

INSTRUCTOR CONTACT INFORMATION	Lecture Location: MTH 115 Lecture Times: MTWRF 10:00 – 10:50 Instructor: Dr. Karl Frinkle Office: MTH 112 Office Hours: by appointment only E-mail: kfrinkle@se.edu Website: http://homepages.se.edu/kfrinkle
PREREQUISITES	Math 2215 - Calculus 1
TEXT	<i>Calculus</i> (4th edition), by Robert Smith and Roland Minton, ISBN # 9780073383118
COURSE OVERVIEW	In this course, we will cover such topics as integration techniques, an introduction to differential equations, series, the calculus of parametric and polar equations, and vectors. This course is a fundamental starting point for many areas of mathematics and other sciences, such as chemistry, physics and biology.
COURSE OBJECTIVES	A student completing the first semester of calculus should be able to: <ul style="list-style-type: none">• Demonstrate a knowledge of integration techniques.• Solve elementary differential equations.• Demonstrate both theoretical and computational knowledge of convergence and divergence of infinite series and sequences.• Have the ability to work in polar and parametric coordinate systems..
GENERAL EDUCATION GOALS AND OUTCOMES	As a general education course, this course contributes to the critical thinking and the mathematical or quantitative reasoning components of the general education program at Southeastern. The goal of the critical thinking component is to enhance the ability of students to integrate new information with previously acquired information to solve novel complex problems. To address the critical thinking goal, students will solve problems described verbally, graphically, symbolically, or numerically. The goal of the mathematical or quantitative reasoning component is to develop the ability of students to understand and apply mathematical abstraction. To address the mathematical or quantitative reasoning goal, students will (1) solve problems using the principles of algebra or symbolic logic; (2) apply mathematical reasoning to analyze and interpret quantitative information; and (3) use and interpret mathematical formulas.
PLACE WITHIN MAJOR/MINOR	Calculus 2 is required for both the Mathematics and Mathematics Education majors. It satisfies the “Comprehension of Calculus” outcome within the Mathematics major and the “Problem Solving” and “Calculus” outcomes of the Mathematics Education major. It is the prerequisite course for Foundations of Mathematics (the gateway course for most upper-division mathematics courses) and Linear Algebra.
GRADING POLICY	The work you will do in this course which will add to your final grade can be categorized as follows: <ul style="list-style-type: none">• Homework: Homework will be assigned on a section-by-section basis and will be due on a weekly basis. Each homework section will be given a grade, and the resulting average is worth 20% of the course grade. Homework will be submitted through BlackBoard.

- **Class Participation:** You will be expected to be an interactive part of the face-to-face learning experience. This facet of the course will be worth 20% of your final grade.
- **Cumulative Quizzes:** There will be cumulative quizzes given every two weeks, these will be in place of exams and will be worth 40% of your final grade.
- **Final Exam:** There will be cumulative final exam during the final exam week. The final will be worth 20% of your final grade.

Rounding to the next letter grade is not automatic and will be at the discretion of the instructor. The grading scale is as follows:

Letter Grade	Percentage Range
A	90-100 %
B	80-89 %
C	70-79 %
D	60-69 %
F	0-59 %

MANDATORY
STATEMENTS

Counseling Center: Any student experiencing mental or emotional issues who desires free, confidential, clinical counseling is encouraged to contact the SE Counseling Center at (580) 745-2988 to schedule an appointment during normal working hours Monday-Friday, 8:00AM to 5:00PM. For after-hours mental health emergencies, please call SE Campus Police at (580) 745-2911 or the Mental Health Crisis Hotline at 1-(800) 522-1090.

Disability Accommodations: Any student needing special accommodations due to a disability should contact the Office of Disability Services, GDJ Student Union Room 328 or call (580) 745-3036. It is the responsibility of each student who anticipates or experiences barriers to their academic experience to make an official request for disability related accommodations in a timely manner. If you have questions regarding disability accommodation process or policy please contact Tiffany Tate, ttate@se.edu for more information.

Equity and Non-Discrimination Statement: Southeastern Oklahoma State University, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, sexual orientation, gender identity, or status as a veteran in any of its policies, practices, procedures, or programs. This includes, but is not limited to: admissions, employment, financial aid, and educational services. Inquiries regarding non-discrimination and equity policies may be directed to: Michael Davis, Title IX Coordinator, (580) 745-3090, or mdavis@se.edu

Academic Dishonesty: Academic dishonesty of any kind will not be tolerated. You may fail an assignment, fail the course or be expelled from the University for academic dishonesty. As a student, it is your responsibility to be familiar with and abide by The Student Code of Conduct, which may be viewed in the Student Handbook. Please note that your own original work is expected for all assignments that you submit. Ignorance is not generally accepted as an excuse.

COVID
STATEMENTS

Conversion to Online Format: Southeastern students should be aware that in the event of a University closure due to COVID19, onsite classes will be converted to an online/remote format. Students should plan ahead to ensure they have access to the computer equipment (either PC, MAC, or tablet), webcam, and internet connectivity to continue their classes in an online/remote format. Please read all your official Southeastern student emails as the transition from onsite to

online/remote might require a reorganization in your personal situation. Students will be granted a 72-hour transition and grace period. Online classes will continue as scheduled without disruption. Wear a mask, stay safe, and contact your Instructor as the situation arises. These policies and procedures were updated on July 30, 2020 and are subject to change.

Face Coverings: Per the Southeastern Oklahoma State University guidance on face coverings on campus, in the instructional setting, faculty and students must wear face coverings. At the discretion of the instructor, to accomplish an educational objective as long as safety protocols are met (including ample distance, shielding and other measures), faculty and students may be authorized to temporarily remove face coverings. Students without coverings, or those who do not comply with the rules relating to face coverings, will not be able to participate in on-campus classroom activities. To request an ADA exception to this requirement, students should contact the Disability Services Office. Failure to comply with the face coverings requirement may result in the Instructor directing the student to leave the classroom. Any student asked to leave the classroom may be referred to the Office of Student Conduct. These policies and procedures were updated on July 23, 2020 and are subject to change.

Attendance Policy: We are facing an unprecedented situation in which all of us must be flexible and make prudent decisions in the best interest of our families, our campus, and our community. In light of this, Southeastern is temporarily establishing campus-wide course attendance guidelines as follows: Students who are sick or need to quarantine should not attend classes. Students will not be required to provide formal documentation from a health care provider and will not be penalized for COVID-19 related absences when proper notification to campus health officials is made in accordance with the guidelines stated below.

Faculty will notify students about important course information and delivery changes through Blackboard and campus email.

Students will:

- Provide notification to campus officials (Illness Reporting Form) if they have tested positive for COVID-19 or have to quarantine so we can confirm reported absence with instructors, monitor, and assist the campus community.
- Notify instructors in advance of an absence.
- Connect with that class through Zoom if the class session is being transmitted in a hybrid fashion.
- Keep up with and/or make up missed classwork or assignments.
- Submit assignments digitally through Blackboard or other means as announced by your instructor.
- Work with their instructors to reschedule exams, labs, and other critical academic activities described in the course syllabus.
- Check Blackboard and campus email daily to receive important announcements pertaining to the course.

During this period, all faculty will establish assigned seating to facilitate roll-taking, and, if necessary, contact tracing. Additionally, we ask all members of the University community to be attentive to their health, and safeguard others, by following the CDC's guideline to stay home when you are sick. **You should stay home if you have symptoms.** More information on what to do if you are sick is available at the CDC's website. These policies and procedures were updated on July 24, 2020 and are subject to change.