Syllabus

Brooks/Cole Publishing Company

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Office hours: MTW 8:30 – 9:30 and 1:30 – 2:30

Contents:
   I. Indefinite integrals and technique of integration.
      Section 4.7-antiderivatives, Section 5.5 – Substitution Rule, Chapter 6
   II. Definite integrals and their applications. Chapters 5 and 7, section 9.1-
      parametric curves
   III. Improper integrals and infinite series.
      Section 7.8 and Chapter 11.

Tests: Three tests in class, with possibilities for extra credit.
Test 1. Trigonometric integrals and trigonometric substitutions. Integration by parts, integration of rational functions, rationalizing substitutions. (60 points)
Test 2. Areas, volumes, and other applications of definite integrals. (60 points)
Test 3. Improper integrals and infinite series.
   Power series, Taylor and McLaurin series. (80 points)

Departmental final 100 points.

Grading: Average of all tests.
A  90%-100%  (270 – 300 points)
B  80%-89%  (240 – 269 points)
C  70%-79%  (210 – 239 points)
D  60%-69%  (180 – 209 points)
F  Less than 60% (less than 180 points).

No matter what is your average, you will not get an “A” or a “B” if you get less than 50% or 40%, respectively, on the departmental final.

If you miss a test I will give you a possibility to take it only if you have a valid and documented excuse.

Please no food in the class room.

Put your cell phones in vibration mode before the class starts.