Hon 555
Fall 2017

Instructor:
Gerard Buskes, Hume Hall 105, 915-7425, email: mmbuskes@olemiss.edu.

Time and Location:
TTh 8:00 - 9:15, Hume 106.

Office Hours:
MWF 10:00-10:50 AM

Coursework Materials:
Spivak’s Calculus book.

Goals
Much of the course is connecting the skills that you have learned in an introduction to mathematics course like Math 305 towards a solid foundation under your calculus knowledge. This process starts with Math 555 and will continue in Math 556. Important for this class is not only that you understand all the material but also that you become independent in writing calculus proofs. The three main goals of the class: understand the inner workings of calculus, be able to write proofs in calculus, and start to become an independent thinker so that you can apply this new knowledge to calculus applications and more complicated calculations as well.

Grading:
The writing assignments will count towards the grade as follows

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<td>Midterm I</td>
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<td>Midterm 2</td>
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<td>Final Exam</td>
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<td>Homework</td>
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90-100 A
80-89 B
70-79 C
60-69 D
<60 F

Important Dates:
September 28, First Midterm (tentative)
Deadline for course withdrawals: October 2.
November 16, Second Midterm (tentative)
Final Exam: December 5 at 8:00AM.
Attendance Policy

*Students are entitled to two absences in TTh classes. Any additional absences will lower the grade.*

Attendance roll will be taken at each class. Late arrivals will count as absent after the roll has been read.

Tentative schedule:
- Preliminaries: 1 week.
- Chapters 5, 6, and 7: 3 to 4 weeks.
- Chapters 8, 9, 10 and 11: 4 weeks.
- Chapters 12, 13, and 14: 4 weeks.