

## Schedule for ECE 220 Fall 2020 – List View

Date	Event or Assignment
8/17	Class 1. Log onto Blackboard (accessed from <a href="http://ulink.louisville.edu">http://ulink.louisville.edu</a> ) by <b>6PM</b> . <b>Enter a message in the Discussion Board.</b> <i>ECE 221-01</i> : Read for ECE 221Lab; see Class 2. <i>Face-to-face offering.</i>
8/18	Read for ECE 221 Lab; see Class 2.
8/19	Class 2. Read “Notes on Specific Experiments” in the Coursepack. For ECE 221 Lab, <b>read EXP DC2 and EXP DC3</b> in your lab manual by Boylestad and Kousourou as well as the <b>Resistor Tolerance Statistics</b> page in the Coursepack. <i>Face-to-face offering.</i>
8/20	<b>Read Lesson 1.</b> <b>Tutorial 1A</b> on the Physics of Electricity due by <b>2PM</b>
8/21	Class 3. <b>Tutorial 1</b> on Basic Elements and Circuit Laws due by <b>2PM</b> <i>Face-to-face offering.</i>
8/24	Class 4. Self-check Homework 1 (basic circuit laws). Be sure to draw and label all circuits. <i>Face-to-face offering.</i>
8/26	Class 5. Prepare for Quiz 1&2 (basic circuit laws) & (Resistors in series and parallel; voltage/current dividers) <i>Face-to-face offering.</i>
8/28	<b>Read Lesson 2.</b> Class 6. <b>Tutorial 2</b> on resistors and <b>Tutorial 2A</b> on voltage/current dividers due by <b>2PM</b> <i>Face-to-face offering.</i>
8/31	Class 7. Self-check Homework 2 (Resistors in series and parallel) <i>Face-to-face offering.</i>
9/2	Class 8. <b>Quiz 1&amp;2</b> (basic circuit laws) & (Resistors in series and parallel; voltage/current dividers) <i>Face-to-face offering.</i>
9/3	<b>Read Lesson 3.</b> <b>Tutorial 3</b> on Kirchhoff's Laws due by <b>2PM</b> <i>Thurby</i>
9/4	Class 9. Self-check Homework 3 (Circuit solving with Kirchhoff's Laws) <i>REMOTE for Oaks</i>
9/7	<i>Labor Day Holiday</i>
9/9	Class 10. Prepare for Quiz 3&4 (Circuit solving with Kirchhoff's Laws) & (Node-voltage method) <i>Face-to-face offering.</i>
9/11	<b>Read Lesson 4.</b> Class 11. <b>Tutorial 4</b> on node-voltage method due by <b>2PM</b> <i>Face-to-face offering.</i>
9/14	Class 12. Self-check Homework 4 (Node-voltage method) <i>Face-to-face offering.</i>
9/16	Class 13. <b>Quiz 3&amp;4</b> (Circuit solving with Kirchhoff's Laws) & (Node-voltage method) <i>Face-to-face offering.</i>
9/18	<b>Read Lesson 5.</b> Class 14. <b>Tutorial 5</b> on mesh-current method due by <b>2PM</b> <i>LAST Face-to-face offering.</i>
9/21	Class 15. Self-check Homework 5 (Mesh-current method) <i>REMOTE Delivery for remainder of semester.</i>
9/23	Class 16. Prepare for Quiz 5&6 (Mesh-current method) & (Thevenin's Theorem, etc.) <i>REMOTE Delivery for remainder of semester.</i>

9/25	<b>Read Lesson 6.</b> Class 17. <b>Tutorial 6</b> (Thevenin Lab) due by <b>2PM</b> <i>REMOTE Delivery for remainder of semester.</i>
9/28	Class 18. <b>Tutorial 6A</b> (max power transfer) and <b>Tutorial 6B</b> (Superposition) due by <b>2PM</b>
9/29	Self-check Homework 6 (Thevenin's Theorem, etc.)
9/30	Class 19. <b>Quiz 5&amp;6</b> (Mesh-current method) & (Thevenin's Theorem, etc.)
10/2	<b>Read Lesson 7.</b> Class 20. <b>Tutorial 7</b> on inductors and capacitors due by <b>2PM</b>
10/5-10/6	<i>Midterm Break</i>
10/7	Class 21. Self-check Homework 7 (Inductors and capacitors)
10/9	<b>Read Lesson 8.</b> Class 22.
10/12	Class 23. <b>Tutorial 8</b> on first order systems due by <b>2PM</b>
10/13	Self-check Homework 8 (First order systems)
10/14	Class 24. <b>Quiz 8</b> (First order systems)
10/16	<b>Read Lesson 9.</b> Class 25.  Last day to withdraw with a W.
10/19	Class 26. <b>Tutorial 9</b> on second order systems due by <b>2PM</b>
10/21	Class 27. Self-check Homework 9 (second order systems)
10/23	<b>Read Lesson 10.</b> Class 28.
10/26	Class 29. <b>Tutorial 10</b> (sinusoids) due by <b>2PM</b>
10/28	Class 30. <b>Quiz 9</b> (second order systems) You may use one sheet of notes.  <b>Tutorial 10A</b> (rms), and <b>Tutorial 10B</b> (complex numbers) due by <b>2PM</b>
10/30	<b>Read Lesson 11.</b> Class 31. Self-check Homework 10 (sinusoids and complex numbers)
11/2	Class 32. <b>Tutorial 11</b> on phasors due by <b>2PM</b>
11/4	Class 33. Self-check Homework 11 (phasors)
11/6	Class 34. Prepare for Quiz 11&12 (phasors) & (AC power)
11/9	<b>Read Lesson 12.</b> Class 35. <b>Tutorial 12</b> on AC power due by <b>2PM</b>
11/10	Self-check Homework 12 (AC power)
11/11	Class 36. <b>Quiz 11&amp;12</b> (phasors) & (AC power) You may use one sheet of notes.
11/12	<b>Tutorial 12A</b> on maximum power transfer (AC) due by <b>2PM</b>
11/13	Class 37. Prepare for Quiz 12&13 (AC maximum power transfer) & (Op Amps & 3-phase) Self-check Homework 12 (AC maximum power transfer)
11/16	<b>Read Lesson 13.</b> Class 38. <b>Tutorial 13A</b> on operational amplifiers due by <b>2PM</b>
11/17	<b>Tutorial 13</b> on 3 phase due by <b>2PM</b>
11/18	Class 39. Self-check Homework 13 (operational amplifiers and 3 phase)

11/20	Class 40. <b>Quiz 12&amp;13</b> (AC maximum power transfer) & (Op Amps & 3-phase) You may use one sheet of notes.
11/23	<b>Read Lesson 14.</b> Class 41. Electrical safety
11/25- 11/27	<i>Thanksgiving Break</i>
11/30	Class 42. Last class day. <b>Quiz 14</b> (electrical safety) No notes allowed.
12/4	8 AM - 10:30 AM: <b>Final exam</b> You may use one sheet of notes.

## Schedule for ECE 220 Fall 2020 – Month View

### August 2020 – ECE 220

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9	10	11	12	13	14	15
16	17 Class 1. Log onto Blackboard (accessed from <a href="http://ulink.louisville.edu">http://ulink.louisville.edu</a> ) by <b>6PM</b> . <b>Enter a message in the Discussion Board.</b> <i>ECE 221-01</i> : Read for Lab; see Class 2.  <i>Face-to-face offering.</i>	18 Read for ECE 221 Lab; see Class 2.	19 Class 2. Read “Notes on Specific Experiments” in the Coursepack. For ECE 221 Lab, <b>read EXP DC2 and EXP DC3</b> in your lab manual by Boylestad and Kousourou as well as the <b>Resistor Tolerance Statistics</b> in the Coursepack.  <i>Face-to-face offering.</i>	20 <b>Read Lesson 1.</b>  <b>Tutorial 1A</b> on the Physics of Electricity due by <b>2PM</b>	21 Class 3. <b>Tutorial 1</b> on Basic Elements and Circuit Laws due by <b>2PM</b>  <i>Face-to-face offering.</i>	22
23	24 Class 4. Self-check Homework 1 (basic circuit laws). Be sure to draw and label all circuits.  <i>Face-to-face offering.</i>	25	26 Class 5. Prepare for Quiz 1&2 (basic circuit laws) & (Resistors in series and parallel; voltage/current dividers)  <i>Face-to-face offering.</i>	27	28 <b>Read Lesson 2.</b> Class 6. <b>Tutorial 2</b> on resistors and <b>Tutorial 2A</b> on voltage/current dividers due by <b>2PM</b>  <i>Face-to-face offering.</i>	29
30	31 Class 7. Self-check Homework 2 (Resistors in series and parallel)  <i>Face-to-face offering.</i>					

### September 2020 – ECE 220

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 Class 8. <b>Quiz 1&amp;2</b> (basic circuit laws) & (Resistors in series and parallel; voltage/current dividers)  <i>Face-to-face offering.</i>	3 <b>Read Lesson 3.</b> <b>Tutorial 3</b> on Kirchhoff's Laws due by <b>2PM</b>  <i>Thurby</i>	4 Class 9. Self-check Homework 3 (Circuit solving with Kirchhoff's Laws)  <i>REMOTE for Oaks</i>	5
6	7 <i>Labor Day Holiday</i>	8	9 Class 10. Prepare for Quiz 3&4 (Circuit solving with Kirchhoff's Laws) & (Node-voltage method)  <i>Face-to-face offering.</i>	10	11 <b>Read Lesson 4.</b> Class 11. <b>Tutorial 4</b> on node-voltage method due by <b>2PM</b>  <i>Face-to-face offering.</i>	12
13	14 Class 12. Self-check Homework 4 (Node-voltage method)  <i>Face-to-face offering.</i>	15	16 Class 13. <b>Quiz 3&amp;4</b> (Circuit solving with Kirchhoff's Laws) & (Node-voltage method)  <i>Face-to-face offering.</i>	17	18 <b>Read Lesson 5.</b> Class 14. <b>Tutorial 5</b> on mesh-current method due by <b>2PM</b>  <i>LAST Face-to-face offering.</i>	19
20	21 Class 15. Self-check Homework 5 (Mesh-current method)  <i>REMOTE Delivery for remainder of semester.</i>	22	23 Class 16. Prepare for Quiz 5&6 (Mesh-current method) & (Thevenin's Theorem, etc.)  <i>REMOTE Delivery for remainder of semester.</i>	24	25 <b>Read Lesson 6.</b> Class 17. <b>Tutorial 6</b> (Thevenin Lab) due by <b>2PM</b>  <i>REMOTE Delivery for remainder of semester.</i>	26
27	28 Class 18. <b>Tutorial 6A</b> (max power transfer) and <b>Tutorial 6B</b> (Superposition) due by <b>2PM</b>	29 Self-check Homework 6 (Thevenin's Theorem, etc.)	30 Class 19. <b>Quiz 5&amp;6</b> (Mesh-current method) & (Thevenin's Theorem, etc.)			

**October 2020 – ECE 220**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 <b>Read Lesson 7.</b> Class 20. <b>Tutorial 7</b> on inductors and capacitors due by <b>2PM</b>	3
4	5 <i>Midterm Break</i>	6 <i>Midterm Break</i>	7 Class 21. Self-check Homework 7 (Inductors and capacitors)	8	9 <b>Read Lesson 8.</b> Class 22.	10
11	12 Class 23. <b>Tutorial 8</b> on first order systems due by <b>2PM</b>	13 Self-check Homework 8 (First order systems)	14 Class 24. <b>Quiz 8</b> (First order systems)	15	16 <b>Read Lesson 9.</b> Class 25.  Last day to withdraw with a W.	17
18	19 Class 26. <b>Tutorial 9</b> on second order systems due by <b>2PM</b>	20	21 Class 27. Self-check Homework 9 (second order systems)	22	23 <b>Read Lesson 10.</b> Class 28.	24
25	26 Class 29. <b>Tutorial 10</b> (sinusoids) due by <b>2PM</b>	27	28 Class 30. <b>Quiz 9</b> (second order systems) You may use one sheet of notes.  <b>Tutorial 10A</b> (rms), and <b>Tutorial 10B</b> (complex numbers) due by <b>2PM</b>	29	30 <b>Read Lesson 11.</b> Class 31. Self-check Homework 10 (sinusoids and complex numbers)	31

**November 2020 – ECE 220**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Class 32. <b>Tutorial 11</b> on phasors due by <b>2PM</b>	3	4 Class 33. Self-check Homework 11 (phasors)	5	6 Class 34. Prepare for Quiz 11&12 (phasors) & (AC power)	7
8	9 <b>Read Lesson 12.</b> Class 35. <b>Tutorial 12</b> on AC power due by <b>2PM</b>	10 Self-check Homework 12 (AC power)	11 Class 36. <b>Quiz 11&amp;12</b> (phasors) & (AC power) You may use one sheet of notes.	12 <b>Tutorial 12A</b> on maximum power transfer (AC) due by <b>2PM</b>	13 Class 37. Prepare for Quiz 12&13 (AC maximum power transfer) & (Op Amps & 3-phase)  Self-check Homework 12 (AC maximum power transfer)	14
15	16 <b>Read Lesson 13.</b> Class 38. <b>Tutorial 13A</b> on operational amplifiers due by <b>2PM</b>	17 <b>Tutorial 13</b> on 3 phase due by <b>2PM</b>	18 Class 39. Self-check Homework 13 (operational amplifiers and 3 phase)	19	20 Class 40. <b>Quiz 12&amp;13</b> (AC maximum power transfer) & (Op Amps & 3-phase) You may use one sheet of notes.	21
22	23 <b>Read Lesson 14.</b> Class 41. Electrical safety	24	25 <i>Thanksgiving Break</i>	26	27 <i>Thanksgiving Break</i>	28
29	30 Class 42. Last class day. <b>Quiz 14</b> (electrical safety) No notes allowed.					

**December 2020 – ECE 220**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4 8 AM - 10:30 AM: <b>Final exam</b> You may use one sheet of notes.	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		