



# CSUC Spring Term 2020

## Physics 204A sections 6, 7, 8

Louis Buchholtz  
Chico, California  
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Dear Class,

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

- The Portfolio Problem for Week 11 is due on Blackboard by Monday, April 13, at noon. You can find it and most other material on both Blackboard and our class site.

[202-PHYS204A-05-4569](https://physics.csuchico.edu/buchholtz/4A)

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- We plan to meet online on Thursday April 9 for our first Online-Lab meeting. I have prepared data and lab experience material from last semester's students! Each lab section will meet one hour later and I will run the lab for a maximum of two hours (with breaks). So!

The labs will be: 9-11AM, 12Noon-2PM, 3-5PM.

I will email the class the lab material to use for your write-up.

Our usual *Zoom-Room* is where we'll be in lab:

<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 have graded them.



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