Instructor: Dr. Scott Gordon, 324 Boyd.

Phone: 678-839-4134

E-mail: sgordon@westga.edu

Time and Location: MW 2:00–3:15, 302 Boyd.

Office Hours:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>M</td>
<td>10:00–12:00, 3:15–4:00</td>
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<tr>
<td>T</td>
<td>10:30–12:30, 1:30–2:00</td>
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<tr>
<td>W</td>
<td>10:00–12:00, 3:15–4:00</td>
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<tr>
<td>F</td>
<td>10:30–12:00 (11–12 in 205 Boyd)</td>
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If you would like to see me but cannot come during one of these times, please call first or make an appointment.

Textbook: *Complex Variables and Applications (8th ed)* by James W. Brown and Ruel V. Churchill. We will cover parts of Chapters 1–6.

Course Description: Algebraic properties of complex numbers, Euler’s formula, analytic functions of a complex variable, Cauchy-Riemann equations, elementary complex functions, contour integrals, Laurent series, theory of residues.

Homework Exercises: Problems assigned after each lesson will be divided into two categories: exercises and turn-in problems. Exercises will not be graded and are designed to help you understand the important concepts and prepare for the tests.

Turn-in problems: There will be approximately 200 points worth of turn-in problems assigned during the semester. Your work should illustrate the correct process to solving the problems in addition to the answer. Collaboration is permitted but copying answers from someone else or another source is not. If a problem is turned in late, 20% of its point value will be deducted from your grade for each day past the due date.

Tests: There will be four 1-hour tests worth 80 points each. Test dates: 2/2, 2/23, 3/23, 4/18.

Missing a Test: If you know you are going to miss a test, you must make arrangements with me in advance in order to reschedule. If you miss a test due to an emergency or illness, you must notify me as soon as possible and be able to make up the test within two days.

Final: There will be a cumulative final exam worth 160 points on 5/4, 2:00–4:00.

Grading: Your numerical grade will be your total points (on tests, turn-in problems, and the final) as a percentage of the total number of possible points. Your letter grade will be determined according the following grading scale: A: 88–100, B: 76–87, C: 64–75, D: 52–63, F: 0–51.

Withdrawal: March 2 is the last day to withdraw from the course with a grade of W.

Honor Code Violations: Any student who violates the University of West Georgia Honor Code (as stated in the Student Handbook) will receive an F for the course. The incident will also be reported to the Vice President’s Office and become part of the students's record at UWG.