

# Advanced Biomechanics

ISYE 348 Fall 2024 Lab 7

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This lab assignment is due by 23:59 on 2024-11-18. If you have any questions or need clarification, please reach out to me via email or during office hours. The report will be graded on **20 points**.

**Submission:** Please submit your report as a PDF file on Canvas (generated from powerpoint slides). Make sure to include your name and your partner's name on slide 1. Include any code, plots, or tables as needed to support your answers. Make sure to answer all questions thoroughly and provide detailed explanations where necessary. Cite any external sources used. Submit one single pdf file with all the answers.

**Collaboration** with your classmates is encouraged, and you will work in teams (n=3) for this lab to complete the report. Please list your partner's name at the beginning of the report. Only one submission per group is required. Must include data from both partners in the report.

**Late submissions** will be penalized by one point deduction every hour past the deadline.

$$\text{score} = \max(20 - \text{hours\_late}, 0)$$

Please read the course policy on academic integrity and collaboration on the course syllabus. If you have any questions about what is permissible, please ask before submitting your work.

Insturctor walked through some example problems on biomechanics and students worked on biomechanics problems similar to the ones shown in the video below.