

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Week 1	4/8	Class 1: 4/9 Welcome and Introductions	4/10	Class 2: 4/11 <b>Conquering College Lab #1 Due at start of class</b> In-Class: Explore Your Purpose Activity  For returning students, see <a href="#">my first welcome email</a> (pgs 12 – 14) for advanced work beyond the conquering college labs.	4/12
Week 2	4/15	Class 3: 4/16 <b>Conquering College Lab #2 Due at start of class</b> Introduction to peer evaluation  For returning students, see <a href="#">my first welcome email</a> (pgs 12 – 14) for advanced work beyond the conquering college labs.	4/17	Class 4: 4/18 <b>Conquering College Lab #3 Due at start of class</b> Adapt to Our Flipped Classroom  For returning students, see <a href="#">my first welcome email</a> (pgs 12 – 14) for advanced work beyond the conquering college labs.	4/19
Week 3	4/22	Class 5: 4/23 MD Lesson 0, Introduction: <a href="#">Videos &amp; Notes</a> MD Lesson 1, Vectors in 2D: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §2.1: Vectors in 2D</a> MD Lesson 2, Introduction: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §2.2: Vectors in 3D</a>	4/24	Class 6: 4/25 MD Lesson 3, 2D Vectors 2D: <a href="#">Videos &amp; Notes</a> , <a href="#">OpenStax §2.3: Dot Product</a> MD Lesson 4, Cross Products: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax § 2.4: Cross Product</a> MD Lesson 5, Vector-Valued Functions: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §2.5: Lines and Planes in Space</a>	4/26
Week 4	4/29	Class 7: 4/30 MD Lesson 6, Lines and Planes: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §2.6: Quadratic Surfaces</a> MD Lesson 7, Graphs and Level Curves: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.1: Multivariable Functions</a> <b>Conquering College Lab #4 Due at 10am</b>	5/1	Class 8: 5/2 MD Lesson 8, Multivariable Limits: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.2: Multivariable Limits</a> MD Lesson 9, Partial Derivatives: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.3: Partial Derivatives</a>	5/3
Week 5	5/6	Class 9: 5/7 MD Lesson 10, The Chain Rule: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.5: Multivariable Chain Rule</a> MD Lesson 11, The Gradient: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.6: Directional Derivatives</a> <a href="#">OpenStax §4.6: The Gradient</a>	5/8	Class 10: 5/9 MD Lesson 11, The Gradient: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.6: Directional Derivatives</a> <a href="#">OpenStax §4.6: The Gradient</a> <b>Finish exploratory read of <a href="#">Ultralearning by Scott Young</a></b>	5/10
Week 6	5/13	Class 11: 5/14 MD Lesson 12, Tangent Planes: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.4: Tangent Planes</a> MD Lesson 13, Max/Min Problems: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §4.7: Maxima/Minima Problems</a> <b>Mid-Term Learning Self Evaluation Activity ( <a href="#">.docx</a> ) or ( <a href="#">.pdf</a> )</b>	5/15	Class 12: 5/16 MD Lesson 14, Tangent Planes: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §Lagrange Multipliers</a>	5/17
Week 7	5/20	Class 13: 5/21 INA Lesson 1, Sequences: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §5.1: Sequences</a> INA Lesson 2, Infinite Series: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §5.2: Infinite Series</a>	5/22	Class 14: 5/23 INA Lesson 3, Integral & Diverge Tests: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §5.3: Integral and Divergence Tests</a>	5/24
Week 8	5/27	Class 15: 5/28 INA Lesson 4, Root & Ratio Tests: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §5.4: Comparison Test</a> <a href="#">OpenStax §5.6: Root and Ratio Tests</a>	5/29	Class 16: 5/30 INA Lesson 5, Alternating Series Test: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §5.5: Alternating Series Tests</a>  <b>Finish <a href="#">exploratory read</a> of a second title: For more ideas, see <a href="#">Jeff's article on 40+ books to enhance your education</a></b>	5/31
Week 9	6/3	Class 17: 6/4 INA Lesson 6, Power Series: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §6.2: Power Series and Functions</a>	6/5	Class 18: 6/6 INA Lesson 7, Power Series Properties: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §6.2: Power Series and Functions</a>	6/7
Week 10	6/10	Class 19: 6/11 INA Lesson 8, Taylor Series: <a href="#">Videos &amp; Notes</a> <a href="#">OpenStax §6.3: Taylor and Maclaurin Series</a>	6/12	Class 20: 6/13 INA Lesson 9, Working with Taylor Series: <a href="#">Videos</a> <a href="#">OpenStax §6.4: Working with Taylor Series</a>	6/14
Week 11	6/17	Class 21: 6/18 INA Lesson 10, Intro to Fourier Series: <a href="#">Videos &amp; Notes</a> ( <a href="#">Here</a> and <a href="#">there</a> are great books on Fourier Series)	6/19	Class 22: 6/20 Flex Day  <b>Finish <a href="#">exploratory read</a> of a third title: For more ideas, see <a href="#">Jeff's article on 40+ books to enhance your education</a></b>	6/21
Week 12	(6/24) <b>**Finals Week**</b>	(6/25) <b>**Finals Week**</b>	(6/26) <b>**Finals Week**</b>	Class 23: 6/27 Next steps and goodbyes Due by 3pm: Final Course Evals & <b>Final Learning Self Evaluation ( <a href="#">.docx</a> ) or ( <a href="#">.pdf</a> )</b>	(6/28) <b>**Finals Week**</b>

### NOTES:

- The regularly scheduled in-class meeting during finals week is on Thursday June 27, 2024 from 1PM – 3PM.
- Week 12 of the quarter is known as “finals week.” We do not hold regular classes that week but instead have [one final meeting time](#).
- If you cannot attend the regularly schedule final exam time, please speak with Jeff before the end of the second week of class.
- **This calendar is designed to help keep you on track:** if you are falling behind, please reach out to Jeff and your classmates ASAP