EE 568 Digital Communications I, Fall 2020

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Lectures: TuTh 10:35AM – 11:50AM, via Zoom
Office Hour: TuTh 1:30PM – 2:30PM, via Zoom

Course Webpage

- Canvas: http://canvas.psu.edu

Course Material


- **Reference:**

Course Outline

1. A Review of probability and random processes (Appendix A)
2. Modulation (Chapter 2)
3. Demodulation (Chapter 3)
4. Synchronization and noncoherent communication (Chapter 4)
5. Channel equalization (Chapter 5)
6. Wireless communication (Chapter 8)

The above schedule is subject to change without prior notice.

Grading

- Homework (40%), Test 1 (40%), Final project (20%).

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<tr>
<th>Score</th>
<th>Grade</th>
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<tr>
<td>0-60</td>
<td>F</td>
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<td>60-70</td>
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<td>90-93</td>
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<tr>
<td>93-100</td>
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- Crisis Text Line (24 hours/7 days/week): Text LIONS to 741741

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Veterans and currently serving military personnel and/or spouses with unique circumstances (e.g., upcoming deployments, drill/duty requirements, disabilities, VA appointments, etc.) are welcome and encouraged to communicate these, in advance if possible, to the instructor in the case that special arrangements need to be made.

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