

Reedley College - Spring 2010 - Course Syllabus

Math 5B, Math Analysis II (Calculus), Section # 56052

Instructor: Mrs. Lina Obeid
Office: FEM 1
Phone: 638-3641, ext. 3184

Class Room: CCI206

Class Time: MTWF: 9:00 – 9:50 am

Office Hours: M & W: 10-11am; Th: 9-10am or by apt

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Basic Skills Advisories: Eligibility for English 126

Subject Prerequisites: Successful completion of Math 5A

Required Texts:

- Anton, Bivens, Davis. (2009). *Calculus: Early Transcendentals Single Variable*, 9th Edition. New Jersey: Wiley. [It is optional, but very helpful to have the *Student Solutions' Manual*.]

Materials Needed:

Math 5B prepared lecture/notes to be printed from Blackboard;

Graph paper, binder, binder paper, ruler, pencils, erasers, stapler

Graphing calculator: preferably TI 83, TI83plus, or TI84s Check with the instructor for the use of other calculators.

Course Description:

As stated in the Reedley College course outline, Math 5B includes applications of integration, techniques of integration, improper integrals, parametric equations, polar coordinates and functions, conic sections, exponential growth/decay models, infinite series including Maclaurin and Taylor Series.

Attendance and Tardy Policy:

- Roll is taken daily. Students are expected to attend every class, arrive on time, and stay for the entire class period. Students who are absent or late, or who leave early will receive a zero on the missed, incomplete, or late assignment. **Late work is not accepted.** Excuses are not accepted.
- A student who is absent or late is responsible to get him/her self updated on the missed materials. In that case, that student will need to ask a fellow student for the notes and/or the missed assignments. He/She will have to go to the math/tutorial center if he/she needs help understanding the missed material.
- If a student arrives late, it is his/her responsibility to inform the instructor after class, so the absence can be changed to a tardy. Student will not receive credit for any missed or late homework or exam. Two tardies count as an absence.
- A student may* be dropped by the instructor after 6 absences (not necessarily consecutive class periods). * **NOTE:** If a student decides to no longer be enrolled in the class, it is the student's responsibility to ensure that he/she is officially dropped by turning in a program change form in to the Admissions office. Otherwise, the student may receive an "F".

Behavioral, Campus, and Academic Policy:

- Reedley College campus policies and academic regulations will be implemented in this class.
- By enrolling in class, the student agrees to adhere to any and all class policies and regulations; The instructor reserves the right to communicate solely and directly with the enrolled student regarding matters concerning the student or the class.
- Students engaging in any behavior the instructor deems disruptive may be asked to leave for the remainder of that class session. Pagers, cell-phones, CD/DVD/MP3 players, and any other electronic device must be turned off, silenced, and made invisible before entering class. [Approved calculators, and documented/required medical devices are exceptions.] Headphones are prohibited anytime.
- Cell phones are NOT to be used as calculators. Students are not allowed to leave their cell phones in plain view during class even if set on silent. Cell phones are strictly prohibited during class.

Grading Policy:

Students are graded in four major categories according to the following:

Classwork grades constitute **5%** of the student overall grade.

Homework grades constitute **15%** of the student's overall grade.

Chapter exams grades constitute **70%** of the student's overall grade.

Final Exam grade constitutes **10%** of the student's overall grade.

- **Classwork**: Classwork is work assigned and done in class. It may include quizzes, pop-quizzes, notes, participation, or any other work required to be completed while class is in session. Late classwork will not be accepted for any reason. It must be turned in on time upon request. No make-ups or retakes are allowed. Student who are tardy or absent will receive a 0% for missed assignments. Students are expected to print outline of the lectures from BlackBoard and bring them to class on time to take notes. To allow for emergencies, the lowest classwork score will be dropped.
- **Homework**: Homework is assigned on regular basis. Homework will not be accepted late for any reason. Student who are tardy or absent will receive a 0% on their homework if the homework has been collected before they arrive. Written problems and exercises must be worked out thoroughly, completely and neatly, otherwise the work will not receive full credit. Graphs are very important in calculus, so they need to be drawn, labeled, titled, and scaled accurately and neatly using a ruler. The two lowest homework scores will be dropped to account for emergencies.
- **Chapter Exams**: Five chapter exams will be administered throughout the semester. Each chapter exam is worth 14% of the overall grade. No make-up exam will be given for any reason, for any of the chapter exams. Students who are not present at the exam time will receive a score of ZERO** on that exam. Students are not allowed to leave and return to an exam once started. To allow for emergencies, the lowest chapter exam score will be dropped.
** **Note carefully**: Exam dates will be announced in advance. If a student has a known unavoidable business on the exam date, he/she will be given the chance to take the test early (before the scheduled exam date/time) *if and only if* the student makes the appropriate arrangements with the instructor in a timely manner. Students are not allowed to take exams after the scheduled date or time for any reason.
- **The Final exam** is a mandatory comprehensive final - it might contain any of the material covered from the entire semester. Students are not allowed to leave and return to an exam once started. The Final exam score is worth 10% of the overall grade.

The Final will be administered on Wednesday, May 19th from 9:00am to 10:50am in CCI206.

The average score within each category may be calculated by adding the earned scores, then dividing them by the sum of the possible scores. The following formula is used to determine the overall grade:

$$\text{Student's overall grade} = (\text{Classwork average})(0.05) + (\text{Homework average})(0.15) + (\text{Exam average})(0.70) + (\text{Final Grade})(0.10)$$

If students need further clarification regarding grades, they are welcome to consult the instructor.

Strong math skills and excellent study habits are required to be successful in Math 5B. It is the student's responsibility to do what it takes to get the desired grade.

Plagiarism: Reedley College rules on plagiarism will be enforced. Students cheating and students allowing others to cheat off of their assignment will receive a 0% on that assignment (whether it is an exam, a final exam, or any other assignment).

Grading Scale:

Grade	Percent
A	= 90% - 100%
B	= 80% - 89%
C	= 70% - 79%
D	= 60% - 69%
F	= Below 60%

► **Tips for Success:**

- **FORM A STUDY GROUP!**
- Come to class prepared and on time;
- Attend regularly;
- **Do not procrastinate;**
- Turn in well thought-out assignments on time with all the work shown step-by-step;
- Put in the maximum effort daily in every aspect of your work;
- Ask the instructor and students for help;
- **Attend MATH CENTER and tutorial center for additional help;**
- Do not wait until you are failing or you are completely lost to ask questions.
- **READ THE SECTIONS PRIOR TO ATTENDING THE LECTURE.**

► **Accommodations for students with disabilities:**

- If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic test, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

► **Important Dates: SPRING 2010**

January 11 (M)	Spring 2010 instruction begins
January 18 (M)	Martin Luther King, Jr. Day observed (no classes held, campus closed)
January 22 (F)	Last day to drop a full-term class for a refund for Spring 2010
January 29 (F)	Last day to drop a fall full-term class to avoid a “W” for Spring 2010
February 12 (F)	Lincoln Day (no classes held, campus closed)
February 15 (M)	Washington Day observed (no classes held, campus closed)
February 16 (T)	Last day to change a spring class to/from a Pass/No-Pass grading basis
March 12 (F)	Last day to drop a full-term class (letter grades assigned after this date)
March 29 - April 2	Spring Recess (classes reconvene April 5)
May 17-21 (M-F)	Spring 2010 final exams week
May 19 (W)	FINAL@ CCI206 - 9:00AM TO 10:50AM
May 21 (F)	End of spring semester/Commencement

► *The instructor reserves the right to make minor changes to the syllabus.*