

## Syllabus of MAP4307-0002 Application of Complex Variables, Spring 2005

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**Instructor:** Dr. M. Yvonne Ou.

**Office:** MAP 123

**Tel.** 823-0322

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**Office Hour:** Mon.& Wed. 3:00-5:00pm; Fri. 1:30-2:00pm.

**Class Location and Time:** MAP 108, MWF 11:30-12:20pm.

**Textbook:** *Applied Complex Variables* by J.W. Dettman

**Course Description/Credit Hours:** This three-credit course is an introduction to analytic function theory of one complex variable and its applications. It will cover chapters 1 to 5 and chapters 6, 8 and 9 of the textbook.

**Prerequisites:** Calculus.

**Methods of Evaluation:** The term grade is based on three in-class midterm exams (20% each) and one accumulative final exam (40%).

**Grading System:**  $A(> 92\%)$ ,  $A^-(> 90\%)$ ,  $B^+(\geq 86.5\%)$ ,  $B(\geq 83\%)$ ,  $B^-(\geq 79.5\%)$ ,  $C^+(\geq 76\%)$ ,  $C(\geq 72.5\%)$ ,  $C^-(\geq 69\%)$ ,  $D^+(\geq 65.5\%)$ ,  $D(\geq 62\%)$ ,  $D^-(\geq 60\%)$ ,  $F(< 60\%)$ .

**Exam Dates:** Midterm exam dates TBA. Final exam: 04/27(Wed.) 10:00am-12:50pm.

**Makeup Exam Policy:** No makeup exam will be given unless on official UCF travel. All students representing UCF during a scheduled exam should arrange to take the exam prior to the scheduled date.

**Last Day of Class:** April 25(Mon.).

**Withdrawal Deadline:** March 04(Fri.).

**Holidays:** Jan. 17(Mon.) and Mar.14(Mon.), 16(Wed.) and 18(Fri.).