Syllabus for Maths 263: Calculus III, Fall 2015
Sections: 3, 4 and 10

Instructor: Dr. Martial Longla
Office: Hume Hall 308
Office hours: M, W, F: 2:00 - 2:45, T, TH: 11:00-12:00, or by appointment
Email: mlongla@olemiss.edu
Telephone: (662) 915-7436

Course Information
Register for online assignments on Mymathlab using your section information;
Section 3:
Your Course Name: Math 263 Section 3
Your Course ID: longla70193

Section 4:
Your Course Name: Math 263 Section 4
Your Course ID: longla37592

Section 10:
Your Course Name: Math 263 Section 10
Your Course ID: longla01548

Time/Place: Per class announcement

Course Description
This course is the third of a sequence of four courses. The student is expected to know topics from the first two parts of the sequence and carefully study to keep the knowledge for the next sequence if necessary. We will cover Chapters 8, 9, 10 and 11. The course topics include sequences, series, power series and their applications, conic sections, polar coordinates and their applications, vectors, 2 and 3 dimensional geometry, vector-valued functions and applications.

LEARNING OBJECTIVES:
After completing this course, students should be able to:
• Understand the concepts and rules of the above topics;
• Use different techniques to determine the convergence of series;
• Find the arc length function and use it to parameterize curves;
• Find the area of a surface defined in parametric equations;
• Find the equations of lines and planes in space;
• Find tangent and normal vectors to surfaces and curves;
• Develop problem solving skills applying concepts from these topics
• Enhance critical thinking and analytical reasoning abilities.

TESTING INFORMATION:
• Class attendance – Attendance is mandatory. A total of 4 absences is equivalent to automatic failure. The student is expected to sign in the using automatic attendance system that requires personal id. It is the responsibility of the student to bring his id every class day.
• Weekly homework assignments totally worth 100pts. Homework problems will be assigned online after the last class meeting of the week.
• Quizzes will be assigned every class day and due before the next class meeting. The quizzes will count for 50pts.
• There will be 3 midterm exams counting for 100pts each and a final exam counting for 200pts. No make-up tests will be given. Each of the tests will have two parts (online and in class).

Grade letters and scores
A: 580-650 (includes A and A-), B: 520-579 (Includes B-, B and B+), C:460-519 (includes C-, C and C+), D: 400-459, F: 000-399. I reserve the right to make the grading scale easier.

Calculator Policy
An inexpensive scientific calculator is sufficient in Math 263 but is not necessary. Calculators will NOT be allowed during exams or quizzes. While I cannot stop you from using a calculator at home, I encourage you to do the homework without a calculator. Calculators, cell phones, ipods, and other electronic equipment are prohibited during exams.

Additional Policies
1. Any person who must miss a scheduled mid-term exam or quiz because of an official university function must reschedule with the instructor to take the test at a time before the test is scheduled to be given. No other rescheduling will be allowed. If asked for by the instructor, official documentation must be provided.
2. A student who wishes to discuss the grading policy and/or testing policy,
or wishes to have a conversation regarding the instructor of the course
should make an appointment with the course supervisor in the Department of
Mathematics.
3. An _I_ grade will not be given without the permission of the Department
of Mathematics.
4. Any student having three or more final exams scheduled for the same day
may arrange with the instructor to take the exam at another time. This is the
only reason that a final exam may be rescheduled.
5. Every student must take each exam at the time scheduled. The only
exceptions are those students affected by (1) or (4) above.

**Course Withdrawal**
The withdrawal deadline is October 5th, 2015. After the Course Withdrawal
Deadline, courses dropped will be recorded on University records and the W
grade will be recorded if the student is not failing the course at the time of
withdrawal; otherwise the grade recorded will be F. After the course
withdrawal deadline, a student may drop a course only in cases of extreme
and unavoidable emergency as determined by the academic dean; dropping a
course after the deadline will not be permitted because of dissatisfaction
over an expected grade or because the student is changing his/her major.

**Academic Needs**
It is the responsibility of any student with a disability who requests a
reasonable accommodation to contact the Office of Student Disability
Services (915-7128). That office through the student will then make contact
with the instructor of this class. The instructor will then work with the
student so that a reasonable accommodation of any disability can be made.

**Academic Honesty**
Cheating: The following statement is the policy of the Department of
Mathematics regarding cheating:
Offenses: Cheating on any exam or quiz, theft or attempted theft of exam
questions, possession of exam questions prior to the time for examination, or
the use of an illegal calculator on tests or quizzes shall all be offenses
subject to appropriate penalties.
Penalties: The penalty for commission of any offense set out above is failure
in the course and, subject to the approval of the Chancellor, dismissal or
suspension from the University.