

# Intermediate Mechanics PHYS2100

*Syllabus – Spring 2015*

## Course Information

- Instructor** Marcelo A. Kuroda  
227 Allison Lab, mkuroda@auburn.edu
- Class Time** M/W/F 10:00am-10:50am, *Parker 224*.
- Office Hours** Monday 4pm-5pm and Thursday 5pm/6pm (Tentative).
- Textbook** Classical Dynamics of Particles and Systems 5th edition by Thornton and Marion.

## Course Description

- Description** I plan to cover roughly chapters 2-12, which will require slightly more than one week per chapter. To accommodate this pace, some material will be treated as optional.
- Contact** Most of the course updates (e.g. quizzes, changes of room, deadlines, etc.) will be delivered via Canvas. Make sure you check it on a regular basis. Sometimes I will also send e-mails. If you need to contact me, please stop by my office or send me an e-mail (I will try to respond as soon as possible).
- Evaluation** Homework (19% of grade): Homework will be assigned approximately every week. Homework will be due on Wednesday before class starts. Late homework handed in before graded homework is returned will only receive a maximum of 50% credit. The homework assignment with the lowest grade will be dropped and not be counted towards the final grade. The last homework is mandatory.  
2 Midterm Exams (23% of grade each): I would like to schedule these exams in the evening to give students additional time to show me what they know. If we cannot accommodate the entire class, this will not be possible and exams will take place during the scheduled class period.  
Quizzes (3% of grade): Quizzes will be posted on Canvas. ALL quizzes count towards the grade. No late submission will be accepted.  
Preflights (2% of grade): On a regular basis you will be asked to read material before class and answer questions. Answers will only be graded on a participation basis (i.e. complete/incomplete) and not on right/wrong basis. This will provide me with feedback on your understanding of the course material. You need to complete at least 80% of the preflights to get the full credit. No late submission will be accepted.  
Final Exam (30% of grade): The final exam will be comprehensive.
- Academic Honesty** The Students Academic Honesty Code is printed in the Tiger Cub and it is expected that you are familiar with and will abide by this code. This policy will be strictly enforced.
- Plagiarism** Do not pass someone else's work off as your own. Period. Do not do it. If you get help on homework by finding problems in another text or on the web, this is ok. If you get help from another person, this is also ok. Just give credit where credit is due. **FAILURE TO ACKNOWLEDGE WILL BE CONSIDERED PLAGIARISM.**
- Special Accommodations** Any student needing special accommodations should contact:  
Dr. Kelly Haynes, Director of the Program for Students with Disabilities,  
1228 Haley Center.

## Schedule\*

Week beginning	Monday	Tuesday	Wednesday	Thursday	Friday
12-Jan			<b>1st Class</b>		Class
19-Jan	<b>MLK day</b>		Class		Class
26-Jan	Class		Class		Class
2-Feb	Class		Class		Class
9-Feb	Class		Class		Class
16-Feb	Class		Class		Class
23-Feb / <b>ME1</b> <sup>†</sup>	Class		Class		Class
2-Mar	Class		Class		Class
9-Mar	Class		Class		Class
16-Mar	Class		Class		Class
23-Mar	<b>Spring Break</b>				
30-Mar	Class		Class		Class
6-Apr	Class		Class		Class
13-Apr / <b>ME2</b> <sup>†</sup>	Class		Class		Class
20-Apr	Class		Class		Class
27-Apr	Class		Class		Class
3-May	<b>Final Exam Period</b>				

\*The instructor reserves the right to make reasonable modifications to the course syllabus in the event a situation arises that warrants such modification within University guidelines. It may be possible that during the semester I have to travel for research. These will be announced as they arise.

<sup>†</sup>tentative weeks for Midterm Exam #1 (ME1) and Midterm Exam #2 (ME2).

**COSAM** Some of the activities will include software pre-installed in the COSAM VMware system.

**Software** Information can be found at the link below:

<http://www.auburn.edu/academic/cosam/departments/it/software/vmwareviewer/>

If you have trouble accessing the VMware system contact Daniel Macdougall (macdodm@auburn.edu)

**Media Recording Devices** The use of recording media devices in class is strictly prohibited, unless you are indicated otherwise. I also consider disrespectful to use your cell phone, tablet or computer for activities that are not related to the class. Please silent them before getting in the classroom.

**Contingency Plan** If normal class and/or lab activities are disrupted due to illness, emergency, or crisis situation (e.g. weather or flu outbreak), the syllabus and other course plans and assignments may be modified to allow completion of the course. If this occurs, an addendum to your syllabus and/or course assignments will replace the original materials.