

Syllabus for Math 324, Section 01
Fall 2019

Teacher

Dr. Robert Kreczner

Office Telephone

(715) 346-3754

E-mail

rkreczne@uwsp.edu

Office Location

D 351, Science Building.

Office Hours

Monday, Wednesday, Thursdays, Friday, 12:00 p.m. –12:50 p.m., and Tuesday, 2:00 p.m. – 2:50 p.m., or by appointment, if the above time is not convenient.

Text Book

Complex Variables and Applications, Ninth Edition, by James Ward Brown and Ruel V. Churchill

A reading of the textbook is required and necessary part for acquiring basic information and knowledge about the course subject. The reading will also provide you with another perspective on the studied material, different from the one presented in my lectures. Without reading the textbook, it is difficult to gain a full understanding, mastering, and appreciation of the course subject.

Calculators, Computers, iPhones, Smartphones

For most of the course, if not for the whole, you may not need any calculator or computer. For some computations, however, a calculator might be very helpful. It is solely up to you to decide whether or not to purchase one. In case you decide to buy a calculator, I would recommend TI 83, 84, 85, or 86. You are responsible for yourself for learning how to use your calculator. You may use a graphic calculator during the exams; **however, TI –Nspire, any calculator with symbolic algebra capabilities, laptops, computers, iPhones, smartphones, or any computing devices with wireless connection capability are not permitted during the exams. You are not allowed to use any phones/smartphones during class time.**

Prerequisites

Math 222 and 300

Course Description

Complex numbers, functions of a complex variable, power series, elementary functions, conformal and bilinear transformations, integral theorems, Taylor and Laurent expansions, the theory of residues, and applications.

Homework

About every week, there will be given a homework assignment for practicing the covered material. You do not have to turn in these assignments, but it is expected that you will be able to solve similar problems or even the same problems on the midterm exams in class.

Exams

- Midterm I, Tuesday, Sep. 24
- Midterm II, Tuesday, Oct. 22
- Midterm III, Tuesday, Nov. 19
- The Final Exam, Thursday, Dec. 19, 5:00 p.m.-7 p.m.

The final exam is **comprehensive** with the emphasis on the material covered at the end of the course.

Attendance

You ought to attend every class. There is no makeup for missing classes or exams, except university's schedule conflicts, or extreme personal emergencies. You should get my approval beforehand in case you plan to miss a class or test, and it is your responsibility to make prompt arrangements with me for finding out what you have missed and for making up any assigned work. I will check the attendance in every class. For each missing class you will have deducted one percentage point, but not more than 5 percent. In addition, you may miss two classes for personal emergencies without incurring any penalties. Regarding the university's attendance policy, you should check 2013-14 UWSP Catalog, page 25. In case of extreme personal emergencies, you should contact me immediately, and if possible, I will try to find a positive way to handle your absence. Examples of extreme emergencies: being sick or hospitalized, death in immediate family, court or military duties, etc.; some documentation will be required. Examples of not extreme emergencies: oversleeping, broken car, going on vacations, having scheduled a flight, etc.

Grading:

A	93-100%	C	73-76%
A-	90-92%	C-	70-72%
B+	87-89%	D+	61-69%
B	83-86%	D	60-65%
B-	80-82%	F	< 60%
C+	77-79%		

Description	Points
Midterms	3 X 23% = 69%
Final Exam	26%
Attendance	5%
Total	100%

An Example of how your final grade will be Determined:

Let's assume that your grades are as follows: the first midterm 80%, second 70%, third 85%, the final exam 80%, and you missed 3 classes, which is 1 above the allowance, so your number of percentage points for the attendance is $5 - 1 = 4$.

Then, your final cumulative percentage will be computed as follows: $80 \times 0.23 + 70 \times 0.23 + 85 \times 0.23 + 80 \times 0.26 + 4 = 78.85 \%$, and this corresponds to letter grade C+.

I also reserve the rights to exercise discretion in raising student's final grade in some special circumstances. Examples for raising the grade, the student was very active during the whole semester by asking and answering questions, got a very high score on the final test, made some interesting discovery that pertained to the course, read mathematical books or articles, achieved the final score higher than most of the students, etc.

Attention

If you need any help or experience any problems with regard to this course, please feel free to make an appointment to see me. You are always welcome to see me and talk to me.

Rights and Responsibilities: You should be fully aware of your rights and responsibilities as a UWSP student, and the pertaining information you can access at

<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

Disabilities: Information regarding Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at the UWSP Disability and Assistive Technology Center site

<http://www4.uwsp.edu/special/disability/>

**HAVE A GREAT SEMESTER AND ABOVE ALL,
ENJOY LEARNING THE NEW MATERIAL IN THIS
COURSE!**

