

LECTURE: TTh 5:00 – 6:20 p.m. in PHYS 104

INSTRUCTOR: William Cherry

OFFICE: GAB 405

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WEB PAGE: <http://wcherry.math.unt.edu/math2730>

OFFICE HOURS: Mondays 12:30–1:30;

Tuesdays & Thursdays 1–3;

Wednesdays 9:30–10:30, 12:30–1:30, and 4–5.

Students unable to attend the above scheduled office hours or needing extra help are welcome to make an appointment with me at other times, including evenings and weekends.

PREREQUISITE(S): Math 1720.

TEXTS: Birggs, Cochran, and Gillett, *Calculus*, Second Edition, Pearson 2015.

GRADES: There will be five components to your final grade, weighted as follows:

Homework: 20%

Quizzes: 10%

Midterm Exams: 48% (16% each)

Final Exam: 22%

IMPORTANT DATES:

MIDTERM EXAMS: Thurs., Sept. 28, Thurs., Oct. 26, and Tues., Nov. 21

FINAL EXAM: Tuesday, December 12, 5–6:20.

Students must plan to attend the midterm and final exams. Makeup exams will be given only in extremely exceptional circumstances, such as serious illness, and must be arranged in advance. Thanksgiving travel plans are not a valid reason to miss a midterm exam.

ACADEMIC DISHONESTY: Cheating on exams is a serious breach of academic standards and will be punished severely. UNT's full policy on academic integrity can be found at:

<http://vpaa.unt.edu/academic-integrity.htm>.

Student Perceptions of Teaching (SPOT)

The SPOT evaluation is a requirement for all organized classes at UNT. This survey will be made available to you at toward end of the semester, providing you a chance to comment on how this class is taught. Please be sure to complete this important survey for all of your classes.

Note: It is the responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office

Where to Get Help

Instructors' Office Hours: Your professor is here to help you learn. You are encouraged to take full advantage of his office hours. No appointment is necessary to see your instructor during his regularly scheduled office hours. If you cannot make the regularly scheduled office hours, ask for an appointment for another time.

Math Lab: The Math Lab located in GAB 440 offers free tutoring. The Math Lab is open from 7:00 a.m. until 8:00 p.m. Mondays–Thursdays, from 7–4 on Fridays, and from 12–5 p.m. on Saturdays. The Math Lab is NOT open during the first week of class nor during finals week.

Note: Try not to get addicted to math lab help. It is important that you learn to do problems on your own, or you will not do well on tests. Never ask for help in the math lab unless you have thought about a problem for at least 20 minutes on your own first.

Private Tutors: If you decide to hire a private tutor, remember you cannot bring your tutor to exams with you. If you do not start your homework until you meet with your tutor, you will start to rely on your tutor like a crutch and will not do well on exams. To work effectively with a tutor, you need to continually try to do as much as possible by yourself BEFORE you meet your tutor, and only use your tutor for those things you could not do by yourself.

Tentative Course Outline (subject to change)

The following is intended to provide a rough outline of what will be covered when in class. Depending on how quickly students master certain concepts, more or less time may be devoted to particular topics than indicated here.

Tuesday	Thursday
8/29: Parametric Equations & Conics Ch. 11	8/31: Polar Coordinates Ch. 11
9/5: Vectors Ch. 12	9/7: Vector Valued Functions Ch. 12
9/12: Vector Valued Functions Ch. 12	9/14: Geometry Ch. 12
9/19: Multivariable Functions Ch. 13	9/21: Multivariable Functions Ch. 13
9/26: Multivariable Functions Ch. 13	9/28: TEST 1 Ch. 13
10/3: Multivariable Functions Ch. 13	10/5: Multivariable Functions Ch. 13
10/10: Multivariable Functions	10/12: Multiple Integration Ch. 14
10/17: Multiple Integration Ch. 14	10/19: Multiple Integration Ch. 14
10/24: Multiple Integration Ch. 14	10/26: TEST 2 Ch. 14
10/31: Multiple Integration Ch. 14	11/2: Multiple Integration Ch. 14
11/7: Multiple Integration Ch. 14	11/9: Multiple Integration Ch. 15
11/14: Vector Calculus Ch. 15	11/16: Vector Calculus Ch. 15
11/21: TEST 3 Ch. 15	11/23: Thanksgiving No Class
11/28: Vector Calculus Ch. 15	11/30: Vector Calculus Ch. 15
12/5: Vector Calculus Ch. 15	12/7: Review
12/12: FINAL 5:00–6:20	

Homework will be due about once per week. Homework must be turned in at the **beginning of class** (or as you walk in the door) on the day it is due, or it will be considered late. Late homework is generally not accepted.

We will have **quizzes** about once every two weeks. Quizzes will be announced in advance.