

SYLLABUS: CALCULUS III MATH 2110 SPRING 2018

1. COURSE DETAILS

Instructor: Associate Professor Dr. David J. Gryniewicz
Office: Dunn Hall 376
Office Hours: TR 11:15 – 12:15 and by appointment
Webpage: www.diambri.org
University of Memphis Email: djgrynkw@...

Class Location: Dunn Hall 225, TR 14:40 – 16:40
Final Exam: Tuesday 5/1/2018 13:00 – 15:00 (in class)

2. TEXTBOOK

Pearson's MyMathLab is required and will be used for Homework Assignments and (possibly) some tests. See the separate instruction sheet for creating your MyMathLab account. You will need an access code, which is either included in the textbook bought from the bookstore or obtained as an electronic-only version purchased directly from Pearson after creating your MyMathLab account. A used textbook will not include a valid access code.

Textbook: Calculus, 2/e by Briggs, Cochran, Gillett, and Schulz. ISBN-13: 9780321954350
Course Name: Calculus III (2018 Spring)
Course ID: grynkiewicz07115

3. COURSE DESCRIPTION

This is an introductory course in Multivariate Calculus. We will be covering Chapters 12–15 in the text. Topics include vector valued functions, curves, multivariate functions, tangent planes, partial differentiation, double and triple integrals, min/max problems, vector fields, and more. The idea is to extend the ideas of single variable calculus to higher dimensional objects.

4. COURSE ASSESSMENT

We will have 3 Midterm Tests following each completed chapter (apart from the last chapter covered before the final). The final exam will be cumulative. All tests, including the Final Exam, will be challenging, but are open book, open notes, with calculators allowed. They may be difficult, but they will be curved by adding weights to everyone's score. I will announce the weights for each test in class so you can calculate your modified score. You can also simply query me about your current grade. Grading for the course will be based upon Homework Average, Midterm Tests Average, and a Final Exam according to the following formula:

Homework Average (lowest 2 scores dropped)	12.5%
Midterm Tests Average*	37.5%
Final Exam	50%

*When computing the Midterm Tests Average, the lowest Midterm Test score will be replaced by your Homework Average, assuming this improves your score. For most students, this means your HW average will amount to 25% of your grade.

Advice and Information.

- Register for MyMathLab as soon as possible. I expect everyone to be registered by **01/26/2018**.
- If you are waiting for funds to purchase the MyMathLab Access code, there is the option when registering with Pearson to use a temporary 2 week access code. You will still need to buy the access code afterwards.
- Homework will be posted on a roughly weekly basis.
- All assignments are considered due ONE HOUR BEFORE the actual time listed in Pearson. Servers have a tendency to crash during the final hour.
- Regularly check your mymathlab account to see if a new assignment has been posted. I will generally announce this in class as well.
- IMPORTANT: If an assignment is due at 3:00am, you need to have it done before going to bed the day BEFORE the date listed in MyMathLab.
- Begin homework and studying for a test well in advance. Waiting to the last moment leads to a lower grade in general.
- Use the FREE university TUTORING CENTER, located on the third floor of Dunn Hall (DH 341). It is open during normal university hours. You can take sample problems and have them worked out for you. You can ask questions about the material from course and have it explained to you. You can take old homework assignments and tests and have them explain how to handle the problems you got wrong.
- If you experience trouble with MyMathLab, try multiple browsers or a different computer.
- For technical issues with mymathlab, it is best to call Pearson directly (toll-free) and seek Technical support: 1-844-292-7015
- If this does not solve the issue, take a screen shot (or photograph) of the problem and provide it with as much information as possible when emailing me. Without detailed information, little can be done.
- Do not pay any attention to your grade as listed on the Pearson Site. Grade modifications, such as incomplete assignments becoming 0s, lowest homework scores being dropped, etc., are not noted there
- The tests will not be multiple choice.
- You will have access to an extensive online Study Guide. This may be accessed from your MyMathLab account through the Chapter Contents tab.
- You can review completed homework assignments and tests. Write down problems that you got wrong and bring them to the tutoring center.
- It is also possible to send me an email about a homework question directly via the Pearson program. If you don't understand why a problem was wrong or what you should do instead, please let me know. I'm here to help you learn the material.