

Ch. 6.1, 6.3, 6.5

FORMULAS

Date

Thursday, December 3rd,
2009 for 11:00 T/R class
Or

Tuesday, December 8th,
2009 for 9:30 T/R class

Time

10:30 am – 12:30 pm

Place of Test

ILB 350

- $\int f(x) dx = F(x) + C$
- $\int x^n dx = \frac{x^{(n+1)}}{n+1} + C$
- $\int e^{kx} dx = \frac{e^{(kx)}}{k} + C$
- $\int \frac{k}{x} dx = k \cdot \ln|x| + C$
- $\int_a^b f(x) dx = F(b) - F(a)$
- Ave. Value of Continuous Function
$$\frac{1}{b-a} \int_a^b f(x) dx$$
- Future Value of a Continuous
Income Stream:
$$\int_0^N Ke^{r(N-t)}$$

K = dollars/yr, N = number of yrs,
r = interest rate, t = time

Final Exam

FORMULAS

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- Print a copy of the formula sheets for Tests 1 – 3 in addition to this sheet and bring with you to final exam.
- Your notes: