MATH 1920 Fall 2013 MW 10:20-12:25
Calculus II (DH 123)

TEXT: Calculus, by Briggs and Cochran (optional) (no mymathlab)
Calculator: TI-81 or above (required)

Instructor: Pei-Kee Lin Office: DH 241 e-mail id “pklin”
Phone: 3143 Office Hour: MW 9:00-10:00

Aug 26, 28 Review-limits, derivative, and integration (chapter 2 to chapter 5)
Sep 4 Fundamental Theorem of Calculus and Substitution Sec 5.3 and 5.5
Sept 9, 11, 14, 16 Volume by Slicing and Shell, Length of Curve Sec 6.1-6.5
Sept 18 Sec 6.6 and Exam I
Sept 23, 25, 30 Integration by Parts, Trigonometric Integration, Trigonometric substitutions
Octo 2, 7, 9 Partial fractions, Improper Integrals, Differential Equation
Octo 16 Exam II
Octo 21, 23, 28, 30 Sequence, Series-Integral, Limit Comparison, Ratio, Root Test
Nov 4 Alternating series
Nov 6, 11 Power Series
Nov 13 Exam III
Nov 18 Polar Coordinates
Nov 20, 25, 27 Double and Triple Integration (sec 14.1-14.4)
Dec 2, 4 Review
Dec 9, 10:30-12:30 Final Exam (decide on the first week of the class)

3 Tests each 100 points
Quizzes Total 100 points (may drop one or two lowest quizes grade(s))
Final 200 points

You need to show your work in exams or quizzes except allowing you to use calculator.

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<td>540-557</td>
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