

# Course Syllabus

## Course Description:

3 hours. Introduction to the concepts of transmission of information via communication channels. Amplitude and angle modulation for the transmission of continuous-time signals. Analog-to-digital conversion and pulse code modulation. Transmission of digital data. Introduction to random signals and noise and their effects on communication. Optimum detection systems in the presence of noise.

## Instructor:

Dr. Robert Akl, Discovery Park F229, (940) 565-2804, [Robert.Akl@unt.edu](mailto:Robert.Akl@unt.edu) (<mailto:Robert.Akl@unt.edu>)

## Teaching Assistant:

Mohammadreza Robaei, [MohammadrezaRobaei@my.unt.edu](mailto:MohammadrezaRobaei@my.unt.edu)  
(<mailto:MohammadrezaRobaei@my.unt.edu>)

Course help hours: M/W 3:00 pm - 4:30 pm

Zoom link for office hours:

[https://unt.zoom.us/meeting/register/tZwoduGtrzovGdMvV8X8pVgk41Zmj\\_Fy3IJf](https://unt.zoom.us/meeting/register/tZwoduGtrzovGdMvV8X8pVgk41Zmj_Fy3IJf)  
([https://unt.zoom.us/meeting/register/tZwoduGtrzovGdMvV8X8pVgk41Zmj\\_Fy3IJf](https://unt.zoom.us/meeting/register/tZwoduGtrzovGdMvV8X8pVgk41Zmj_Fy3IJf))

## Lab using MATLAB SIMULINK:

### Class Hours:

Mondays and Wednesdays, 5:30 pm – 6:50 pm, Zoom meeting.

### Office Hours:

By appointment for zoom meeting or email.

### Textbook:

*Signals and Systems: Analysis Using Transform Methods and MATLAB*, 2nd edition, M. J. Roberts, McGraw Hill, 2012.

ISBN 978-0-07-338068-1.

Supplemental text: MATLAB Student Edition

### Grading

**Attendance**      10%

**Homework**      10%

<b>Matlab Project</b>	<b>10%</b>
<b>Lab Project</b>	<b>10%</b>
<b>Midterm</b>	<b>25%</b>
<b>Final</b>	<b>35%</b>

### **Homework and Projects:**

Homework and Projects will be turned in through Canvas on the due date.

## **Course Summary:**

Date	Details	Due
Wed Jan 19, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498389&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498389&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Jan 24, 2022	 <a href="#"><u>Attendance Week 1</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303919">(https://unt.instructure.com/courses/62306/assignments/1303919)</a>	due by 11:59pm
	 <a href="#"><u>Mohammadreza - Office hours</u></a> <a href="https://unt.instructure.com/calendar?event_id=518970&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518970&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Wed Jan 26, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498390&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498390&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>Mohammadreza - Office hours</u></a> <a href="https://unt.instructure.com/calendar?event_id=518971&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518971&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498391&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498391&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>Attendance Week 2</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303924">(https://unt.instructure.com/courses/62306/assignments/1303924)</a>	due by 11:59pm

Date	Details	Due
Mon Jan 31, 2022	 <a href="https://unt.instructure.com/calendar?event_id=518972&amp;include_contexts=course_62306"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518972&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518972&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Wed Feb 2, 2022	 <a href="https://unt.instructure.com/calendar?event_id=498392&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498392&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498392&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Feb 7, 2022	 <a href="https://unt.instructure.com/courses/62306/assignments/1303925"><b>Attendance Week 3</b></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303925">(https://unt.instructure.com/courses/62306/assignments/1303925)</a>	due by 11:59pm
Wed Feb 9, 2022	 <a href="https://unt.instructure.com/calendar?event_id=518974&amp;include_contexts=course_62306"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518974&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518974&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="https://unt.instructure.com/calendar?event_id=498394&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498394&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498394&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="https://unt.instructure.com/calendar?event_id=518975&amp;include_contexts=course_62306"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518975&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518975&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="https://unt.instructure.com/calendar?event_id=498395&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498395&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498395&amp;include_contexts=course_62306)</a>	5:30pm to 7pm

Date	Details	Due
	 <a href="#"><b>Attendance Week 4</b></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303926">(https://unt.instructure.com/courses/62306/assignments/1303926)</a>	due by 11:59pm
Mon Feb 14, 2022	 <a href="#"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518976&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518976&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="#"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498396&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498396&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Wed Feb 16, 2022	 <a href="#"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518980&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518980&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="#"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498397&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498397&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><b>Attendance Week 5</b></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303927">(https://unt.instructure.com/courses/62306/assignments/1303927)</a>	due by 11:59pm
Mon Feb 21, 2022	 <a href="#"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518981&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518981&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
	 <a href="#"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498398&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498398&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Wed Feb 23, 2022	 <a href="#"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518982&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518982&amp;include_contexts=course_62306)</a>	3pm to 4:30pm

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498399&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498399&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>Attendance Week 6</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303928">(https://unt.instructure.com/courses/62306/assignments/1303928)</a>	due by 11:59pm
	 <a href="#"><u>Mohammadreza - Office hours</u></a> <a href="https://unt.instructure.com/calendar?event_id=518983&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518983&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Mon Feb 28, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498400&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498400&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>Mohammadreza - Office hours</u></a> <a href="https://unt.instructure.com/calendar?event_id=518984&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518984&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Wed Mar 2, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498401&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498401&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>Attendance Week 7</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303929">(https://unt.instructure.com/courses/62306/assignments/1303929)</a>	due by 11:59pm
	 <a href="#"><u>Mohammadreza - Office hours</u></a> <a href="https://unt.instructure.com/calendar?event_id=518985&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518985&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Mon Mar 7, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498402&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498402&amp;include_contexts=course_62306)</a>	5:30pm to 7pm

Date	Details	Due
Wed Mar 9, 2022	 <a href="https://unt.instructure.com/calendar?event_id=518986&amp;include_contexts=course_62306"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518986&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518986&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Mon Mar 14, 2022	 <a href="https://unt.instructure.com/calendar?event_id=498403&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498403&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498403&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Wed Mar 16, 2022	 <a href="https://unt.instructure.com/courses/62306/assignments/1303930"><b>Attendance Week 8</b></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303930">(https://unt.instructure.com/courses/62306/assignments/1303930)</a>	due by 11:59pm
Mon Mar 21, 2022	 <a href="https://unt.instructure.com/calendar?event_id=518987&amp;include_contexts=course_62306"><b>Mohammadreza - Office hours</b></a> <a href="https://unt.instructure.com/calendar?event_id=518987&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=518987&amp;include_contexts=course_62306)</a>	3pm to 4:30pm
Mon Mar 21, 2022	 <a href="https://unt.instructure.com/calendar?event_id=498404&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498404&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498404&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Wed Mar 16, 2022	 <a href="https://unt.instructure.com/courses/62306/assignments/1303931"><b>Attendance Week 9</b></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303931">(https://unt.instructure.com/courses/62306/assignments/1303931)</a>	3pm to 4:30pm
Mon Mar 21, 2022	 <a href="https://unt.instructure.com/calendar?event_id=498406&amp;include_contexts=course_62306"><b>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</b></a> <a href="https://unt.instructure.com/calendar?event_id=498406&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498406&amp;include_contexts=course_62306)</a>	5:30pm to 7pm

Date	Details	Due
Wed Mar 23, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498407&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498407&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Mar 28, 2022	 <a href="#"><u>Attendance Week 10</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303920">(https://unt.instructure.com/courses/62306/assignments/1303920)</a>	due by 11:59pm
Wed Mar 30, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498409&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498409&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Apr 4, 2022	 <a href="#"><u>Attendance Week 11</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303921">(https://unt.instructure.com/courses/62306/assignments/1303921)</a>	due by 11:59pm
Wed Apr 6, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498411&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498411&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Apr 11, 2022	 <a href="#"><u>Attendance Week 12</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303922">(https://unt.instructure.com/courses/62306/assignments/1303922)</a>	due by 11:59pm

Date	Details	Due
Wed Apr 13, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498413&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498413&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Apr 18, 2022	 <a href="#"><u>Attendance Week 13</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1303923">(https://unt.instructure.com/courses/62306/assignments/1303923)</a>	due by 11:59pm
Wed Apr 20, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498414&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498414&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
Mon Apr 25, 2022	 <a href="#"><u>Attendance Week 14</u></a> <a href="https://unt.instructure.com/courses/62306/assignments/1304121">(https://unt.instructure.com/courses/62306/assignments/1304121)</a>	due by 11:59pm
Wed Apr 27, 2022	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2022 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498416&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498416&amp;include_contexts=course_62306)</a>	5:30pm to 7pm
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498356&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498356&amp;include_contexts=course_62306)</a>	

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498357&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498357&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498358&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498358&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498359&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498359&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498360&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498360&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498361&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498361&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498362&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498362&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498363&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498363&amp;include_contexts=course_62306)</a>	

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498364&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498364&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498365&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498365&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498366&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498366&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498367&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498367&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498368&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498368&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498369&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498369&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498370&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498370&amp;include_contexts=course_62306)</a>	

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498371&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498371&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498372&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498372&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498373&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498373&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498374&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498374&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498375&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498375&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498376&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498376&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498377&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498377&amp;include_contexts=course_62306)</a>	

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498378&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498378&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498379&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498379&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498380&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498380&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498381&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498381&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498382&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498382&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498383&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498383&amp;include_contexts=course_62306)</a>	
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> <a href="https://unt.instructure.com/calendar?event_id=498384&amp;include_contexts=course_62306">(https://unt.instructure.com/calendar?event_id=498384&amp;include_contexts=course_62306)</a>	

Date	Details	Due
	 <a href="#"><u>CSCE 3020 Section 001 - Communications Systems (Spring 2021 1)</u></a> ( <a href="https://unt.instructure.com/calendar?event_id=498385&amp;include_contexts=course_62306">https://unt.instructure.com/calendar?event_id=498385&amp;include_contexts=course_62306</a> )	
	 <a href="#"><u>Final Exam</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303932">https://unt.instructure.com/courses/62306/assignments/1303932</a> )	
	 <a href="#"><u>Homework Ch. 10</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303933">https://unt.instructure.com/courses/62306/assignments/1303933</a> )	
	 <a href="#"><u>Homework Ch. 11</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303934">https://unt.instructure.com/courses/62306/assignments/1303934</a> )	
	 <a href="#"><u>Homework Ch. 12</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303935">https://unt.instructure.com/courses/62306/assignments/1303935</a> )	
	 <a href="#"><u>Homework Ch. 13</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303936">https://unt.instructure.com/courses/62306/assignments/1303936</a> )	
	 <a href="#"><u>Homework Ch. 14</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303937">https://unt.instructure.com/courses/62306/assignments/1303937</a> )	
	 <a href="#"><u>Homework Ch. 15</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303938">https://unt.instructure.com/courses/62306/assignments/1303938</a> )	
	 <a href="#"><u>Lab Project #1 Voltage Divider</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303939">https://unt.instructure.com/courses/62306/assignments/1303939</a> )	
	 <a href="#"><u>Lab Project #2 Low Pass Filter</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303940">https://unt.instructure.com/courses/62306/assignments/1303940</a> )	
	 <a href="#"><u>Lab Project #3 High Pass Filter</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303941">https://unt.instructure.com/courses/62306/assignments/1303941</a> )	
	 <a href="#"><u>Lab Project #4 Band Pass Filter</u></a> ( <a href="https://unt.instructure.com/courses/62306/assignments/1303942">https://unt.instructure.com/courses/62306/assignments/1303942</a> )	

Date	Details	Due
	 <b>Matlab Project #1</b> <a href="https://unt.instructure.com/courses/62306/assignments/1303943">(https://unt.instructure.com/courses/62306/assignments/1303943)</a>	
	 <b>Matlab Project #2</b> <a href="https://unt.instructure.com/courses/62306/assignments/1303944">(https://unt.instructure.com/courses/62306/assignments/1303944)</a>	
	 <b>Matlab Project #3</b> <a href="https://unt.instructure.com/courses/62306/assignments/1303945">(https://unt.instructure.com/courses/62306/assignments/1303945)</a>	
	 <b>Midterm Exam</b> <a href="https://unt.instructure.com/courses/62306/assignments/1303946">(https://unt.instructure.com/courses/62306/assignments/1303946)</a>	