



MWF PERIOD 3, LITTLE 203, Section 03G8 of MAA 5404 and Section 09A6 of MAA 4402

Louis Block

will be added here.

Monday, Wednesday, and Friday period 5 and first half of period 6.

Complex Variables and Applications (9th edition) by Brown and Churchill, published by McGraw Hill.

The goal of the course is to gain an understanding of the basic theory of the calculus of functions of a single complex variable. This theory is important in many applications in science and engineering. Topics include: complex numbers, analytic functions, contour integrals, Cauchy integral formula, complex power series and Laurent series, residues and poles, Cauchy Residue Theorem, and applications to the evaluation of real integrals. We plan to cover the first six chapters of the book, and some of Chapter 7 and 8 as time permits.

Notes will be added here.

[Complex-Variables-Notes](#)

The assignments will be added here, as the course progresses. These assignments will not be turned in for a grade. Students are expected to do the assignments as part of the preparation for the exams. Problems taken from the assignments will be included on each exam.

Page 4-5, # 1, 2, 4, 11 (all parts of each)

Page 7-8, # 1 (all parts)

Page 13 – 14, # 1, 4, 5 (all parts of each).

Grades will be based on four exams given in class during the semester, and a cumulative final exam. Each of the four exams during the semester will be worth 35 points. The final exam will be worth 60 points. So there are 200 possible points. The final exam will be given during the regular final exam period for this section, which is Wednesday, December 13, 3:00PM – 5:00PM. Grades will be assigned according to the following:

A: 180-200 A-: 175-179 B+: 170-174 B: 160-169 B-: 155-159
C+: 150-154 C: 140-149 C-: 135-139 D+: 130-134 D: 120-129

Exam dates will be added here for Exams 1, 2, 3, and 4.

Final Exam: Wednesday, December 13, 3:00PM – 5:00PM.

Closed-book policy: No use of calculators, or books will be allowed during any in-class exams.

Policy related to make-up exams: Written medical documentation is required for makeup exams.

Policy on class attendance: Daily attendance is required as consistent with university policies that can be found in the online catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

University's honesty policy: 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 (<http://www.dso.ufl.edu/scor/process/student-conduct-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.

For students with disabilities: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Students' evaluations of the course: Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online 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>.

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 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.

