Reedley College - Spring 2011 - Course Syllabus

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

Instructor: Lina Obeid   **Class Room:** CCI206   **Class Time:** MTWF: 9:00 – 9:50 am
Office: FEM 1L   **Office Hours:** M, W, & F: 10-11am; or by apt
Phone: 638-3641, ext. 3184   **E-Mail:** lina.obeid@reedleycollege.edu

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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.
       - The ***Student Solutions' Manual is also required***.

Required Materials:

Math 5B prepared lecture/notes to be printed from Blackboard in a timely manner; ***Graph paper, binder, lined paper, ruler, pencils, erasers, stapler, and a graphing calculator - TI 83s or TI84s. Check with the instructor to use other calculators. The use of the TI 89s is prohibited on tests, quizzes, or exams.***

Course Objectives:

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:

- Students who miss the first day of class may be dropped as a "No Show" even if they are registered for the class. Students who are trying to add this class must be present in class on time the first day of class to be considered. Even then, it depends on availability, class size, and classroom capacity.
- 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. Students need to make sure they have a reliable student contact from class to get the missing info. Students can use the math/tutorial center available at Reedley College if they need 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 without notice 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".
- This class meets Monday, Tuesday, Wednesday, and Friday. Don't be tempted to take a long weekend by missing Fridays.

Behavioral, Campus, and Academic Policy:

- Reedley College campus policies and academic regulations will be implemented in this class.
- By enrolling in this class, the student agrees to adhere to any and all of the policies and regulations of this class, as well as adhere to Reedley College campus policies and academic regulations; The instructor reserves the right to communicate only 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, headphones, and electronic devices are strictly prohibited – they must be turned off, silenced, and put away before entering class. [Approved calculators, and documented/required medical devices are exceptions.]
- Cell phones are strictly prohibited in class at any time. They need to be silent, out of reach, and out of sight. Students are not allowed to place their cell phones on the desks or in plain view at any time during class, even if set to "silent" or "off". Texting in class is prohibited. Cell phones are NOT to be used as calculators. Students using a cell phone during a test are considered to be cheating.

- **Grading Policy:**

Students are graded in <u>four major categories</u> 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.

- **<u>Classwork:</u>** 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% on the missed assignments. <u>Students are expected to print outline of the lectures from the BlackBoard site and bring them to class on time to take notes.</u> To allow for emergencies, the lowest classwork score will be dropped.

- **<u>Homework:</u>** Homework is assigned on regular basis. <u>Homework will not be accepted late for any reason</u>. Homework is normally collected at the beginning of the class period. In other words, students 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 lowest homework score will be dropped to account for emergencies.

- **<u>Chapter Exams</u>**: four or five chapter exams will be administered throughout the semester. <u>No make-up exam will be given for any reason,</u> 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 <u>chapter</u> exam score may be replaced by the final exam score. The Chapter Exams grades constitute 70% of the overall grade.

  ** **Note carefully**: Exam dates will be announced in advance. If a student has a known **<u>unavoidable business</u>** on the exam date, he/she will be given the chance to take the test <u>early</u> **(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 <u>not</u> allowed to take exams after the scheduled date or time <u>for any reason</u>.

- **<u>The Final exam</u>** 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 exam score may be used to replace the lowest chapter exam score.

The Final will be administered on Monday, May 16 in CCI206 from 9:00am to 10:50am.

The average score <u>within</u> 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: **Student's overall grade =**

        (Classwork average)(0.05) (Homework average)(0.15) + (Exam average)(0.70) + (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 <u>student's responsibility</u> 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 <u>on time</u>;
- Attend regularly; Do not miss class.
- **Do <u>not</u> procrastinate;**
- Turn in well thought-out assignments on time with all the work shown step-by-step;
- Put in the <u>maximum effort</u> daily in every aspect of your work;
- Ask the instructor and students for help;
- **Attend the 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 (in the book) PRIOR TO ATTENDING THE LECTURE.
- *Do <u>not</u> expect a good grade for average, mediocre, or poor work.*

► **Accommodations for students with disabilities:**
- ➢ If you have a <u>verified need</u> 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 <u>as soon as possible</u>.

► **Important Dates: SPRING 2011**

January 10 (M)	Spring 2011 instruction begins
February 11 (T)	Last day to change a spring class to/from a Pass/No-Pass grading basis
January 17 (M)	**Martin Luther King, Jr. Day observed (no classes held, campus closed)**
January 21 (F)	Last day to drop a full-term class for a refund for Spring 2011
January 28 (F)	Last day to register for a full-term class for Spring 2011
January 28 (F)	Last day to drop a fall full-term class to avoid a "W" for Spring 2011
February 18 (F)	**Lincoln Day (no classes held, campus closed)**
February 21 (M)	**Washington Day observed (no classes held, campus closed)**
March 11 (F)	Last day to drop a full-term class (letter grades assigned after this date)
April 18-22 (M-F)	**Spring Recess (classes reconvene April 25)**
May 16-20 (M-F)	Spring 2011 final exams week
FINAL :	**Monday, May 16 in CCI206 from 9:00am to 10:50am.**
May 20 (F)	End of spring semester/Commencement

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