

Course Plan

MATH 4283—Complex Variables—Fall 2018

MWF 11:30–12:20 in MSCS 514

Instructor Dr. A. Noell; office: MSCS 404, ph: 744-5772; email: noell@math.okstate.edu

Office hours MSCS 404: Monday & Wednesday 10:30–11:20 am, Tuesday 1:30–2:20 pm;
MLSC: Thursday 1:30–2:20 pm

Online Classroom (D2L Brightspace) site <https://online.okstate.edu/d2l/home>
(log in and find this course)

Prerequisite Grade of C or better in MATH 2163 (Calculus III)

Text *Fundamentals of Complex Analysis* (3rd edition) by E. B. Saff and A. D. Snider

Format Homework will be assigned regularly and may be collected more than once per week. It is extremely important that you keep up with the class discussion by reading the text and doing the homework as soon as it is assigned. Other work may be required, such as quizzes and written assignments. Those earning graduate credit for the course will complete an additional assignment.

Exams There will be three fifty-minute exams, tentatively scheduled for September 19, October 15, and November 16. A comprehensive final exam will be administered from 10:00 to 11:50 on Monday morning, December 10. A student shall be offered reasonable accommodation in the event that he or she misses an exam for a valid and documented reason. Clear such conflicts with the instructor in advance of the exam.

Calculators The Department of Mathematics has graphing calculators available for check out to students who are enrolled in mathematics courses. During quizzes and exams you will not be permitted to use any device with a QWERTY keyboard, symbolic manipulation capabilities, or the ability to establish a connection to a cellular or wireless network.

Grading For the course grade, the combined score in the category of homework, quizzes, and written assignments will count 30%, each of the three fifty-minute exam scores will count 15%, and the final exam will count 25%. The following scores are guaranteed: 90%—A; 80%—B; 70%—C; 60%—D.

University drop policy The last day to drop the course with no grade is Monday, August 27. A grade of “W” will be recorded if the course is dropped after August 27 and before the end of Friday, November 9. The last day to drop the course is Friday, November 9.

Syllabus attachment A syllabus attachment from OSU Academic Affairs is available at https://academicaffairs.okstate.edu/sites/default/files/Fall%202018%20Syllabus%20Attachment_0.pdf

Academic integrity Here is a brief statement of the OSU policy: “OSU is committed to maintaining the highest standards of integrity and ethical conduct. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior

that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and altering academic records) will result in an official academic sanction. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the University. You have the right to appeal the charge.” Note that informal discussion of homework assignments with other students can be helpful, but you must write up your solutions in your own words and based on your own work. Here are examples of violations of academic integrity: joining with others in writing solutions on the board and then copying them on your paper; examining another student’s written work before submitting an assignment; using solutions obtained from the Internet.

Etiquette As a courtesy to others in the classroom, please turn off and stow all electronic devices before class begins.

First assignment

Due Wednesday, 8/29:

p. 4 # 24

p. 12 # 7(c),(d), 8

p. 22 # 5(d), 11

p. 31 # 4, 10

Suggested (not to be turned in):

p. 4 # 7, 11, 14

p. 12 # 5, 7(h),(i), 13

p. 22 # 5(a),(b),(c), 12(a),(b)

p. 31 # 1, 3