

# Physics 2301: Intermediate Mechanics II

Lecturer: **Professor Antonio Boveia**

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## Problem 1

- **What's your major / what kind of job would you like after graduation?**

I am currently a senior in high school, and I am undecided about my major. I am taking this class because I would like to expand my knowledge in physics, and as a preparation for my USA Physics Olympiad (USAPhO). My parents can't afford to pay for tutoring or courses, so I decided to self-teach myself physics using books and this course (paid by the school district) will help me both in terms of knowledge and preparation for the olympiad. Once I grow up, I would like to see myself as a quantum physicist or a particle physicist.

- **What would you like to know about physics that isn't taught in a class?**

Most likely how the theory of relativity is useful in our daily lives. I guess we sort of see its usage in telecommunications. But I would really like to know how these theoretical concepts could be used in real life.

- **How do you feel about your math preparation for Physics 2300?**

I am feeling somewhat confident because I took **Math 2153, Math 2568, and Math 4512** but I am a little rusty on **Math 2568** so I would like to review that this and the following weeks before physics starts to consume a lot of my time. :(

- **Do you like the limericks in the textbook?**

Yeah absolutely, they sometimes make me wonder if Dr. Morin is a poet or a physicist.

- **What was your favorite part of last semester?**

**Physics 2300** was definitely very challenging but I met some lifelong friends there and understood that I need both hard and smart work to succeed in this class.

- **Are you a dog or cat person? (Or eww, why would anyone want a pet?)**

Either is fine with me, but I never had a pet as of now, but I would like to get either a dog or a cat in

the future.

## Problem 2

### **What would you change about the “flipped classroom” format?**

I wouldn't change anything. It would be really helpful if you could suggest some **optional** YouTube videos that we could watch along with your lectures, so that it's easier for me to catch up. I am personally a more visual learner, and I think there are perhaps people like me too, so that's a request not a requirement.