



CSUC Spring Term 2020

Physics 204A sections 6, 7, 8

Louis Buchholtz
Chico, California
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Dear Class,

We're going online! Tomorrow, Friday the 27th of March at 9AM (our usual class time) I'll be there for a Zoom classroom and a regular lecture! You need only download the ZOOM app onto your favorite platform and click our reserved classroom link: <https://csuchico.zoom.us/j/6620070137> .

Make sure you enable the video on your own device for yourself. I'll try and remember to control the audio so we don't drown each other out.

The plan is to resume our regular class time every week as before. I'll stick around for a problem session if people so choose – though we can certainly plan much more freely now – potentially even evenings.

I'm still working on our lab situation – so I can't fill you in on that yet. I will continue to outline the central content of the lectures and post those on our own site <https://physics.csuchico.edu/buchholtz/4A/> and on Blackboard as I do the reading assignments, associated problems and solutions.

Your first Portfolio problem-solutions are to be uploaded to me on our class Blackboard site: [202-PHYS204A-05-4569](https://physics.csuchico.edu/buchholtz/4A/) by Monday, March 30.



CSUC, Department of Physics Spring Term 2020

PHYSICS 204A : MECHANICS

Lab Sections: **6 - 8**

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(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