

# Course Schedule – MAT134H5 – Winter 2020

Week		Mon.- Fri.	Thu. – Sun.	Notes
<b>1</b> (Jan. 6-12)	<i>In Class</i>	5.1 Areas and Estimating with Finite Sums 5.2 Sigma Notation & Limits of Finite Sums		Complete <b>Pre-1</b> by Jan. 5. <b>No tutorials</b> this week.
	<i>At Home</i>		Complete <b>Pre-2</b>	
<b>2</b> (Jan. 13-19)	<i>In Class</i>	5.2 Sigma Notation & Limits of Finite Sums (Cont.) 5.3 The Definite Integral		<b>Tutorials begin</b> this week. <b>Jan. 19</b> – Last day to change lectures/tutorials on ACORN.
	<i>At Home</i>	Complete <b>Post-1</b>	Complete <b>Pre-3</b>	
<b>3</b> (Jan. 20-26)	<i>In Class</i>	5.4 The Fundamental Theorem of Calculus 5.5 Indefinite Integrals and the Substitution Method		
	<i>At Home</i>	Complete <b>Post-2</b>	Complete <b>Pre-4</b>	
<b>4</b> (Jan. 27 - Feb. 2)	<i>In Class</i>	5.6 Definite Integral Sub. and Area Between Curves 6.1 Volumes Using Cross-Sections		<b>Jan. 31</b> – Term Test 1.
	<i>At Home</i>	Complete <b>Post-3 (Due 2pm on Friday!)</b>	Complete <b>Pre-5</b>	
<b>5</b> (Feb. 3-9)	<i>In Class</i>	6.3 Arc Length 6.4 Areas of Surfaces of Revolution 8.1 Using Basic Integration Formulas		
	<i>At Home</i>	Complete <b>Post-4</b>	Complete <b>Pre-6</b>	
<b>6</b> (Feb. 10-16)	<i>In Class</i>	8.2 Integration by Parts 8.3 Trigonometric Integrals		
	<i>At Home</i>	Complete <b>Post-5</b>		
<b>Reading Week</b> (Feb. 17-23)	<i>In Class</i>	<b>(No Classes)</b>		<b>Feb. 17</b> – Family Day.
	<i>At Home</i>	Complete <b>Post-6</b>	Complete <b>Pre-7</b>	
<b>7</b> (Feb. 24 – Mar. 1)	<i>In Class</i>	8.4 Trigonometric Substitutions 8.5 Integrations of Rational Func. by Partial Fractions		
	<i>At Home</i>		Complete <b>Pre-8</b>	
<b>8</b> (Mar. 2-8)	<i>In Class</i>	8.8 Improper Integrals 10.1 Sequences		
	<i>At Home</i>	Complete <b>Post-7</b>	Complete <b>Pre-9</b>	
<b>9</b> (Mar. 9-15)	<i>In Class</i>	10.2 Infinite Series 10.3 The Integral Test		<b>Mar. 13</b> – Term Test 2.
	<i>At Home</i>	Complete <b>Post-8 (Due 2pm on Friday!)</b>	Complete <b>Pre-10</b>	
<b>10</b> (Mar. 16-22)	<i>In Class</i>	10.4 Comparison Tests 10.5 Absolute Convergence; The Ratio/Root Tests		
	<i>At Home</i>	Complete <b>Post-9</b>	Complete <b>Pre-11</b>	
<b>11</b> (Mar. 23-29)	<i>In Class</i>	10.6 Alternating Series and Conditional Convergence 10.7 Power Series		
	<i>At Home</i>	Complete <b>Post-10</b>	Complete <b>Pre-12</b>	
<b>12</b> (Mar. 30 – Apr. 5)	<i>In Class</i>	10.8 Taylor and Maclaurin Series Review		<b>Apr. 3</b> – Classes end.
	<i>At Home</i>	Complete <b>Post-11</b>		

Legend:    **Pre-X** : Online Pre-Class Quiz (due Sunday at midnight).  
                   **Post-X** : Online Post-Class Quiz (due Friday at midnight).