



# SYLLABUS MAA4402/5404 FALL 2019

This syllabus is subject to change. Created Monday, August 19, 2019.

UNDER CONSTRUCTION – PROVISIONAL VERSION

Section	Period	Meeting Time	Room
09A6/03G8	MWF 3rd	9:35 – 10:25am	MAT 13

## Frank Garvan

408 Little Hall  
(352) 294-2305  
fgarvan@ufl.edu

## Office Hours

Monday, Wednesday and Thursday (11:00am – 12:00pm). Also available 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/complex-spring-2019](http://people.clas.ufl.edu/fgarvan/complex-spring-2019)

## Assessment

Quizzes	25%
Exam 1	25%
Exam 2	25%
Exam 3	25%

## Homework

Homework will be assigned. All Quiz questions and some Exam questions will be based on Homework problems.

## Exams

Exam 1: Friday September 20

Exam 2: Wednesday October 23

Exam 3: Monday November 25

Optional Replacement Exam: Monday December 9, 3:00 PM – 4:00 PM

## Grade:

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.

## Attendance

Attendance will be taken at each class meeting.

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### Additional Information:

*Grades.* Grading will be in accord with the UF policy stated at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>. Also see the current UF policy on assigning grade points.

*Academic Honesty.* The course will be conducted in accordance with the University honor code and academic honesty policy

*UF students are bound by The Honor Code 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*

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 questions or concerns please consult with the instructor.

**Accommodation 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/>."

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#### **Additional Information- Health and Wellness:**

U Matter, We Care:

If you or a friend is in distress, please contact [ummatter@ufl.edu](mailto:ummatter@ufl.edu) or 352-392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center:

<https://www.counseling.ufl.edu>; 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS):

Student Health Care Center, 392-1161.

University Police Department:

392-1111 or 9-1-1 for emergencies, <http://www.police.ufl.edu/>

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#### **Additional Information- Academic Resources:**

E-learning technical support

352-392-4357 (option 2)

[Learningsupport@ufl.edu](mailto:Learningsupport@ufl.edu)

Career Connections Center:

Reitz Union, 392-1601.

Career assistance and counseling, <https://career.ufl.edu>

Library Support:

<http://cms.uflib.ufl.edu/ask>

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Created by F.G. Garvan([fgarvan@ufl.edu](mailto:fgarvan@ufl.edu)) On Monday, August 19, 2019.



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