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Last update: Dec 22, 2011 Textbook: Finney and Thomas: Calculus, 2nd edition. Office hour: To be announced.	4.4: Graphing of rational functions.4.5: Optimization.4.6: Mean Value Theorem.
Course contents: Chap 2: Limits and continuity: 2.2-2.5. Chap 3: Derivatives: 3.1-3.2, 3.4-3.8 Chap 4: Application of derivatives: 4.2-4.6 Chap 5: Integration: 5.2-5.6 Chap 6: Transcendental Functions: 6.1-6.4, 6.6-6.10 Chap 7: Application of Integration: 7.1-7.4 Chap 8: Techniques of Integration: 8.1-8.6	<pre>Week 08: Tu: 11/06: Tu: 11/06: Recitation (on homework 07). Tr: 11/08: quiz 3(on homework 07) 5.1: Estimating with finite sums. 5.2: Riemann sums and definite integrals. 5.3: Mean value theorem for integrals. 5.4: Fundamental Theorem of Calculus. 5.5: Indefinite integrals.</pre>
Grading: quiz (pick 5 best from 6) 40%, midterm 1, 2 and final, about 20% each. Week 01: (No recitation this week)	Week 09: Tu: 11/13:
<pre>Tu: 09/18: Tr: 09/20: 2.2: Limits involving infinity. 2.3: Sandwich Theorem. 2.4: Continuous functions. Intermediate value Theorem and application to root finding.</pre>	<pre>Tu: 11/13: Recitation (on homework 08) Tr: 11/15: 5.6: Integration by substitution. 6.1: Exponential function and its derivative. 6.2: Inverse functions and their derivatives. 6.3: Logarithmic function and its derivative.</pre>
<pre>Week 02: Tu: 09/25: We: 09/25: Recitation (on homework 01) Tr: 09/27: 2.5: Formal definition of limits. 3.1: Slopes and Derivatives.</pre>	<pre>Week 10: Tu: 11/20: Tu: 11/20: Recitation (on homework 09) Tr: 11/22: quiz 4(on homework 09 - homework 10) 6.4: Integration of logarithmic function. 6.6: L'Hopital's rule. 6.7: Big 0 and small 0.</pre>
<pre>Week 03: Tu: 10/02: Tu: 10/02: Recitation (on homework 02) Tr: 10/04: quiz 1 (on homework 01 - homework 02) 3.2: Differentiation Rules. 3.4: Derivative of trigonometric functions. 3.5: The Chain Rule.</pre>	<pre>Week 11: Tu: 11/27: Tu: 11/27: Recitation (on homework 10) Tr: 11/29: 6.8: Inverse trigonometric functions and their derivatives. 6.9: Integration and derivatives of trigonometric functions. 6.10: Hyperbolic Functions.</pre>
Week 04: Tu: 10/09: Tu: 10/09: Recitation (on homework 03) Tr: 10/11:	Week 12: Tu: 12/04: Recitation (on homework 11) Tu: 12/04: No class
3.6: Implicit Differentiation.3.7: Linearization and differentials.Extra on 3.7: Error estimate for linear approximations.	Tr: 12/06: No class. Additional review session if necessary. Week 13: (No recitation this week)
3.8: Newton's method. Week 05: Tu: 10/16:	<pre>Tu: 12/11: Midterm Exam 2(week 07 - week 11) Tu: 12/11: Tr: 12/13: 6.11: First order differential equations.</pre>
Tu: 10/16: Recitation (on homework 04) Tr: 10/18: 4.2: Extreme values and critical points.	 7.1: Areas between curves. 7.2: Volumes of solids of revolution disks and Washers. 7.3: Volumes of solids of revolution cylindrical shells.
4.3: Graphing. Week 06: Tu: 10/23:	Week 14: Tu: 12/18: Recitation (on homework 13) Tu: 12/18:
Tu: 10/23: Recitation (on homework 05) Tr: 10/25: Midterm Exam 1(on week 01 - week 05)	Tr: 12/10: Tr: 12/20: 7.4: Curve length and surface area. 8.1: Basic integration formulas.
Week 07: (No recitation this week) Tu: 10/30: Tr: 11/01:	Week 15: Tu: 12/25: Recitation (on homework 14)
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Tu: 12/25: Tr: 12/27: 8.2: Integration by parts. 8.3: Partial fractions.		
Week 16: Tu: 01/01: No class Tu: 01/01: quiz 5 Tr: 01/03: 8.4: Trigonometric substitut: 8.5: Integral tables. 8.6: Improper integrals.	(on homework 13 - homework ion.	14)
Week 17: Tu: 01/08: quiz 6 (6:20PM or Tu: 01/08: Tr: 01/10:	n homework 15-16, only for those who sig	gned up)
Week 17: Final Exam	-(on week 13 - week 16)	