MTH 172 – Calculus II  
Fall 2015

Instructor: Carol Overdeep      Office: New Cebula 102B
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Office Hours: MWF 9–9:50; 11–11:50; TR 1–1:50; drop in, or by appointment
Webpage: http://homepages.stmartin.edu/fac_staff/coverdeep/

Other: Coursepack of class notes available in CRC
      Class notes will be posted on the class Moodle page after class

Course Prerequisite: MTH 171 or equivalent with a C– or better

Course Objectives:
♦ Complete the mathematical foundation for further study in mathematics, basic sciences, or engineering.
♦ Provide a thorough introduction to the theory and applications of integral calculus and sequence/series.
♦ Develop new problem solving skills and enhance critical thinking abilities.

Exams and Grading:
♦ Homework 15%  IMPORTANT: NO EXTRA CREDIT
♦ Exams 1/2/3/4 50% (each exam 12.5% or 16.67%***)
♦ Gateway Exam 10%  Wednesday, 9/23/15 *(subject to change)*
♦ Final 25%  Wednesday, 12/9/15, 10:15–12:15

Homework
♦ Homework will be a mixture of Webassign and “paper” problems.
  ◦ Self-registration key: stmartin 2124 9606
♦ Homework may be done in groups (each student must hand in an assignment).
♦ Homework *may* be an in-class assignment. These can not be made up.
♦ Assigned problems are on a separate handout as well as on my webpage.
♦ Due dates will be announced in class.
♦ You **must** show your work to receive full credit (where applicable).
♦ Late homework will be penalized/not accepted.
  ◦ Homework will be considered late if not in my office by 3:30 on the due date unless prior arrangements have been made.
  ◦ Homework will **not** be accepted after the assignment is returned to the class unless prior arrangements have been made.

Exams 1/2/3/4:
♦ Make-up exams will **not** be possible without prior arrangements–and the reason for missing an exam must be **compelling** and perhaps more importantly, **documented**. Exams taken after the scheduled date will be more difficult.
♦ Exams will resemble homework problems and problems done in class.
♦ TI–89’s or higher (or equivalent) will **NOT** be allowed during exams.
♦ ***The lowest exam 1/2/3/4 score will be dropped IF
   
   (homework average) × (percentage of submitted assignments) > 50%
Gateway Exam:
- Will consist of problems evaluating definite and indefinite integrals without a graphing calculator. The Gateway exam is thirty minutes.
- Like Exams 1/2/3/4, a make-up for the Gateway will not be possible without prior arrangements—and the reason for missing the exam must be compelling and documented.
- **You must score 75 or better on the Gateway to pass MTH 172.**
- Students who do not pass will have two additional attempts outside of class.
  - Passing on the second attempt earns 90% of the score.
  - Passing on the third attempt earns 80% of the score.
- Passing the Gateway does not guarantee passing the class.

Final Exam:
- Will be cumulative.
- TI–89’s or higher (or equivalent) will NOT be allowed during the final.

General Philosophy/Attendance:
- College prepares you for a professional position.
- In the working world, you are responsible for your career and you are accountable for your decisions. For example, class attendance is expected (just as you are expected to go to work), but not required.

Important Dates:
- Last Day to Change/Add a Class: September 4, 2015
- **First Exam:** September 11, 2015 (subject to change)
- **Gateway Exam:** September 23, 2015 (subject to change)
- **Second Exam:** September 30, 2015 (subject to change)
- Fall Break (Holiday): October 12–13, 2015
- **Third Exam:** October 21, 2015 (subject to change)
- **Fourth Exam:** November 10, 2015 (subject to change)
- Last Day to Withdraw From a Class: November 13, 2015
- Thanksgiving Break: November 27, 2015
- Last Day of Classes: December 3, 2015
- Final Exam: December 9, 2015, 10:15–12:15

Students with Disabilities:
If you need course adaptations or accommodations because of a disability, if you have a medical and/or safety concern to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.

For those of you who plan to take MTH 271/322/353/357:
If you do not earn a C− or better in MTH 172 this semester, you will not be allowed to take MTH 271 (Vector Calculus), MTH 322 (Differential Equations), MTH 353 (Linear Algebra), and/or MTH 357 (Probability and Statistics) until you do earn a C− or better in MTH 172!!