

AUGUST 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2	<p><i>Videos</i> 3</p> <p>1: An Introduction to the Course 2: A Preview of Calculus</p> <p><i>Readings</i></p> <p>Read the course syllabus. Stewart: A Preview of Calculus</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p>	<p><i>Videos</i> 4</p> <p>3: Functions</p> <p><i>Readings</i></p> <p>Stewart section 1.1</p> <p><i>Meetings</i></p> <p>Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i></p> <p>Problem set 1 due at 11:59 PM</p>	<p><i>Videos</i> 5</p> <p>4: Some Important Functions</p> <p><i>Readings</i></p> <p>Stewart sections 1.2, 1.4, 1.5.</p> <p><i>Assignments</i></p> <p>Problem set 2 due at 11:59 PM</p> <p>Quiz 1 available at 11:59 PM</p>	<p><i>Videos</i> 6</p> <p>5: New Functions from Old</p> <p><i>Readings</i></p> <p>Stewart section 1.3</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p> <p><i>Assignments</i></p> <p>Problem set 3 due at 11:59 PM</p>	<p><i>Assignments</i> 7</p> <p>Quiz 1 due at 11:59 PM</p>	8
9	<p><i>Videos</i> 10</p> <p>6: Limits, Intuitively</p> <p><i>Readings</i></p> <p>Stewart sections 2.1, 2.2, 2.6</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p>	<p><i>Videos</i> 11</p> <p>7: Limits, Rigorously</p> <p><i>Readings</i></p> <p>Stewart sections 2.4, 2.6</p> <p><i>Meetings</i></p> <p>Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i></p> <p>Problem set 4 due at 11:59 PM</p>	<p><i>Videos</i> 12</p> <p>8: Limit laws 9: Continuity</p> <p><i>Readings</i></p> <p>Stewart sections 2.3, 2.5</p> <p><i>Assignments</i></p> <p>Problem set 5 due at 11:59 PM</p> <p>Quiz 2 available at 11:59 PM</p>	<p><i>Videos</i> 13</p> <p>10: Derivatives and Rates of Change 11: The Derivative as a Function</p> <p><i>Readings</i></p> <p>Stewart sections 2.7, 2.8</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p> <p><i>Assignments</i></p> <p>Problem set 6 due at 11:59 PM</p>	<p><i>Assignments</i> 14</p> <p>Quiz 2 due at 11:59 PM</p>	15
16	<p><i>Videos</i> 17</p> <p>12: Derivatives of Polynomials and Exponentials</p> <p><i>Readings</i></p> <p>Stewart section 3.1</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p>	<p><i>Videos</i> 18</p> <p>13: The Product and Quotient Rules 14: Derivatives of Trigonometric Functions</p> <p><i>Readings</i></p> <p>Stewart sections 3.2, 3.3</p> <p><i>Meetings</i></p> <p>Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i></p> <p>Problem set 7 due at 11:59 PM</p>	<p><i>Videos</i> 19</p> <p>15: The Chain Rule</p> <p><i>Readings</i></p> <p>Stewart section 3.4</p> <p><i>Assignments</i></p> <p>Problem set 8 due at 11:59 PM</p> <p>Midterm 1 available at 11:59 PM</p>	<p><i>Videos</i> 20</p> <p>16: Implicit Differentiation</p> <p><i>Readings</i></p> <p>Stewart section 3.5</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p> <p><i>Assignments</i></p> <p>Problem set 9 due at 11:59 PM</p>	21	22
<p><i>Assignments</i> 23</p> <p>Midterm 1 due at 11:59 PM</p>	<p><i>Videos</i> 24</p> <p>17: Derivatives of Logarithmic Functions</p> <p><i>Readings</i></p> <p>Stewart section 3.6</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p>	<p><i>Videos</i> 25</p> <p>18: Related Rates</p> <p><i>Readings</i></p> <p>Stewart section 3.9</p> <p><i>Meetings</i></p> <p>Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i></p> <p>Problem set 10 due at 11:59 PM</p>	<p><i>Videos</i> 26</p> <p>19: Linear Approximation</p> <p><i>Readings</i></p> <p>Stewart section 3.10</p> <p><i>Assignments</i></p> <p>Problem set 11 due at 11:59 PM</p> <p>Quiz 3 available at 11:59 PM</p>	<p><i>Videos</i> 27</p> <p>20: Extrema</p> <p><i>Readings</i></p> <p>Stewart section 4.1</p> <p><i>Meetings</i></p> <p>Office Hours, 12-1 PM</p> <p><i>Assignments</i></p> <p>Problem set 12 due at 11:59 PM</p>	<p><i>Assignments</i> 28</p> <p>Quiz 3 due at 11:59 PM</p>	29

SEPTEMBER 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	<p><i>Videos</i> 31 21: The Mean Value Theorem</p> <p><i>Readings</i> Stewart section 4.2</p> <p><i>Meetings</i> Office Hours, 12-1 PM</p>	<p><i>Videos</i> 1 22: Curve Sketching</p> <p><i>Readings</i> Stewart section 4.3</p> <p><i>Meetings</i> Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i> Problem set 13 due at 11:59 PM</p>	<p><i>Videos</i> 2 23: Indeterminate Forms and l'Hospital's Rule</p> <p><i>Readings</i> Stewart section 4.4</p> <p><i>Assignments</i> Problem set 14 due at 11:59 PM Midterm 2 available at 11:59 PM</p>	<p><i>Videos</i> 3 24: Curve Sketching Redux</p> <p><i>Readings</i> Stewart section 4.5</p> <p><i>Meetings</i> Office Hours, 12-1 PM</p> <p><i>Assignments</i> Problem set 15 due at 11:59 PM</p>	4	5
<p><i>Assignments</i> 6 Midterm 2 due at 11:59 PM</p>	<p>7 Labor Day</p>	<p><i>Videos</i> 8 25: Optimization</p> <p><i>Readings</i> Stewart section 4.7</p> <p><i>Meetings</i> Problem Session, 11 AM-12 PM</p> <p><i>Assignments</i> Problem set 16 due at 11:59 PM</p>	<p><i>Videos</i> 9 26: Newton's Method</p> <p><i>Readings</i> Stewart section 4.8</p> <p><i>Assignments</i> Problem set 17 due at 11:59 PM</p>	<p><i>Videos</i> 10 27: Antiderivatives (A Preview of 3B)</p> <p><i>Readings</i> Stewart section 4.9</p> <p><i>Meetings</i> Office Hours, 12-1 PM</p> <p><i>Assignments</i> Problem set 18 due at 11:59 PM</p>	11	<p><i>Assignments</i> 12 Final paper due at 11:59 PM</p>

- All lecture videos and problem sets for the week will be posted on GauchoSpace by Monday of that week. If you would like to get a few days ahead on course material, this will allow you to do so.
- Attendance at problem sessions or office hours is optional and will not count toward your grade.