

SYLLABUS

CALCULUS, MATH 251.009, FALL 2016

INSTRUCTOR: Dr. Krzysztof Chris Ciesielski
OFFICE HOURS: T, Th 3:00-3:50pm and by appointment
OFFICE: 308G Armstrong Hall
CLASS MEETING TIMES: T, Th 4:00-5:45pm
CLASS MEETING PLACE: 348 Business & Economics Building
OFFICE PHONE NUMBER: 293-4367
INSTRUCTOR'S PAGE: <http://math.wvu.edu/~kcies/>
CLASS PAGE: <http://math.wvu.edu/~kcies/teach/current/CurrentTeaching.html>
TEXTBOOKS:

Linear Algebra Notes by J. Moseley, <http://math.wvu.edu/~moseley/LinearAlgebra.htm>

Essential Calculus – Early Transcendentals, by Stewart, Brooks/Cole 2007

(Problems from *Linear Algebra for Calculus* (supplemental text), by Heuvers et al)

GRADING: Quizzes (~10-15 points each) 10%
4 tests (100 points each) + final test 90%

ATTENDANCE POLICY: Attendance will be checked daily. Each student is allowed **up to two unexcused absences**. A third absence will result in the loss of one letter grade.

CHEAT SHEET: About one week before each test, I will **provide** you with both a sample test and a paper on which you may **hand write** formulas you may need for the test. This cheat sheet will then be collected along with your test after each test session.

DROPPING TEST SCORES: Four tests will be given throughout the semester before the final. Each of these four tests and the final are graded out of 100 points. At the end of the semester the amount of test points used towards your course grade will be calculated using the formula:

$Test\ #1\ Score + Test\ #2\ Score + Test\ #3\ Score + Test\ #4\ Score + 1.5 * Final\ Test\ Score - the\ lowest\ test\ score\ you\ received$

So, if your final test score is the lowest among all tests, your semester test points score will be the half of this score plus the sum of all other tests; otherwise, your final test score will be $1.5 * Final\ Test\ Score$ plus the sum of the other three best scores.

In addition, your course score will be capped by the number: 20pts+“Final Test Score”.

NO MAKE-UPS! *I do not give any make-ups!*¹ If you miss a test, the test score of 0 will be dropped according the rule described above.

QUIZZES: There will be 5 to 8 15-minutes quizzes. The exercises will be chosen from the homework assignments listed below (as whole exercises, or their parts). There will be **no make-up quizzes** and no formula sheets of any kind will be allowed on quizzes.

GRADING SCALE:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	below 60%

FINAL EXAM: The cumulative final exam will be on Monday, December 12, 8:00-10:00am.

West Virginia University is committed to social justice. I concur with that commitment and expect to maintain a positive learning environment based upon communication, mutual respect, and non-discrimination. Our University does not discriminate on the basis of race, sex, age, disability, veteran status, religion, sexual orientation, color or national origin. Any suggestions as to how to further stimulate such a positive and open environment in this class will be appreciated and given serious consideration.

¹There are some cases in which you have the right to request a make-up test. However, if you choose so, you will lose your “drop-the-worst-score” privilege. In this case, I will count **all the tests** (including make-up test), the remaining regular tests, and the final, add their scores (with the maximum possible sum equal to 550) and the result will be prorated. In any rate, the reasons for make-up test must be well documented, and the make-up test will be given during **last week of classes**.

HOMEWORK ASSIGNMENTS FOR MATH 251.09, FALL 2015:

- From *Linear Algebra Notes*: All exercises
- From *Essential Calculus* text: the exercises listed below:

<u>Section</u>	<u>Page</u>	<u>Problems</u>
10.1	521	1-27 odd
10.2	529	1-21 odd, 27, 29
10.3	535	1-25 odd, 31
10.4	543	1-17 odd, 23-35 odd
10.5	551	1-43 odd
10.6	558	1-27 odd
10.7	568	1-27 odd, 33-51 odd, 57-65 odd
10.8	576	1, 3, 7-27 odd, 35, 37, 41
10.9	586	1-11 odd, 15-21 odd, 29-33 odd
11.1	599	1-35 odd, 41-47 odd, 51
11.2	608	1-15 odd, 19-27 odd
11.3	618	1-33 odd, 37-53 odd, 65, 71
11.4	624	1-5 odd, 11-27 odd, 31
11.5	631	1-25 odd, 29, 33, 39
11.6	642	1-25 odd, 31, 33, 37
11.7	650	1-13 odd, 23-27 odd, 31-45 odd
12.1	672	1-33 odd, 37, 39
12.2	680	1-27 odd, 31-41 odd, 48, 51
12.3	686	1-17 odd, 23-29 odd
12.4	693	1-13 odd
12.5	700	1-19 odd, 25, 31, 37
12.6	706	1-13 odd, 17, 21
12.7	711	1-15 odd, 21, 23
12.8	721	1-15 odd, 19-23 odd
13.1	730	1-17 odd, 21-25 odd, 29, 31
13.2	740	1-19 odd, 27, 33, 35
13.3	749	1-21 odd
13.4	756	1, 3, 7-19 odd