PHYSICS 227
Fall 2020 Instruction Plan

Course Website (click on image):

Canvas Course Site (click on image):
Physics 227 Website

• You should get familiar with all the information provided on the website.

• Go through each link and make sure you understand the course policies and expectations.

• For any questions contact your section instructor.
Physics 227 Canvas Site

https://rutgers.instructure.com/courses/67733

You will use Canvas to:

• **See your grades.**
• **Access Lecture videos.**
• **Access Recitation conferences and instructor office hours.**
• **Complete and/or submit recitation worksheets.**
• **Take recitation quizzes and exams.**
• **Access the homework assignments.**
Lectures

• Due to the size of this course, live (synchronous) lectures cannot be delivered reliably.

• Recorded lectures will be available on Canvas’s “Media Gallery”, on or before the official lecture times.
• Besides the canvas lecture videos, the lecture slides will be available on the course website.

Students are expected to read the relevant textbook sections before each lecture.

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday Lecture</th>
<th>Recitation</th>
<th>Thursday Lecture</th>
<th>Homework</th>
<th>Lecture Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>No Lecture</td>
<td>9/1-9/2 No Recitation</td>
<td>Electric Charge, Force Reading: 21.1 - 21.4</td>
<td>Homework 0. Due Sunday 9/6 @ 11:59 PM</td>
<td>Thursday</td>
</tr>
<tr>
<td>2</td>
<td>E-Field, Dipoles Reading: 21.5 - 21.7</td>
<td>Pre-Recitation</td>
<td>E-Flux, Gauss' Law Reading: 22.1 - 22.3</td>
<td>Homework 1 Due Wednesday 9/9 @ 11:59 PM</td>
<td>Monday Thursday</td>
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<tr>
<td>3</td>
<td>Gauss's Law contd Reading: 22.3 - 22.5</td>
<td>Pre-Recitation</td>
<td>E-Potential Reading: 23.1 - 23.3</td>
<td>Homework 2 Due Wednesday 9/16 @ 11:59 PM</td>
<td>Monday Thursday</td>
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<tr>
<td>4</td>
<td>E-Potential contd. Reading: 23.4 - 23.5</td>
<td>Pre-Recitation</td>
<td>Capacitance Reading: 24.1 - 24.3</td>
<td>Homework 3 Due Wednesday 9/23 @ 11:59 PM</td>
<td>Monday Thursday</td>
</tr>
<tr>
<td>5</td>
<td>Capacitance contd. Reading: 24.4 - 24.6</td>
<td>Pre-Recitation</td>
<td>Current, Resistance, Ohm's Law Reading: 25.1 - 25.3</td>
<td>Homework 4 Due Wednesday 9/30 @ 11:59 PM</td>
<td>Monday Thursday</td>
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<tr>
<td>6</td>
<td>Electrical Energy and Power, Resistors Reading: 25.4 - 25.6</td>
<td>Pre-Recitation</td>
<td>DC Circuits, Kirchhoff's Rules Reading: 26.1 - 26.2</td>
<td>Homework 5 Due Wednesday 10/7 @ 11:59 PM</td>
<td>Monday Thursday</td>
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<tr>
<td>7</td>
<td>Charging/Discharging Capacitors. Reading: 26.3 - 26.5</td>
<td>Pre-Recitation</td>
<td>Exam #1 Reading: Ch 21 - 26</td>
<td>Homework 6 Due Wednesday 10/14 @ 11:59 PM</td>
<td>Monday Thursday</td>
</tr>
</tbody>
</table>
Recitations

• Recitations will be held live (synchronously) through Canvas’s “Conferences” during the posted meeting times (throughout the week depending on your section).

• Pre-Recitation and Recitation assignments will be completed in Canvas.

• Recitation quizzes will also be on Canvas and due at the end of the week. Exact dates are TBD.
Homework

• Homework will be assigned through “Mastering Physics” (review the course website for homework schedule and late policy).

• [http://www.physics.rutgers.edu/ugrad/227f19/docs/StudentInstructions.pdf](http://www.physics.rutgers.edu/ugrad/227f19/docs/StudentInstructions.pdf)
• Official course announcements and other communication will be delivered via email, through Canvas. You should **check your inbox frequently**.

• Any questions you might have should be directed to your recitation instructor. A full **list of instructors** and their contact information will be available on the course **website**.