



SYLLABUS – MAA 4402/5404

This syllabus is subject to change.
Last change was made 6:09pm, Friday, January 1, 2016
Previous change was made ...

PROVISIONAL VERSION

Section	Period	Meeting Time	Room
2838/1083	MWF 6th	12:50 – 1:40pm	LIT 203

Frank Garvan

408 Little Hall

(352) 294-2305

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Office Hours

Monday 8th period (3:00 – 3:50pm), Wednesday 5th period (11:45 – 12:35pm), and Thursday 8th period (3:00 – 3:50pm). Also by appointment.

Prerequisites

MAC 2313 or MAC 3474, and MAP 2302, both with minimum grades of C.

Textbook

R.V. Churchill and J.W. Brown, *Complex Variables and Applications*, 9th Edition, McGraw-Hill.

Course Description

Complex numbers, analytic functions, Cauchy-Riemann equations, harmonic functions, elementary functions, integration, Cauchy-Goursat theorem, Cauchy integral formula, infinite series, residues and poles, conformal mapping. Credit will be given for, at most, MAA 4402 or MAA 5404.

MAA 5404 Additional Topic: Elliptic Functions (Reading and homework assignment)

Website:

people.clas.ufl.edu/fgarvan/teaching/complex

Assessment

Assessment will be based on the following

Homework	25%
3 Exams	75%

There are two midterm exams and final exam which as two parts.

The final will count twice as much as each midterm, and I will drop either one of the midterms or one half of the final, whichever is lower.

Homework

Students are encouraged to form study groups. You may discuss homework with your class mates and Dr. Garvan. However it is not ok to copy anyone else's work. The work you turn in must be your own. The lowest homework score will be dropped.

Exams (Written medical documentation is required for makeup exams.)

Midterm Exam 1: Friday, February 5

Midterm Exam 2: Friday, March 18

Final Exam Part 1: Monday, April 18

Final Exam Part 2: Wednesday, April 20

Grade:

Grading scale: A 90%; A- 87%; B+ 83%; B 80%; etc.

The final will count twice as much as each midterm, and I will drop either one of the midterms or one half of the final, whichever is lower.

Grades for MAA 4402 and MAA 5404 will be computed separately.

University of Florida Policies

Grades: Grading will be in accord with the UF policy stated at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Honor Code: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Class Attendance: Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Accommodations for Students with Disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://www.dso.ufl.edu/drc/>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Online Evaluations: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at

<https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Contact information for the Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Created by F.G. Garvan(fgarvan@ufl.edu) On Friday, January 1, 2016.

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