

Detail Drawings and Starting to CAD Model

ME 170 CADLAB#7 and TEAMPROJ#6

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UIUC

Fall 2022



A reminder:

- Office Hours (MEL 1009):
 - Tuesday Noon-1PM MEL 1009
 - Wednesday 9:30-10:30AM [Zoom](#)
- CADLAB#7
- TEAMPROJ#6

If you have questions on CADLAB, you should plan to visit office hours - email is not an effective way to solve issues with CADLAB problems.



- CADLAB#5
- CADLAB#6 - Patterns & Model Modification (Due 10/12 Wednesday)
- CADLAB#7 - Detail Drawings (Due 10/19 Wednesday)
- CADLAB#8 - Assemblies (Due 10/26 Wednesday)
- CADLAB#9 - Mechanism Design & Animation (Due 11/2 Wednesday) - Last CADLAB!
- CADLAB#5 - Photo Submission (Due 10/26 Wednesday)



Team Project Progress

- TEAMPROJ#4
- TEAMPROJ#5 - Concept Selection (Due 10/12 Wednesday)
- TEAMPROJ#6 - Start CAD Modeling (Due 10/19 Wednesday)
- TEAMPROJ#7 - 50% CAD Models (Due 10/26 Wednesday)
- TEAMPROJ#8 - Assembly Modeling (Due 11/2 Wednesday)
- TEAMPROJ#9 - Engineering Part Drawings (Due 11/9 Wednesday)
- TEAMPROJ#10 - Engineering Assembly Drawings (Due 11/16 Wednesday)



CADLAB#7: Detail Drawings



CADLAB#7 Goal

This week's CADLAB you will learn to make drawings from your parts. It is all about the details. Try to make your drawings look as close to the examples as you can. This will likely require experimenting with the settings to get it all correct.



TEAMPROJ#6: Start CAD Modeling



This week you will need to finish modeling at least two parts for your Team Project.

- You will need to create a new project folder for your Team project and share it with me. I will provide you with details.
- Make sure to place your 2 drawings that you want graded in a folder named “Team Project 6”
- You will be graded for similar issues as your CADLABs



- CADLAB#6 is due October 12 at 11:59PM
- CADLAB#7 is due October 19 at 11:59PM
- TEAMPROJ#5 is due October 12 at 11:59PM
- TEAMPROJ#6 is due October 19 at 11:59PM
- Start preparing for CADLAB#8
- Start preparing for TEAMPROJ#7



- Ben Walt - walt@illinois.edu
- Graders:
 - Monday 1-2:50PM (AB1) - Aryan Shroff - aryans4@illinois.edu
 - Monday 3-4:50PM (AB2) - Patrick Li - pyli2@illinois.edu
 - Tuesday 1-2:50PM (AB3) - Nishesh Arora - nishesh2@illinois.edu
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