

Engineering Part Drawings

ME 170 TEAMPROJ#9

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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 - Last one due this week
- TEAMPROJ#9

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#8
- ~~CADLAB#5~~ — Photo
- CADLAB#9 - Mechanism Design & Animation (Due 11/2 Wednesday) - Last CADLAB!



- TEAMPROJ#7
- 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)



TEAMPROJ#9: Engineering Part Drawings



This week you will need to create Engineering Drawings for all of your custom parts.

- Make a folder named “Team Project 9” and copy your models from Team Project 8.
- Only the final, custom parts and their drawings should be in the folder. No assemblies. No off-the-shelf parts.
- There should be a drawing for every custom part.
- All parts should be fully dimensioned and toleranced.
- Make use of cross-sections and detail drawings as needed.
- Drawings should be clear and well organized and follow the ASME y14 Engineering Drawing Standards.

You can of course correct problems with models, but they should largely be finalized.



This week the last of the CADLABs is due.

- November 8 (Tuesday) is a holiday (Vote if you can!). I will treat all my Monday 1-5PM as open office hours.
- Fall Break - 11/19 - 11/27
- Project Presentations will be during lab time 11/28 and 11/29
 - AB1 1-3PM 2200 LuMEB
 - AB2 3-5PM 2005 MEL (Deere Pavilion)
 - AB3 1-3PM 2005 MEL (Deere Pavilion)
- Class 12/5 and 6 - No regular class. I will treat this as office hours.
- Final Report is Due 12/9 (Friday)



End of Semester Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		November 1	2 CADLAB#9 Due TEAMPROJ#8 Due	3	4	5
6	7 1-5 Open Office Hours	8 No Class	9 TEAMPROJ#9 Due	10	11	12
13	14	15	16 TEAMPROJ#10 Due	17	18	19
20	21	22	23	24	25	26
27 @1PM AB1 Pres. 2200 LUMER @3PM AB2 Pres. 2005 MEL	28	29 @1PM AB3 Pres. 2005 MEL No regular Office hours	30 No regular Office hours	December 1	2	3
4 No regular class	5 No regular class	6 No regular office hours	7 No regular office hours	8 Reading Day	9 Final Report Due 11:59PM	



Details of the Team Project Presentation and Report have been posted on Canvas. Please take a close look at them and ensure you know what is expected of you and the timeline for completion.



- CADLAB#9 is due November 2 at 11:59PM
- TEAMPROJ#8 is due November 2 at 11:59PM
- TEAMPROJ#9 is due November 9 at 11:59PM
- No more CADLABs
- Start preparing for TEAMPROJ#10
- Start preparing your presentation



- 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
- Office Hours (MEL 1009):
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 - Wednesday 9:30-10:30AM [Zoom](#)

