
- For private matters only, contact me via email: coflynn@dal.ca
- Use online forum for questions, as classmates can also help (who will be faster in responding than myself), or if it's a question on assignment/deadlines other students can see my answer.
- Office Hours: Thursdays, Room C105, 10:30am-11:30am

Example – 2013 Contest Video

Contest Theme This Year...

Italian Plumbers!

**Any resemblance to fictional or real-life characters is purely coincidental.*



Scoring System

- Coin = 1 point (only if on your side)
- Knock over wall = -2 point
- Get advanced coin = 6 points
- Get flag = 2 points + $\text{round}[(120 - T_{\text{left}}) * 0.05]$

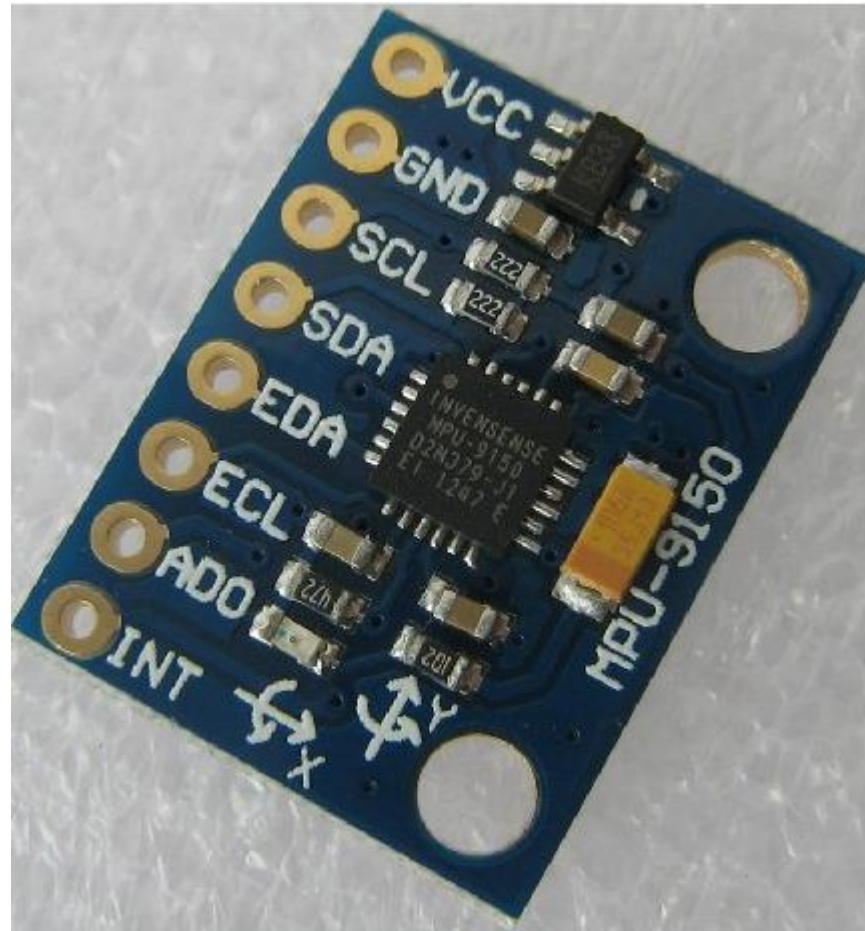
Maximum points = 19+6+8

Your Tools



Source: DFRobot.com

Your Tools



Source: aliexpress.com

Your Tools



Your References

- Labs will teach you about various aspects of design
- See previous contests for inspiration, talk to participants
- References about the microcontroller board, see ECED3204 Labs:

<https://github.com/colinoflynn/eced3204>

Questions?
