ECE421: Telecommunications I, Fall 2020

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Time and Location:

TR 11:00 AM -- 12:15 PM on Zoom

Zoom link for lectures: [https://us02web.zoom.us/j/86768694441?pwd=d0l5REhhWDdQWVlFZ3JUWk5MQkpWQT09](https://us02web.zoom.us/j/86768694441?pwd=d0l5REhhWDdQWVlFZ3JUWk5MQkpWQT09)

Meeting ID: 867 6869 4441

Passcode: QPSK

Please join the zoom meeting five minutes before the start of the lecture time (at 10:55 AM).

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Instructor:

Ali Pezeshki

Contact Information: <Ali.Pezeshki@colostate.edu>

Office Hours: Tuesdays 3:30 PM -- 4:30 PM on Zoom

Zoom link for Pezeshki's office hours: [https://us02web.zoom.us/j/88336975877?pwd=S2tHNkN2QVgvd1hTWHICdDFvM3Qydz09](https://us02web.zoom.us/j/88336975877?pwd=S2tHNkN2QVgvd1hTWHICdDFvM3Qydz09)

Meeting ID: 883 3697 5877

Passcode: QPSK

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Textbook:


Additional Reference (not required):

Exam Calendar:


Grading:

- Homework: 20%
- Midterm Exam: 40%
- Final Exam: 40%

Course Topics:

- Introduction
- Amplitude Modulation
- Angle Modulation
- Sampling, Quantization and Pulse Modulation
- Digital Baseband and Passband Data Transmission
- Noise in Analog Communications
- Noise in Digital Communications
- Error Probability Calculations

Course Summary:

<table>
<thead>
<tr>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue Sep 8, 2020</td>
<td><a href="https://colostate.instructure.com/courses/109598/assignments/1342479">Homework 1</a> due by 11:59pm</td>
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