SYLLABUS
Math 1715 – Section 007 Mathematical Functions
Engineering South, Room 201B MWF 11:30 a.m. - 12:20 p.m.

Instructor: **David Mermin**
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Office: Mathematical Sciences 516
Office hours: Monday - Friday 9:30-11:15; Thursday 1:00 – 3:30 or By appointment

Office Hours: The purpose of office hours is to provide a time dedicated to helping you. You are welcome to just come by then – you don't need to make an appointment for those times.

Purpose: The Purpose of this course is to prepare you to be successful in the calculus sequence of classes. That means that you must be extremely fluent in basic Algebra and Trigonometry.

Text and Calculator Needs: *Precalculus. Mathematics for Calculus, 5th Edition* by Stewart, Redlin, and Watson. It is required that you have this book, along with an access code for Web Assign. If you do not use your access code within the first two weeks of the class, you will be locked out of webassign.

Expectations: You are expected to attend class prepared to learn. This includes more than simply attending class and bringing your book and calculator. I expect you to come to class having read the text, having reviewed the material covered in the previous class, and having questions related to the material or the homework. This preparation for class is essential so you can learn from the class and not just passively watch.

Attendance: You are expected to attend as many lectures as possible. You will be given an attendance score as follows. Each student will begin the semester with 30 attendance points. Each time you are absent you will lose 3 of those points. Your final attendance score (if positive) will be given as extra credit at the end of the semester. You must be present and awake for the entire class period to receive credit for attending.

Grading: You have the possibility of earning 800 points in the course: 100 points for each of the four midterm exams, 150 points for the final exam, 100 points for quizzes and 150 points for the homework. The following grades are guaranteed as minima: 90% A, 80% B, 70% C, 60% D.

Tests: There will be four midterm exams, each worth 100 points and a comprehensive final exam worth 150 points. The dates for the exams are:

1st **Midterm Exam: Wednesday, September 22th, during class**
2nd **Midterm Exam: Wednesday, October 13th, during class**
3rd **Midterm Exam: Wednesday, November 3rd, during class**
4th **Midterm Exam: Friday, December 3rd, during class**
Final Exam: Wednesday, December 15th, from 10:00-11:50 a.m., in our regular classroom

Homework and WebAssign: Homework is extremely important part of this course and it provides the practice necessary to learn the material. We will use WebAssign, a web-based homework system, for most homework assignments. You will need the following ClassKey to access this course
Okstate 2394 7411
Homework is assigned thrice a week (Monday, Wednesday, and Friday). You will find the assignment on WebAssign on the day of each lecture. The problems cover the material presented in the lecture, and must be completed by the due date.

The procedure for doing problems in WebAssign should be as follows. Students will log on to WebAssign and print out the full assignment, then log off. Each student should have a 'homework notebook.' Work the problems carefully and completely, showing your work, in the homework notebook. When you have finished all the homework problems, log on to WebAssign to enter your solutions. WebAssign will tell you which answers are correct, and should give you an opportunity to correct them.

Some helpful WebAssign resources can be found at http://www.math.okstate.edu/webassign

Quizzes: Once or twice per week, class will begin with a short quiz. This quiz will cover the material presented in the lecture sometime in the previous week. While these quizzes are closed book, you may make use of your 'homework notebook' during them. There will be no make-up quizzes, however, only your top 20 quiz scores will be counted when calculating your quiz grade.

Make-up Exams: Make-up exams will only be given in exceptional, serious, and unavoidable circumstances; moreover you must seek approval in advance to the extent it is possible to do so.

MLRC: The Mathematics Learning Resources Center is on the 4th floor of the Classroom Building. It provides free tutoring and a computer lab. MLRC hours are:

Monday: Noon – 10 p.m.
Tuesday: Noon – 10 p.m.
Wednesday: Noon – 6 p.m.
Thursday: Noon – 10 p.m.
Friday: Noon – 5 p.m.

Calculators: A scientific calculator (with both trigonometric and logarithmic keys) is required for this class. They can be purchased for about $10 from the student stores. Graphing calculators are permitted but not required. The Mathematics Department has a limited number of graphics calculators available for loan on a first-come-first-served basis in Math Sciences room 401. Hours for checking out the calculators are 1 pm -5 pm from August 24th to 26th and 8 am – noon and 1-5 pm from August 27th onward. These calculators are due back in Math Sciences room 401 by December 20th at noon, and after this time hefty fees are levied.
Calculators will only be allowed on some quizzes and tests. Calculators capable of symbolic algebra (such as the TI-89) will not be permitted on any quizzes or tests.

Special Accommodations: If you think you have a qualified disability and need special accommodations for this class, please let me know and request verification of eligibility from the Office of Student Disability Services (315 Student Union, 744-7116).

OSU Drop Policy: The last date to drop the course with no grade and no fees is August 30th. The last date to drop the course with an automatic "W" and a 50% refund is September 3rd. The last date to drop the course with an automatic "W" is November 12th.

Syllabus Attachment: The following URL takes you to the Spring 2010 syllabus attachment which has detailed answers to many questions most often asked by students. I urge you to view and read it.
http://osu.okstate.edu/acadaffr/aa/PDF%20Files/sylatspr.pdf

Academic and Personal Integrity: In all matters of academic and personal integrity, such as homework, tests, and quizzes, you are expected to ensure that work with your name on it is truly your own work. This includes homework done working with other students; your paper should ultimately be your own work. Cheating, of course, is not tolerated.