

**MATH 3110: COMPLEX VARIABLES  
SPRING 2017**

Lecture and Section:    Math 3110-01    Room: SC1310    Time: TR 11:00am-12:30pm

**Instructor:** Marcel Bischoff

**Office:** SC 1418

**Office Phone:** (615) 343-6139

**Office Hours:** T1:30-2:30pm, R9-11am

**e-mail:** marcel.bischoff@vanderbilt.edu

**Course Webpage:**

<http://math.vanderbilt.edu/bischoff/spring2017-math3110>

**Textbook:** *Fundamentals of Complex Analysis with Applications to Engineering, Science, and Mathematics (3rd Edition)* by Edward B. Saff & Arthur David Snider. ISBN-13: 978-0139078743

**Homework:** Homework assignments will be given in class and will be due by the beginning of class on Thursday. Students may collaborate on the homework assignments but everyone must turn in their own work. The lowest score will be dropped. I will allow late homework without penalty but only if it is turned in during office hours no more than one week after it is due. If you turn in late homework you will also have to present to me on the blackboard a problem of my choosing.

**Quizzes:** There will be a quiz approximately once a week, however, there will be no quiz during test week. The quizzes will not be announced in advance.

**Tests:** There are two in-class exams (50 minutes) and a comprehensive final exam (2 hours):

Exam 1:    Thursday, February 23

Exam 2:    Tuesday, April 4

Final:     Wednesday, May 3, 9-11am

Note: No Alternate Final Examination!

**Test Corrections:** You will have the opportunity to hand in corrections on any problem you miss points for partial credit. These test corrections are due the Wednesday after the exam. You can earn up to a third of your points back. The actual percentage of points you can earn from the test corrections might be adapted for each test individual. You must do the corrections on your own and you are not allowed to discuss or collaborate on the test corrections, however, if you need help you can ask the instructor in office hours.

**Grading:** Grades will be computed as follows:

Homework	10%
Quizzes	10%
Exam 1	25%
Exam 2	25%
Final	30%

Letter grades will be based on a general 10-point scale, where 90-100 guarantees a grade in the A range, 80-89 B range, 70-79 C range, 60-69 D range, with plus or minus grades assigned as appropriate.

**Homework guidelines:** Homework will be assigned mostly from the textbook. The assignment will be announced during class and on the course webpage. Only some problems will be graded in details, the rest will be checked for completion. The homework you turn in should look neat and professional. The following guidelines must be followed. If they are not then your homework will be returned ungraded and will be treated as late homework under the guidelines stated above.

- It must be either typed, or printed in pencil or blue/black ink and it must be stapled.
- The problems must be answered linearly in the order they are presented.
- Leave a bit of space between problems and on the margins for any possible comments by the grader.
- The problems must be written on your homework directly before your solutions.
- Your solution must be presented in a clear, understandable format, explaining all steps in logical order.

You can use  $\text{T}_{\text{E}}\text{X}$  or  $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$  for your solutions if you prefer (I can help you with the basics in writing in  $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$ ). You may and are encouraged to discuss the homework assignments with your classmates, however, the solutions have to be written in your own words.

**Complaint Procedure:** If at any time during the semester the student wishes to discuss class procedure, schedule, grades, or any class situation, contact the instructor during regularly scheduled office hours or via email. Both office hours and email address are given above. Any complaint that cannot be resolved directly with the instructor should be referred to the Director of Teaching (John Rafter in SC 1326A).

**Honor Code:** All work submitted for credit must be the students own and is subject to the provisions of the Vanderbilt Honor Code.

**Attendance and Make-Up Policy:** Students are expected to attend every class. It is the students own responsibility to obtain any course materials given in his or her absence. The attendance and make-up policy will follow the guidelines set forth by the College of Arts and Sciences.

**Accommodations:** For information on specific accommodations for students with physical or learning disabilities, see the Equal Opportunity, Affirmative Action, and Disability Services webpage: <http://www.vanderbilt.edu/ead>. A student who needs accommodations due to a disability, special arrangements in case the building must be evacuated, or has emergency medical information that needs to be shared with the instructor, should contact the instructor as soon as possible.