

SYLLABUS

CALCULUS, MATH 251.011, SPRING 2016

INSTRUCTOR: Dr. Krzysztof Chris Ciesielski
OFFICE HOURS: T, Th 3:30-5:15pm and by appointment
OFFICE: 308G Armstrong Hall
CLASS MEETING TIMES: T, Th 5:30-7:15pm
CLASS MEETING PLACE: 207 Armstrong Hall
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:

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

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 $1.5 * \text{Final Test Score}$ plus the sum of the other three best scores.

In addition, your course score will be capped by the number: 20pts+“Final Test Score”, that is, Course Score = $\min\{0.9 * TP + 0.1 * \text{Quizzes}, 20\text{pts} + \text{“Final Test Score”}\}$

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 to the rule described above.

QUIZZES: There will be 5 to 8 15-minute 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 according to WVU standard finals schedule, that is on Wednesday, May 4, 8:00-10:00am.

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 251.11, SPRING 2016:

- 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