

Calculus II

102 Bouillon, mtwrf, 9:00 - 9:50 a.m.

Instructor: dr. Tim Englund**Office:** 107f bouillon**Homepage:** <http://www.cwu.edu/~englundt>**Office hours:** 10:00 – 10:50 mtwrf, or whenever my office door is open (although 8:00 – 9:00 and 12:00 – 1:30 will usually be a bad time). Of course, if none of these times will work for you, please feel free to make an appointment.**e-mail:** tim.englund@cwu.edu**Office phone:** 963 - 1759**School closure:** phone 963-2345 for messages if CWU closure after 6:45 A.M.**Textbook:** Thomas' Calculus, Early Transcendentals, 11th edition, by Thomas, et al..**Calculator:** a graphing calculator is required for this course. The TI-83, TI-83+, and TI-84 are recommended. the TI-89 and TI-93 are not recommended, although usable. If you are not certain if your calculator will suffice, ask me.**Final exam:** Wednesday, December 5. 8:00 – 10:00 a.m.**Course goals:** upon successful completion of this course, the student will be well-versed and proficient in the following areas and techniques:

- Compute distance given information about velocity;
- Write a definite integral as a limit of Riemann Sums;
- Use the Fundamental Theorem of Calculus to evaluate definite integrals;
- Use the Fundamental Theorem of Calculus to evaluate an area (accumulation) function;
- Compute antiderivatives corresponding to basic differentiation formulas;
- Use integration techniques such as substitution, parts, partial fractions and trig substitution to find indefinite and definite integrals;
- Compute improper integrals;
- Set up integrals which represent various quantities. For example:
 - Length of a curve;
 - Volume and/or the surface area of a solid of revolution;
 - Center of mass of a one-and/or two-dimensional object;
 - Solve simple linear first order differential equations;
 - Work to complete a task.

Course conduct: the textbook is required and daily attendance is expected. There will be homework assignments nearly daily. It is **your responsibility** to keep up with these assignments. These problems will be the basis for all of the exams in the course. Keep up. Do well on these problems and you should do well in the course! The use of a graphing calculator is **expected** during class, on homework, on quizzes and on exams.**Grading:** grades will be determined by the following:

- 10% homework – to be collected regularly (typically each Monday). Homework must be in a separate notebook or it will not be graded. In particular, loose leafs will not be accepted. 70 page spiral notebooks are suggested.
- 10% quizzes – each quiz will be weighted equally. Quizzes will be given each Friday, unless an exam was given that week. The lowest quiz score will not be considered.
- 60% three “chapter” exams – each exam will be weighted equally.
- 20% a comprehensive final exam – see above for date and time.

Note: no (this means **NO! NO! NO! NO! NO! NO! NO! NO! NO!**) makeup quizzes will be given and neither will any be given in advance. Arrangements must be made **prior** to an exam that will be missed.**The following scale will be used to determine grades:**

	100 - 93% = A	92.9 - 90% = A-
89.9 - 87% = B+	86.9 - 83% = B	82.9 - 80% = B-
79.9 - 77% = C+	76.9 - 73% = C	72.9 - 70% = C-
69.9 - 67% = D+	66.9 - 63% = D	62.9 - 60% = D-
	59.9 - 0% = F	

Lastly: Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their “Confirmation of Eligibility for Academic Adjustments” from the Disability Support Services Office as soon as possible so we can meet to discuss how the approved adjustments will be implemented in this class. Students with disabilities without this form should contact the Disability Support Services Office, Bouillon 205 or dssrecept@cwu.edu or 963-2171 immediately

math 173, section 001, fall term 2007

9:00 - 9:50 mtwrf, BU 102

monday	tuesday	wednesday	thursday	friday	sections covered
17-Sep	18-Sep	19-Sep change	20-Sep of	21-Sep schedule	5.1, 5.2
24-Sep period	25-Sep on Safari	26-Sep	27-Sep	28-Sep	5.3, 5.4, 5.5
1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	5.5, 5.6, 7.1
8-Oct	9-Oct exam 1	10-Oct	11-Oct	12-Oct	6.1, 6.2
15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	6.3, 6.4, 6.5
22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	6.6, 6.7
29-Oct	30-Oct exam 2	31-Oct	1-Nov	2-Nov withdrawal deadline	8.1, 8.2
5-Nov	6-Nov	7-Nov	8-Nov	9-Nov	8.3, 8.4, 8.5
12-Nov veterans day	13-Nov	14-Nov	15-Nov	16-Nov	8.5, 8.6, 8.7
19-Nov	20-Nov	21-Nov thankfully	22-Nov thanksgiving	23-Nov recess	8.7, 8.8
26-Nov	27-Nov exam 3	28-Nov	29-Nov	30-Nov last day of class	exam 3, catch-up & review
3-Dec study day	4-Dec	5-Dec final exam	6-Dec	7-Dec	final exam

note: this is only a tentative course schedule and may change at any time for any number of possible reasons