



# **CSUC Spring Term 2020**

## **Physics 204A sections 6, 7, 8**

Louis Buchholtz  
Chico, California  
March 31, 2020

Dear Class,

I include a few reminders just to keep us all together.

- The Portfolio Problem for Week 10 is due on Blackboard by Monday, April 6, at noon.  
[202-PHYS204A-05-4569](https://blackboard.csuchico.edu/202-PHYS204A-05-4569)
- We plan to meet online on Thursday April 9 for our first Online-Lab meeting (no meeting on April 2).  
Our usual *Zoom-Room* is where we'll be:  
<https://csuchico.zoom.us/j/6620070137>
- Please check on our usual class site that you can view the video link in week 10 called "AirTrack" :  
<https://physics.csuchico.edu/buchholtz/test/AirTrack.mp4>  
I am hoping to use these mp4 videos as demonstrations both for class and lab. If, for some reason, you cannot view the video – please let me know.
- I received your 1<sup>st</sup> Portfolio submissions and am grading them. The next Portfolio problem plus the recommended reading and problems will be out on Monday, April 6.



**CSUC, Department of Physics Spring Term 2020**  
**PHYSICS 204A : MECHANICS**

Lab Sections: **6 - 8**

**Instructor:** Louis Buchholtz    Office: PHSC 101    Ph: 3418 (o) / 6259 (dept)    [lbuchholtz@csuchico.edu](mailto:lbuchholtz@csuchico.edu)  
(our class web site)    <http://Physics.csuchico.edu/buchholtz/>

**Text:** PHYSICS, *Randall D. Knight* 4th edition

**204A sections 06 - 08**

**TENTATIVE *REVISED* SYLLABUS**

<u>WEEK</u>	<u>DATE</u>	<u>CHAPTER / TOPIC</u>	<u>LAB</u>
9	3/23	9 Kinetic energy & Work	no lab
10	3/30	10 Potential Energy	Work-Energy Thm.
11	4/6	11 Momentum and Center of Mass	Impulse and Momentum
12	4/13	12 Rotation, Moment of Inertia, Torque	Conservation in Collisions
13	4/20	12 Rolling, Angular Momentum, Equilibrium	Moment of Inertia
14	4/27	15 Oscillations	Static Equilibrium
15	5/4	13 Gravitation	Simple Pendulums/ Springs and Masses
16	5/11	Summary	Ballistic Pendulum