

Fall 2015

MATH 2124

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Math 2124 - 003 Calculus 2

Required Textbook: "Calculus 10th Edition" by Larson and Edwards. Note that you need EWA access as well and that the price of this is included when you buy the book at the UNO Bookstore. The ISBN of the version in the bookstore is 978-1-305-00335-4

Moodle: You can access Moodle at: <https://uno.mrooms3.net/login/index.php>

EWA: Your class key is uno 48831632. UNO's institution code is uno.

Prerequisites: Math 2114 or Math 2111 or Math 2108 with a grade of C or better.

This course requires an additional recitation hour, which for section 3 will be on Thursdays.

Day, time, and place of class meetings: MTWThF 1:00 PM to 1:50 PM in Math 118

Instructor: Ken Holladay office: Mathematics Building 251 phone: 504-280-6124

Email: khollada@uno.edu Office Hours: MTWThF 11- 12:30, 3 - 3:30, TTh 2 -3

Tentative due dates for assignments, projects, tests, final exam:

Group Final Examination: Monday, December 7, 10:00 AM to 1:00 PM. Room to be announced.

Here we list rough outlines for which sections will be covered, the dates of quizzes and exams, and due dates for homework. In general, the EWA assignments are due on Friday, unless it is a Midterm day or a holiday. The homework due dates will be on the homework assignment sheet.

Week	Start date	Sections	Notes
1	08/19/15	Calculus 1 Review	
2	08/24/15	7.1, 7.2, 7.3	
3	08/31/15	7.3, 7.4, 8.1	9/7 - No class, Labor Day
4	09/08/15	8.2	
5	09/14/15	8.3, 8.4	9/14 - Test 1
6	09/21/15	8.5, 8.7, 8.8	
7	09/28/15	8.8, 9.1, 9.2	
8	10/05/15	9.3, 9.4	10/5 - Test 2
9	10/12/15	9.5, 9.6	10/14 - Drop Day 10/15, 16 - No Class, Fall Break
10	10/19/15	9.7, 9.8, 9.10	
11	10/26/15	10.2, 10.3	
12	11/02/15	10.4, 10.5	
13	11/09/15	11.1, 11.2	11/9 - Test 3
14	11/16/15	11.3, 11.4	
15	11/23/15	11.4, 11.5	10/26, 27 - No Class, Thanksgiving
16	11/30/15	11.5, Review	

Grading standards: Quizzes: 16% , EWA/Written Homework: 17%, Tests: 33%, Group Final: 34%.

Student learning outcomes: Evaluate derivatives and integrals of trigonometric functions, understand and apply integration techniques and L'Hôpital's Rule. Determine convergence of sequences and series. Calculate and apply Taylor series. Convert to and from polar coordinates. Use dot and cross products

Attendance policy: Attendance is expected every day, including recitation days.

Statement on student conduct: The Student Code of Conduct is available online at <http://www.uno.edu/studentaffairs/> by searching for "Student Code of Conduct". You should read and understand it. The university has the legal right and moral obligation to establish reasonable rules for academic and personal conduct and to deny admission to applicants or continued enrollment to students who do not meet or maintain these standards. The university does, in addition, reserve the right to review any action taken by civil or student accountability authorities regarding UNO students or student organizations. Special conditions such as counseling and/or sanctions may be imposed on students or student organizations that are found in violation of these standards. In general, in class you should be respectful of other students and of the teacher, and behave in an appropriate manner. That is, remain quiet unless there is a class discussion, raise your hand if you have a question, and not talk at the same time other people are talking. Students may not make any audio or video recordings of lectures without the express written permission of the instructor.

Standard statement on academic integrity: Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at <http://www.uno.edu/studentaffairs/>.

Standard statement on accommodations for students with disabilities: It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to <http://www.ods.uno.edu/>

Description of what the class will be like, including how the class will be taught and why:

On non-recitation days, the class will be taught in a lecture format, with questions from students being encouraged. College students are expected to be mature enough to profit from the teaching style, and to be aware of the responsibilities they have to be successful under this format. It is important to attend recitation days as well as usual lecture days. The first recitation section can be used to answer questions and provide students with help using their calculators. Students should buy calculators on the first day (see special procedures below for a list of criteria for calculators) so that they can ask questions on the recitation day. Quizzes will be given at the ends of most recitations. Before tests and the final, the recitation section will have review including test example problems.

Description of instructor expectations of students:

(i) Students are expected to read the textbook. Before the quiz on a subject, you should have read that subject thoroughly in the textbook. Some material will be in the textbook and not covered by class lectures, so you must make every effort to stay up to date with your readings.

(ii) You are expected to attend class lectures and recitation days. Some material will be covered in class lectures and which does not appear in the textbook, so you must make every effort to attend class, listen to lectures, take appropriate notes, and ask questions when you do not understand something.

(iii) Provided you are up to date with readings from the textbook, you are expected to ask questions, either in class or in office hours, when you do not understand something. If it seems like a long question, consider waiting until the recitation day and/or office hours. If the instructor believes it is too disruptive fully to answer your question, you might be referred to office hours. The instructor will occasionally ask questions of the students in class, in order to assess their comprehension of topics and to engage the class in a conversation.

(iv) You should do all assigned homework exercises. You should try to do them as early as you reasonably think you can. Your success in the class will depend upon your ability to do homework problems, since quiz, midterm, and final problems are based on those.

(v) You are expected to arrive in class on time and to stay until class ends.

(vi) You will be writing frequently in this class. You are expected to communicate using complete English sentences and to follow appropriate rules of grammar.

(vii) You are expected to purchase the textbook for the class.

(viii) You are expected to have a calculator. See the next section for rules,

Description of special procedures for this class: You will need a calculator for this class. It should have the ability to: Graph a function, Solve simple equations, Numerically find derivatives Numerically find integrals. It should not: Have cell phone and/or internet and/or bluetooth capabilities, Have video and/or audio recording capabilities, Make too much noise. If it can “talk” to other calculators, the function needs only to be able to work if the calculators are directly next to each other and/or if they are plugged into each other. A specific list of potential calculators you might consider can be found at

<https://apstudent.collegeboard.org/apcourse/ap-calculus-bc/calculator-policy>

if you only look at the ones with an asterisk by them (as others do not have all capabilities.) In particular, standard online retailers seem currently to have: Casio FX-9750GII for under \$40, HP 39GS for under \$55, TI-84 for under \$90, Sharp EL-9900 for under \$100, with some obsolete older or used models being much cheaper (under \$20) if you look around. Note that (unless otherwise stated for a specific problem) all work for problems should look like it were “done by hand” and you will not receive any points for a “naked” answer with no supporting work. The ideal use of a calculator in this setting is to get a quick overview of the problem and/or verify if the work you did was correct. You still need supporting work.

Advice on how to read/approach materials, how to study for tests/exams: The best and most important advice is TO FOCUS ON UNDERSTANDING CONCEPTS AND UNDERSTANDING WHAT YOU ARE DOING. Don’t just try to memorize the “problem of the day” in the textbook Instead, try to make sure you understand what you are doing and what things mean. Read the textbook and class notes, do all homework, look at all previous quizzes/tests.

Statement on incomplete or late coursework, extra credit, etc.:

Extra credit will not be given under any circumstances. You should make every effort not to miss a quiz and/or test. If you must miss a quiz or test, make arrangements in advance for a make up. Otherwise missed quizzes are a 0. Missed tests can be made up with an excused absence. Please be able to document your excused absence. If you will miss a midterm and/or final and have an excused absence, please communicate this to your instructor as soon as possible. It is vital that the instructor has as much notice as possible in this case. Please make every effort not to miss midterms and/or finals. If this occurs, the instructor will try to schedule a makeup midterm and/or final. Missed finals are particularly time-sensitive, since final grades for the course are due soon after finals and if you delay the grade deadline will already have passed. Be sure to come with your doctor’s note and/or letter from employer, or other documented excuse.

Information on student support services : Math Tutor Center is in Mathematics Building 105.

Important Dates*

Last day to adjust schedule w/out fee.....	08/18/2015
Semester Classes Begin.....	08/19/2015
Last day to adjust schedule w/fee, or withdraw with 100% refund.....	08/25/2015
Last day to apply for December commencement.....	09/25/2015
Final day to drop a course or resign.....	10/14/2015
Mid-semester examinations.....	10/05-10/09/2015
Final examinations.....	12/07-12/11/2015
Commencement.....	12/18/2015

**Note: check Registrar’s website for Saturday and A/B sessions, and for items not listed here: <http://www.registrar.uno.edu>*

Fall Semester Holidays

Labor Day 09/07/2015
Mid-semester break..... 10/15-10/16/2015
Thanksgiving..... 11/26-11/27/2015

Withdrawal Policy – Undergraduate only

Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important dates calendar. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates on the Registrar's website, <http://www.registrar.uno.edu>. Please consult The Bulletin for charges associated with dropping and adding courses.

Incomplete Policy – Undergraduate only

The grade of I means *incomplete* and is given for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. For all graduate and undergraduate students, a grade of I becomes a grade of F if it is not converted before the deadline for adding courses for credit (as printed in the Important Dates Calendar) of the next regular semester including summer semester.

Repeat Policy

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

Academic Dishonesty Policy

<http://www.uno.edu/student-affairs-enrollment-management/documents/academic-dishonesty-policy-rev2014.pdf>

Safety Awareness Facts and Education

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: <http://www.uno.edu/student-affairs-enrollment-management/>

UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. Counseling Services assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. Find out more at <http://www.uno.edu/counseling-services/>. First-year students often have unique concerns, and UNO Cares is designed to address those students succeed. Contact UNO Cares through <http://www.uno.edu/fye/uno-cares.aspx>.

Emergency Procedures

Sign up for emergency notifications via text and/or email at E2Campus Notification: <http://www.uno.edu/ehso/emergency-communications/index.aspx>. All emergency and safety procedures are explained at the Emergency Health and Safety Office: <http://www.uno.edu/ehso/>.

Diversity at UNO

As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The Office of Diversity Affairs promotes these values through a wide range of programming and activities. <http://diversity.uno.edu/index.cfm>

Learning and Support Services

Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the Learning Resource Center in LA 334, or learn more at <http://www.uno.edu/lrc/>.

Affirmative Action and Equal Opportunity

UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its Policies and Resources website: <http://www.uno.edu/human-resource-management/policies.asp>