Math 210 - Fundamentals of Analysis - Spring 2008

Instructor - Bill Higgins
Office – 329N Science
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Office hours - 3:00 to 4:00 p.m. M, W, F and 1:00 - 2:00 Tu, Th.

I teach or will be generally unavailable from 9:10 to 2:50 MWF.

Please do not hesitate to come to me for help outside of class during my office hours. Feel free to drop by at other times too, but it is safest to call or make an appointment to make sure that I’m there. You may contact me by e-mail at whiggins@wittenberg.edu

We will cover topics in Chapters 1-4 as time permits.

Course Objectives –

1) Develop an understanding of topics from introductory Real Analysis (Advanced Calculus) and the Topology of the Reals.
2) Prepare students to take Math 370, Real Analysis.
3) Develop student’s ability to read and write mathematical proofs.
4) Provide an opportunity to experience the beauty of mathematics through a careful study of the theory and ideas encountered in the study of the calculus.

Grading

Homework will be assigned regularly, collected and graded. This is a writing intensive course. If you do not do the homework, it is unlikely you will be able to do well on the tests and quizzes and you will not be awarded writing intensive credit for the course. It is your responsibility to do the homework and make sure you understand it. Get help when you need it. Regular attendance in class is expected.

You will have three tests during the semester and a final exam. Your tests will count for 50% of your final grade; your homework, quizzes, labs (if any), will count for 20% of your final grade; and your final exam will count for 30% of your final grade. Classroom participation will be considered part of your homework grade. [ Note: If your final exam score improves your grade, the final will count for 50% of your grade. ]

The final exam will be held on Friday, May 2 from noon to 3 p.m.

Getting help

If you ever feel that you are struggling with the material or just want to talk about how things are going in the course, do not hesitate to contact me. You can come see me in my office or ask questions by e-mail or phone. I’ll do my best to help you understand the ideas in the course. Help may also be available in the Math Workshop. Work hard on your own, but keep in mind that you can take advantage of the help that I and Wittenberg can provide to you.
Wittenberg Honor Code:

I support and fully endorse the Wittenberg Honor Code. Academic dishonesty of any kind on tests, quizzes, homework or other graded projects will not be tolerated. All of the work that you submit on quizzes, tests and homework must be your own work done without any outside source (books, notes, etc.) unless it is explicitly permitted.

You will be allowed to use your graphing calculator on all quizzes and tests. You are also allowed to store notes in the memory of your calculator and refer to them during quizzes and tests. However, I would strongly caution that over reliance on such notes usually does not lead to a successful learning experience in this course.

You will be required to sign an Honor Code pledge on each quiz and test. On tests, the following full statement will be printed for your signature:

I affirm that my work upholds the highest standards of honesty and academic integrity at Wittenberg and that I have neither given nor received unauthorized assistance.

On homework that you turn in, you must write and sign the pledge above or this shorter form that is understood to be completely equivalent to the longer form:

I affirm that this is my work and that I have followed the Honor Code.

Any assignment that does not have the appropriate pledge and/or student signature on it will not be considered to have been turned in and will not be graded.

Suspected instances of academic dishonesty will be reported to the Honor Council. There may be other University sanctions. See your Student Handbook for further information and policies regarding the Honor Code and academic dishonesty.

For students with learning disabilities:

Wittenberg University is committed to providing reasonable accommodations for eligible students with disabilities. If you are eligible for course accommodation due to a documented disability, please provide me with your self-identification letter and contact me so that we may discuss your learning needs. You may contact Lisa Rhine, Assistant Provost for Academic Services at 937-327-7924 in room 208 Recitation Hall to coordinate accommodations and receive your self-identification letter. Early identification at the start of the term is highly preferable to ensure timely provision of services.

Martin Luther King Day: We will not have class on Jan. 21, however we may decide to have an optional question and answer session that day. I encourage you to attend the Martin Luther King Jr. Commemorative Convocation at 11 a.m. in Weaver Chapel where Lani Guinier will be the keynote speaker and she will give a talk on “The Dream Revisited: Race, Class, and the Power of Merit”. Lani Guinier, Bennett Boskey Professor of Law at Harvard Law School, is one of the foremost American civil rights scholars in the United States. Dr. Guinier is the first black woman to be appointed to a tenured professorship at Harvard Law. For more information, see http://www4.wittenberg.edu/academics/mlk/speaker.html