Math 2702 Section 1 Spring 2016

Room/Time: DH 109, TR 11:20 - 12:45

Text: None.

Instructor: Dr. J. Campbell, DH 213, jcampbll@memphis.edu

Office Hours: TR 2:15 - 3:15, or by appt.

Course Structure: Interactive lecture (meaning class participation by students is expected), **written homework** assignments, a **mid-term exam**, and a **Final Exam**.

Grading: Homework Average 60%, Mid-term and Final Exams 20% each.

Scale: A: 90 - 100 % **B:** 78 - 89. **C:** 66 - 77. **D:** 55 - 65. $\pm$ grading will be used, top 2 points in range get $+$, bottom two points in range get $-$.

Topics: Taken from this list: Basic logic, sets and set operations, methods of proof, induction, relations and functions, equivalence relations, recursive definitions and algorithms, binomial theorem, basic counting, pigeonhole principle, elementary number theory.

Theme: The topics in this course are varied but the theme is singular: understanding and gaining facility with correct mathematical reasoning. You will use the knowledge and techniques gained in this class as long as you are involved with science.

Holidays: Spring Break, the week of March 7 (that's a Monday).

Final Exam: R May 5, 8 am to 10 am