

Math 407-500: Complex Variables , Fall 2001

Professor Emil J. Straube

MWF 9:10 - 10:00, BLOC 163

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Office hours: MWF 10:15 - 11:15, and by appointment

Text: J. W. Brown & R. V. Churchill, *Complex Variables and Applications*, 6th edition

Prerequisite: Math-221 or equivalent

Course Content: The course gives an introduction to the analysis and the geometry of functions of a complex variable.

Grading Policy: There will be three exams during the semester, each worth 100 points. In addition, there will be a *comprehensive* final exam, also worth 100 points.

Course Syllabus: A syllabus, by week and sections of the text, is as follows:

1 : 1 - 4	6 : 26 -28, 30	11 : 47 - 50
2 : 5 - 9	7 : 31 - 34	12 : 51, 53 - 55
3 : 10 - 15	8 : 36,38 - 40	13 : exam3, 56, 57
4 : 16 - 20	9 : exam2, 21, 41, 42	14 : 58, 59, 68, 69
5 : exam1, 22 - 24	10 : 43 - 46	15 : 70