Math 2153 - 68989, Calculus II, Fall 2016

Instructor: Ali Pirhadi
Email: pirhadi@okstate.edu
Class Meeting: 11:30 AM - 12:20 PM, LSE (Life Science East) 217
Office Hours:
Mondays: 1:30 PM – 2:20 PM, MLSC (the North tutoring room)
Wednesdays and Fridays: 1:30 PM – 2:20 PM, MSCS (Math building) 413
Online Classroom: https://online.okstate.edu/d2l/home
WebAssign: https://www.webassign.net/login.html

Required Materials:

1. Textbook: Calculus: Early Transcendentals, 3rd edition, by Jon Rogawski and Colin Adams.

2. Online homework system WebAssign.

WebAssign class key: okstate 3665 1889

Important Dates:
Monday, August 22: Deadline for dropping without a W (and full tuition refund).
Friday, August 26: Deadline for dropping with a W (and partial tuition refund). Deadline to parachute down to Calculus I
Friday, November 4: W Drop/Withdraw deadline.
Monday, November 28, to Friday, December 2: Prefinals Week (a.k.a. Dead Week).
Monday, December 5, to Friday, December 9: Finals Week

Expectations:
All students are expected to participate and be involved in class, asking and answering questions. During class, there should be no use of cellphones, laptops, or tablets. You should expect to spend, on average, 6 hours outside of class on Calculus II per week and more if you are struggling. Should you miss class, it is your responsibility to obtain lecture notes from a classmate, including announcements made in class.

Course Policies:
Attendance: While no additional credit is given for attendance, I expect you to attend every lecture. It is very rare for a student to be successful if he or she is frequently absent.

Missing Work:
I will offer reasonable accommodations in the event that you miss a major assessment activity for a valid and documented reason, assuming documentation is provided in advance unless absolutely impossible.
For a quiz or exam, you need to tell me as soon as you know there is a conflict and will be ineligible for a make-up if you do not.

Grades: Our grades policy is described in the table below

WebAssign	10%
Quizzes	20%
Hour Exams (3)	15% each
Final Exam	25%

An overall score of 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D.
I reserve the right to use discretion if you are on the borderline between two grades, considering performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgment of your effort.

Coursework:

WebAssign: All homework will be done online using WebAssign's online homework system. You are encouraged to work together and it is good practice to keep a notebook as you work through WebAssign problems or print out the assignments. This will help when it comes time to study for exams.

Quizzes: There will be 5 in-class quizzes. Quiz dates are announced on the schedule attached to this Syllabus.

Exams: There will be three Hour Exams which will take place in class, and a **comprehensive** Final Exam. The dates are as follows:

Exam 1: Friday, September 16
Exam 2: Friday, October 7
Exam 3: Friday, November 18
Final Exam: Wednesday, December 7 from 10:00 AM to 11:50 AM

Calculators:
I will allow calculators without QWERTY keyboards, Internet connections, and symbolic manipulation capabilities for exams. (That is, I will not allow calculators that can do indefinite integrals for you.) Calculators will not be allowed for quizzes unless otherwise specified. A calculator can be a valuable tool, but not a substitute for your own conceptual understanding.

The Mathematics Learning Success Center (MLSC):
The MLSC is on the 5th floor of the Edmon Low Library and is a great resource. The MLSC has tutors who work with students from Calculus II and can help answer your questions. Hours for MLSC are:
- Monday through Thursday from 9:00 AM until 9:00 PM
- Friday from 9:00 AM until 5:00 PM
- Sunday from 1:00 PM until 5:00 PM

Tutoring for Calculus II will be in the North tutoring room beginning at noon on the days that they are open.
For more information, visit math.okstate.edu/mlsc , or call 405-744-5818 or 405-744-5688.

Academic Integrity:
Don't cheat. Do not copy off of other students, allow other students to copy your work, or present work you find in printed or electronic sources as your own. I take academic dishonesty very seriously and will deal with it as such. Carefully read the OSU policy at academicintegrity.okstate.edu. If you have further questions, please contact the Office of Academic Affairs, 101 Whitehurst, (405) 744-5627.

Special Accommodations:
If you think you have a qualified disability and need special accommodations, you should notify me as soon as possible and request verification of eligibility for accommodations from the Office of Student Disability Services. For more information, visit sds.okstate.edu, or call 405-744-7116.

Any changes to this Syllabus will be communicated to you in class and via e-mail.

2016 August

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
01	02	03	04	05
08	09	10	11	12
15 Introduction **§5.7-5.8** Review of u-substitution	16	17 **§5.7-5.8** Review of u-substitution **§7.1** Integration by Parts	18	19 **§7.1** Integration by Parts
22 **§7.2** Trigonometric Integrals	23	24 **§7.2** Trigonometric Integrals	25	26 **§7.3** Trigonometric Substitution **Quiz 1**
29 **§7.3** Trigonometric Substitution **§7.5** The Method of Patial Fractions	30	31 **§7.5** The Method of Patial Fractions	01	02
05	06	Notes: **Monday, August 22** 100% Refund, Nonrestrictive Drop/Add Deadline **Friday, August 26** Partial Refund, Restrictive Drop/Add Deadline		

2016 September

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
29	30	31	01	02 **§7.5** The Method of Patial Fractions
05 University holiday	06	07 **§7.6** Strategies for Integration	08	09 **§7.7** Improper Integrals **Quiz 2**
12 **§7.7** Improper Integrals	13	14 Review for Exam 1	15	16 **Exam 1** **§7.1-7.7**
19 **§7.9** Numerical Integration	20	21 **§7.9** Numerical Integration	22	23 **§8.4** Taylor Polynomials
26 **§8.4** Taylor Polynomials	27	28 **§10.1** Sequences	29	30 **§10.2** Summing an Infinite Series **Quiz 3**
03	04	Notes: **Friday, September 9** Last day to "parachute" down		

2016 October

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
03 **§10.2** Summing an Infinite Series	04	05 Review for Exam 2	06	07 **Exam 2** **§7.9-10.2**
10 **§10.3** Convergence of Series with Positive Terms	11	12 **§10.3** Convergence of Series with Positive Terms	13	14 Fall Break
17 **§10.4** Absolute and Conditional Convergence	18	19 **§10.4** Absolute and Conditional Convergence	20	21 **§10.5** The Ratio and Root Tests **Quiz 4**
24 **§10.6** Power Series	25	26 **§10.6** Power Series	27	28 **§10.7** Taylor Series
31 **§10.7** Taylor Series	01	Notes:		

2016 November

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
31	01	02 **§10.7** Taylor Series	03	04 **§11.1** Parametric Equations **Quiz 5**
07 **§11.1** Parametric Equations	08	09 **§11.2** Arc Length and Speed	10	11 **§11.2** Arc Length and Speed
14 **§11.3** Polar Coordinates	15	16 Review for Exam 3	17	18 **Exam 3** **§10.4-11.2**
21 **§11.3** Polar Coordinates	22	23 Thanksgiving break	24 Thanksgiving break	25 Thanksgiving break
28 **§11.4** Area and Arc Length in Polar Coordinates	29	30 **§11.4** Area and Arc Length in Polar Coordinates	01	02 Review for Final Exam
05	06	Notes: **Friday, November 4** W Drop/Withdraw Deadline **Friday, November 18** W/F Withdraw Deadline		

CALCULATOR CHECKOUT
FALL 2016

WHEN:

AUGUST 15 - DECEMBER 9, 2016
MONDAY - FRIDAY
8:00AM - 5:00PM

WHERE:

MATHEMATICS DEPARTMENT
401 MSCS

MUST BE ENROLLED IN ONE OF THE FOLLOWING COURSES:

MATH • STAT • NOC-MATH • NOC-STAT

PLEASE BRING YOUR STUDENT ID.