Tuesday/Thursday 2:00-3:15 (Monteith 414) $\hfill$ Last Revised: January 9, 2020

This syllabus contains the policies and expectations that the instructor has established for this course. Please read the entire syllabus carefully before continuing in this course. These policies and expectations are intended to create a productive learning atmosphere for all students. Unless you are prepared to abide by these policies and expectations, you risk losing the opportunity to participate further in the course.

Instructor: Prof. Matthew Badger (`matthew.badger@uconn.edu`)
Office: Monteith 326
Office Hours: Drop-in Monday, Tuesday, or Thursday
$\qquad$ ***Not available*** *during Geometry Seminar (Mondays)*

Required Resources
- **HuskyCT:** `huskyct.uconn.edu` — for class announcements, homework problems, grade sheet
- **Textbook:** Donald Marshall, **Complex Analysis**, 2019, Cambridge University Press.

Topics to be Covered Most of the material in Chapters 1–10. Complex numbers, analytic functions, the maximum principle, integration and approximation, Cauchy's theorem, elementary maps, harmonic functions, conformal maps, calculus of residues, and normal families. Additional topics as time permits.

About Attendance
$\qquad$ Students are expected to regularly attend and participate in lectures. Your effort will help make the class better for everyone.

Graded Components
- **Homework**
  Your standing assignment for the course is to complete all 'A' and 'B' problems in Chapters 1–10. On each Tuesday (except for the first week), you are required to turn in completed solutions to two 'B' problems from the assigned chapter for the week. Collected weekly assignments will be fully graded and returned to you. You may work on homework problems with other students in the course, but must write up your homework assignments individually. Resist the temptation to look up solutions to problems. Working through them will help prepare you for the preliminary exam in Complex Analysis in August.
- **Midterm**
  There will be one in-class midterm. Date and topics to be announced.
- **Final Exam**
  There will be one comprehensive final exam during finals week as scheduled by the Registrar. Date to be announced.

The *final grade* for the class will be based on your course average (see below) and your progress in the course. Your *course average* will be determined by the following calculation:
- 40% Homework, 20% Midterm, 40% Final Exam

Disability Support Services
$\qquad$ If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Center for Students with Disability: `https://csd.uconn.edu/`. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Academic Integrity
$\qquad$ Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instance of academic dishonesty to Community Standards. For more comprehensive information on academic integrity, please refer to the Undergraduate Academic Integrity Policy: `https://community.uconn.edu/the-student-code-appendix-a/`

Diversity
$\qquad$ It is my intent that students from all diverse backgrounds and perspectives be wellserved by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit.