



This syllabus is subject to change.

Created Monday, December 4, 2017 at 3:50pm.

Updated 10:49am, Thursday, January 4, 2018.

| Section | Period | Meeting Time | Room |
|-----------|---------|----------------|---------|
| 16A0/16AG | MWF 3rd | 9:35 – 10:25am | LIT 125 |

408 Little Hall

(352) 294-2305

fgarvan@ufl.edu

Monday, Wednesday and Thursday (2:30 – 3:30pm). Also available by appointment.

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

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

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)

people.clas.ufl.edu/fgarvan/complex-spring-2018

Assessment will be based on the following

| | |
|----------------|-----|
| Homework | 20% |
| Midterm Exam 1 | 20% |
| Midterm Exam 2 | 20% |
| Final Exam | 40% |

There are two midterm exams and a final (cumulative) exam.

Lowest homework score will be dropped.

Midterm Exam 1: Friday February 9

Midterm Exam 2: Wednesday March 21

Final Exam: 12:30 – 2:30pm, Thursday May 3

Grading scale: A 90%; A- 87%; B+ 83%; B 80%; B- 77%; C+ 73%; C 70%; C- 67%; D+ 63%; D 60%; D- 57%; E 56%

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

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 Monday, December 4, 2017.

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