## Tentative Schedule for MTH 252H Section 1 – CRN 32366 ------Winter 2019------

	Monday	Tuesday	Wednesday	Thursday	Friday
Jan.	7 Introduction Area under curves (5.1) Length of curves (6.5)	8	<b>9</b> Approximating areas under curves (7.7)	10	11 Group work 1 given
Jan.	<b>14</b> Approximating areas under curves (7.7) Definite integrals (5.2)	15	<b>16</b> Indefinite Integrals (4.9)	17	<b>18</b> Group work 2 given Group work 1 due
Jan.	21 No class (Martin Luther King day)	22	<b>23</b> Fundamental Theorem of Calculus (5.3) Regions between curves (6.2)	24	<b>25</b> Group work 3 given Group work 2 due
Jan/Feb.	28 Mean-Value Theorem (5.4) Velocity, force, work (6.1)	29	<b>30</b> Substitution rule (5.5)	31	<b>1</b> Group work 4 given Group work 3 due
Feb.	<b>4</b> Trigonometric substitutions (7.4)	5	<b>6</b> Volume by slicing (6.3)	7	<b>8</b> Midterm review Group work 4 due
Feb.	11 Midterm Exam (in class, 10 – 11:20 AM)		13 Volume by shells (6.4) <b>Group project given</b>	14	<b>15</b> Practice on computing volume of solids of revolution
Feb.	<b>18</b> Integration by parts (7.2) <del>Partial fractions (7.5)</del>	19	2 <b>0</b> No class (Instructor out of town)	21	22 No class (Instructor out of town)
Feb./Mar.	<b>25</b> Logarithm and exponential- <del>functions (6.8)</del> University closed due to snow	26	<b>27</b> Growth and decay models (6.9), Cooling problem University closed due to snow	28	1 Surface area (6.6) Group work 5 given
Mar.	<b>4</b> <del>Logistic model (7.9)</del> <del>Mixing problem</del> Partial fractions (7.5)	5	6 Improper integrals (7.8) Group project due	7	<b>8</b> Group work 5 due Group work 6 given
Mar.	11 Polar coordinates (10.2) Differential equation (7.9)	12	<b>13</b> <del>Calculus in polar coord. (10.3)</del> Logistic model (7.9), mixing problem <b>Group work 6 due (optional)</b>	14	<b>15</b> (last day of class) Review for Final exam
Mar.	18	19	20	21 Final exam 12:00 - 1:50 PM, Room Bexell 321	22