MATH 129 * Calculus II * Section 019 * Fall 2016

Instructor: Leonid Kunyansky
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Instructor’s webpage: http://math.arizona.edu/~leonk/teaching/2016-17/teach1617.htm
Course webpage: http://math.arizona.edu/~calc
(Of interest here: Final Exam Study Guides, Worksheets)
Office hours: See my webpage

Required Textbook and Materials:
- The online computer homework system is WebAssign. A new textbook purchased in the UA Bookstore includes access to WebAssign and the e-book. WebAssign and the e-book may also be purchased directly at http://webassign.net. WebAssign Class key is announced by the instructor in class.
- A graphing calculator is recommended for this course, for example, the TI-83 or TI-84 models. Calculators that perform symbolic manipulations, such as the TI-89, NSpire CAS, or HP50g, cannot be used on exams

Attendance: Students are expected to attend every scheduled class; it is the student’s responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes. I intend to drop from the class students who will have missed three or more classes without an officially documented explanation. UA policies:
http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop
http://policy.arizona.edu/human-resources/religious-accommodation-policy
https://deanofstudents.arizona.edu/absences

Homework/ Quizzes (100 points): Homework will be assigned regularly, typically each class session, and will be due the next session. Usually, no late homework will be accepted. Homework will have to be submitted through WebAssign (We will not use D2L!)
Hand-written homework and/or quizzes showing all work with proper notation will also be collected periodically (once or twice a week).

In-Class Exams (300 points): The three in-class exams are tentatively scheduled for Sep 13, Oct 25, and Dec 1. These exams will be worth 80, 110, and 110 points, respectively. Calculators will not be allowed during the in-class tests. There will be no make-up tests for failed tests. No make-up tests for missed tests, except for certain well-documented situations.

Final Exam
The final exam is a common department exam worth 200 points. It is scheduled for Monday, Dec 12, 8:00 – 10:00 am. The final is graded by the department. Additional information and a study guide can be found at the Course webpage at http://math.arizona.edu/~calc. Exam rules:
https://www.registrar.arizona.edu/courses/final-examination-regulations-and-information
Grading: The total number of points received for the homeworks will be scaled to yield maximum 100 points. About 80 points will come from WebAssign, the remaining 20 points will come from quizzes and hand-written homework. The total maximum number of points available for all tests, homeworks and quizzes is 600. The final grade will be calculated using the following table:

<table>
<thead>
<tr>
<th>Points</th>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>540 to 600</td>
<td>90% to 100%</td>
<td>A</td>
</tr>
<tr>
<td>480 to 539</td>
<td>80% to 90%</td>
<td>B</td>
</tr>
<tr>
<td>420 to 479</td>
<td>70% to 80%</td>
<td>C</td>
</tr>
<tr>
<td>360 to 419</td>
<td>60% to 70%</td>
<td>D</td>
</tr>
<tr>
<td>0 to 359</td>
<td>0% to 55%</td>
<td>E(fail)</td>
</tr>
</tbody>
</table>

If your grade for the final exam (graded by the department) differs from the grade indicated by the table, you will get the higher of the two grades.

Note: A grade of C or better in Math 129 is a necessary prerequisite for Math 215 (Linear Algebra), Math 223 (Vector Calculus) and Math 254 (Differential Equations). Students who receive a D in Math 129 will receive credit for the course towards graduation requirements or the general education math requirement, but will not be qualified to register for Math 215, 223, 254.

Students with disabilities:
If you anticipate issues related to the format or requirements of this course, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; http://drc.arizona.edu). You must notify me of your eligibility by Tuesday, September 6. We will discuss how to coordinate your accommodations.

Incomplete
A grade of “I” (Incomplete) will be given only at the instructor’s discretion, according to University Policy as described at http://catalog.arizona.edu/policy/grades-and-grading-system#incomplete

Withdrawal and Grade Replacement Option
A student may withdraw from the course with a deletion from record through September 4 using UAccess. A student may withdraw with a grade of "W" through October 30 using UAccess. The last day to submit a petition to your college dean for a late withdrawal is November 18.

Instructions for WebAssign: To create an account for our class go to http://webassign.net, click on the I Have a Class Key button. Your class key will be given by the instructor in class. You must do this even if you have used WebAssign in the past or are using it for another course this semester. There is a 14-day grace period (from the first day of classes) before you must purchase/submit your access code for our class.

University statement on Academic Integrity and Student Code of Conduct
Students must adhere to the University policies regarding the Code of Academic Integrity, see
http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity
Students at The University of Arizona are expected to conform to the Student Code of Conduct: http://deanofstudents.arizona.edu/accountability/students/student-accountability

The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to oneself. See http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students

The University is committed to creating and maintaining an environment free of discrimination; see http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy

Course Objectives: Math 129 covers the fundamentals of the integral calculus. Upon completion of the course, the student will: be able to use techniques of analytical and numerical integration; be able to apply the definite integral to problems arising in geometry and physics; be able to work with the concept of infinite series and be able to calculate and use Taylor series; be able to analyze differential equations from a numerical, graphical, and algebraic point of view and model physical and biological situations by differential equations.

This syllabus is tentative and may be changed at the instructor’s discretion.