MAT 266

ARIZONA STATE UNIVERSITY

Calculus II

Spring 2024

Instructor: S.Nikitin	**E-mail: nikitin@asu.edu**
SLN (section number): 10417, 10419	**Time/Day:** TTH at 7:30 am - 8:45 am, 12:00 pm -1:15 pm
Office: WXLR 436	**Office Hours:** TTH at 9:15 am – 10:15 am

Text (Optional): *Essential Calculus, Early Transcendentals, 2nd Edition,* by James Stewart (Cengage) or the ASU bookstore version: *ACP Calculus (Custom) ASU Bundle (W/Enh WEbAssign Access)*
HW: https://webwork.asu.edu
Software: EditCalculateAndChart (good for doing HW and extra credit problems)

Test reviews: https://math.asu.edu/mat266
Videos: https://mathcast.la.asu.edu:446/course_details/MAT266
Graphing Calculator video (how to use): https://math.asu.edu/computing-resources/graphing-calculator-workshop

EMAIL:

- When e-mailing me to nikitin@asu.edu, please include your full name and your class number: (**e.g. MAT 266, Section XXXXX**).
- **You MUST send all emails from your official ASU email account (not yahoo, gmail etc).**
- *When I send Canvas announcements, they will go to your @asu.edu account. You need to check this account regularly.*

Tentative Lectures and Tests Schedule

Week	Section	Concepts/Comments
1	5.1-5.4, 5.5, 6.1	Intro; Review - Definite and Indefinite Integrals; 5.5 Substitution, 6.1 IBP
2	6.1(cont), 6.2	*MLK, Jr. (Monday, 1/15)* Admin drop - TBA Integration by Parts, Trigonometric Integrals
3	6.3, 6.4	Trigonometric Integrals and Substitutions (cont), Partial Fractions
4	6.5, 6.6	Integration with Tables & CAS, Numerical Integration
5	6.6 (cont)	Test 1 Review, **Test 1 (Th 2/8)**, Improper Integrals
6	7.1, 7.2	Area Between Curves, Volumes (Slicing, Disks and Washers),
7	7.3, 7.4	Volume (Shells), Arc Length
8	7.6, 8.1	Applications to Physics and Engineering (Work), Sequences
9		*Spring Break (3/3 – 3/10)*
10	8.2, 8.4	Series, Test 2 Review, Convergence Tests
11	8.4 (cont), 8.5	**Test 2 (Th 3/21)**, Convergence Tests (cont), Power Series
12	8.5, 8.6	Power Series(cont), Rep. Functions as Power Series, ***Course withdrawal 3/31**
13	8.7, 9.1	Taylor & Maclaurin Series, Parametric Curves,
14	9.2	Calculus with Parametric Curves, Test 3 Review
15	9.3, 9.4	**Test 3 (Th 4/18)**, Polar Curves, Tangents to Polar Curves
16	9.4 (cont)	Areas and Lengths in Polar Coordinates, Final Exam Review
17	ALL	The Final Exam is on Tuesday, 4/30 from 7:10-9:00pm (NEEB 105)

ADMIN DROP: You must complete at least 50% of HW 5.5 by Jan 22 at 11:59pm in order to keep your seat in class. You need to keep up with the pace in the first weeks to be successful in this course.

Graphing Calculator: required for this course. If you already have a graphing calculator, you may use it. Examples of highly recommended models are the TI-*n*spire & TI 83/84 or Casio 9850GB Plus. Calculators that do

symbolic algebra, such as the Casio FX2, Casio 9970Gs,TI-89, TI-92, or TI- *n*spire CAS **cannot** be used in class or during an exam.

Important Dates and Points Allocations

Testing Schedule			Grade Allocations	
Test	*Covering through*	*Date*	Tests*	48%
1	5.5, 6.1-6.5	2/8	Homework Quizzes	10% 12%
2	6.6, 7.1-7.4, 7.6, 8.1-8.2	3/21	Final Exam	30%
3	8.4-8.7, 9.1, 9.2	4/18	**Total**	**100%**
Final	Comprehensive, including 9.3, 9.4	4/30		

Course Withdrawal Deadline	3/31
Complete Withdrawal Deadline (withdraw from all classes in a session)	4/26
Admin Drop, 50% of H\W 5.5	Jan 22

Grading:

Grades will be based on your overall weighted percentage (PE). The letter grade assignments are shown at http://www.public.asu.edu/~nikitin/grading/index.html.

PE is calculated as

(0.8*(Test_1+Test_2+Test_3)+0.6*Quizzes+Work_in_class+1.5*Final_exam+0.5*WW)*0.2

where Test_1=Test_2=Test_3=Quizzes=Final_exam=WW(WebWork)=100.

WW("WebWork") is the percentage of completion of HW posted at

https://webwork.asu.edu

Prerequisite: MAT 265 or MAT 270 (Calculus I) with a grade C or better.

Catalog Description: Methods of integration, applications of calculus, elements of analytic geometry, improper integrals, Taylor series.

Course Overview: https://math.asu.edu/mat266

The purpose of the course is to gain a working understanding of methods of integration, applications of calculus, elements of analytic geometry, improper integrals and series, to include Taylor Series. All the standard methods of techniques of integration are covered. Applications of calculus include general methods where the goal is for the student to divide a quantity into small pieces, estimate with Riemann sums and recognize the limit as an integral. Taylor Series and Taylor Polynomials are covered. Parametric and polar curves are introduced and methods of calculus are applied to them.

Learning Outcomes. At the completion of this course, students will be able to:

1. Evaluate an integral using the substitution method, integration by parts, trigonometric substitution or partial fractions.
2. Use tables to match the form of a given integral to a form given on the table to evaluate the integral.

3. Approximate the definite integral using the Midpoint, Trapezoidal or the Simpson's Rule.
4. Evaluate an improper integral where either the definite integral is extended to cover the case where the interval is infinite or where f has an infinite discontinuity on [a, b].
5. Determine the area of a region enclosed by given curves.
6. Determine the volume of the solids of revolution obtained by rotating a region about a line using washer, disc or shell method.
7. Determine the arc length of a curve.
8. Solve applied problems involving work, including the work to stretch a spring and the work to empty a tank of liquid.
9. Determine if a sequence converges or diverges and find the limit.
10. Determine if a series converges or diverges using geometric series or test for divergence.
11. Find a radius and interval of convergence for a power series.
12. Perform differentiation and integration on known power series to create new power series.
13. Find a power series representation and the interval of convergence for a given a function.
14. Find either a Taylor Series or Maclaurin Series for a given a function.
15. Convert between Cartesian and parametric form and sketch a curve defined parametrically.
16. Determine the tangent line at a point on a curve defined parametrically
17. Find the area below a parametric curve and the arc length along a curve.
18. Convert between Cartesian and polar form and sketch a curve defined in polar coordinates.
19. Find the area made by a polar curve.

Textbook: *Essential Calculus, Early Transcendentals, 2nd Edition,* by James Stewart (Cengage) or the ASU bookstore version: *ACP Calculus (Custom) ASU Bundle (W/Enh WebAssign Access)*

It is recommended to read each section of the textbook and/or watch corresponding videos before each class.

The e-book for this course is made available at a discounted price significantly cheaper than if purchased directly from the publisher. If you wish to take advantage of this discounted group price, no additional action is needed. Following the drop/add period, a charge of $25.00, plus tax, will post to your student account under the header "**Bkstr Publisher Negotiated Rate**" and your access will continue uninterrupted.

Please see more details about the book at the end of the syllabus.

Online Homework will be submitted online through **WeBWorK**. (Click on your instructor's name at https://webwork.asu.edu.) Students are also responsible for reading each section and watching each video *before* it is taught in class. For best results on the tests (especially the final exam), do not use the work of others (including Wolfram Alpha) to answer the problems.

- WRITE YOUR OWN NOTES FOR EACH HW PROBLEM. You will use it later to prepare for exams. It also helps you to learn how to structure your mathematical thinking in written form
- **Murphy's Law:** something always happens on the evening of the due date. Do not postpone – try to be at least 24 hours ahead of schedule.
- ***Do not ask for the extension if you started working on your HW only 48 hours before the deadlines.***
- **Work ahead and give yourself extra time to review/study before the exam.**

Quizzes: We will be having weekly group quizzes. The material is usually based on your previous HWs and/or lecture notes. Active participation is expected. DON'T BE LATE!

SHOW YOUR WORK FOR FULL CREDIT! Just an answer will cost almost nothing. We need to see your WORK, your thinking, the methods you are using and your explanation.

Homework and quizzes will be collected online and graded. Students may work together on homework, but each individual student is required to write-up and turn in her/his own work. **No late homework is accepted**. ***(Homework problems may be added or deleted at the instructor's discretion)***

Exams: There will be three 50 minute midterm exams given during the semester.

Books, notes or "cheat sheets" of any kind are not allowed. Non CAS graphing calculators are allowed on the exams, but graphing calculators that do symbolic algebra are not allowed on the exams (see below). The Instructor has the right to regard any suspicious material in your calculator memory as cheating.

Makeup exams are given at the discretion of the instructor and only in the case of verified medical or other emergency, which must be documented. The instructor must be notified before the test is given. Call the Math Department Office (480-965-3951) and leave a message or directly notify your instructor.

*** Picture ID requirement for testing:** For each exam including the final, you must bring a picture ID.
*** Cell Phones and Electronic Devices:** Any student who accesses for any reason a phone or any internet-capable device during an exam will automatically receive a score of zero on the exam. All such devices must be turned off and put away and made inaccessible during the exam.

Final Exam: Tuesday, April 30, **7:10-9:00 pm**. The final exam is comprehensive through section 9.4.
https://math.asu.edu/mat266
Video Resources:

- ASU Videos: https://mathcast.la.asu.edu:446/?_ga=2.116006534.1675969168.1659110568-172190336.1638938650 (ADA compatible)
- **Videos:** Inside the Canvas shell there are modules, within the modules there I will be posting additional links to other resources (f.e. any ZOOM reviews, ASU videos or YouTube videos).
- **You are expected to watch pre-recorded corresponding videos before each class.** This will help you to feel confident with the material and terminology during the class. It really helps a lot!

Office hours: By appointment, for personal questions, advises and concerns.
Attendance Policy: Attendance is expected

Tutoring: free tutoring to all ASU students:

- MCC -The Math Community Center (https://math.asu.edu/resources/math-community-center) - highly recommended!
- The Math Tutoring Center (https://math.asu.edu/resources/math-tutoring-center)
- Engineering Tutoring Center (https://tutoring.engineering.asu.edu/courses-tutored-times)
- University Academic Success Program (https://tutoring.asu.edu/student-services/tutoring)
- Students can also visit https://tutoring.asu.edu and utilize Tutor Search to select their course and the times they are available to find a specific tutor that can assist them.

Cramming is a totally ineffective study technique for mathematics and will virtually guarantee failure in class.

Studying for the class:
While diligent and timely completion of the homework assignments is necessary to master procedural skills, this alone is insufficient to gain conceptual understanding. To master the concepts, ***you must review and study*** your class notes and the textbook thoroughly with the goal of understanding the connections between the concepts.

- You must do this continually throughout the semester.
- You must have learned the definitions and theorems covered in each class session and started the corresponding homework assignments by the time of the next class session.
- Failure to know the material covered in a previous lecture will result in your inability to follow subsequent lectures, and the difference between where you are in your understanding and where you should be will be compounded with each lecture.

Student Success: to be successful:

- check the course daily
- read announcements
- read and respond to course email messages as needed
- complete assignments by the due dates specified
- communicate regularly with your instructor and peers
- create a study and/or assignment schedule to stay on track
- access ASU Student Resources

Graphing Calculator: A graphing calculator is required for this course. If you already have a graphing calculator, you may use it. Examples of highly recommended models are the TI-*n*spire & TI 83/84 or Casio 9850GB Plus. Calculators that do symbolic algebra, such as the Casio FX2, Casio 9970Gs,TI-89, TI-92, or TI- *n*spire CAS **cannot** be used in class or during an exam.

- How to use Graphing Calculator video: https://math.asu.edu/computing-resources/graphing-calculator-workshop

Communicating with the Instructor

EMAIL: this is the best way to contact me ***regarding personal matters***. When e-mailing, include the class you are in (**e.g. MAT 266, Section #####**).

When I send announcements, they will go to your @asu.edu account. You need to check this account regularly. I cannot be responsible for announcements you did not receive because you are using a different account than the one assigned by the university.

You MUST send all emails from your official ASU email account (not yahoo, gmail etc).

ASU email is an official means of communication among students, faculty, and staff. Students are expected to read and act upon email in a timely fashion. Students bear the responsibility of missed messages and should check their ASU-assigned email regularly.

All instructor correspondence will be sent to your ASU email account.

Virtual Classroom – EdDiscussion (integrated in Canvas)

This course uses a virtual classroom (discussion board) for general questions about the course.
See it as a Virtual Classroom specifically created for math and science courses. It features a clean interface that makes following threads easier, the threads are sortable and searchable, and provides the ability to enter symbolic mathematics. It is a collaborative site in which students are encouraged to post questions and other students are encouraged to offer assistance. The instructor and any teaching assistants will also monitor our forum regularly, offering feedback whenever necessary. Prior to posting a question, please check the syllabus, announcements and existing posts. If you do not find an answer, post your question.

Virtual Classroom (online forum) is built into every online course shell and is a required aspect of the course. The instructor will also post messages to the class through this site. Thus, it is the student's responsibility to be properly signed up in the forum as directed by the instructor.

Student Rules of Engagement:
All questions related to classwork should be posted to the forum. Any homework or classwork questions emailed directly to the instructor will not be answered.
Please include the section number and question number in the header (e.g. HW 1.2, #7).
Please include a couple lines of your work. You may also photograph your written work and insert the image within the post.
Please trim the image size if possible.
Please be courteous at all times. No vulgar, demeaning, or aggressive language will be tolerated.

This is a LEARNING platform!
Do not use our forum to air grievances or to campaign.
Do not use our forum for personal messages. In such a case, email the instructor directly.
Stay on topic. Do not use our forum for discussions not related to this class.
Keep a civil and friendly atmosphere. Our forum works best when we have a lot of students willing to engage discussions and learning.
Please do not expect immediate replies. Instructors usually check the forum daily. In the meantime, other students are encouraged to add feedback and commentary. Instructors may also deliberately stay in the background to promote student-led discussions.

Failure to adhere to these requirements may result in your posting privileges being revoked.

Exam Rules and Proctoring: Books, notes or "cheat sheets" of any kind are not allowed.
Proctoring Statement: Students in face-to-face or online courses taking exams and quizzes at Arizona State University should expect to be proctored. The process includes verifying the identity of the student and providing

either live proctors or other forms of proctoring during the exam or quiz. In the case of face-to-face courses, students can be required to show a valid identification card, and expect to be monitored by proctors while taking either an exam or quiz.

ASU's Academic Integrity Policy violation: penalties will range from deducting exam points, assigning a grade of zero to being reported for violation of the academic integrity policy.

Additional Course Policies:

1. Students are responsible for assigned material whether or not it is covered in class. Students are responsible for material covered in class whether or not it is in the text. Working regularly on assigned problems and *attending class* are essential in order to do well. Expect to spend at least 6-10 hours weekly on homework/labs. You are expected to read the text, preferably before the material is covered in class.
2. Make-up exams are at the discretion of the instructor and only in case of documented emergency. In any case, no make-up exams will be given unless the student has notified the instructor through email before the test is given.
3. All E-mail communication must be done from your ASU account. Due to FERPA (Family Educational Rights and Privacy Act), E-mails received from other accounts will not be answered.

Canvas and Course Access*:* Your ASU courses can be accessed by both my.asu.edu and myasucourses.asu.edu; bookmark both in the event that one site is down. This brings you into the Canvas shell for the course. This is where you will go often throughout the semester.

Technical support: For technical support, use the Help icon in the black global navigation menu in your Canvas course or visit https://tech.asu.edu/services/ec . Support representatives employed at ASU are available to assist you 24 hours a day, 7 days a week. To monitor the status of campus networks and services, visit the System Health Portal at http://syshealth.asu.edu/ . To contact the help desk, call toll-free at 1-855-278-5080.

The School of Mathematical and Statistical Sciences Policies and Procedures

ATTENDANCE: Your instructor reserves the right to take attendance and to incorporate your attendance as part of your overall grade. For classes that meet two days a week, the maximum number of absences is four. For classes that meet three days a week, the maximum number of absences is six. Students who exceed the number of allowed absences will receive a grade of **EN.** Your instructor reserves the right to take attendance and to incorporate your attendance as part of your overall grade.

Academic Status Report: During the semester you may be issued an academic status report from your instructor if your class grade is failing at that time. If you receive such a status report, you must act on it. Status reports are **not** a real-time running tally of your grades in the class, nor are they updated to reflect grades earned after the report has been issued.

Classroom behavior, etiquette and academic integrity policies:

- Athletes with travel schedules should meet with the instructor by the end of the first week of classes to discuss any necessary arrangements that need to be made.

- If you have a disability that requires special accommodations, it is your responsibility to bring this to your instructor's attention during the first week of class. You must also contact the ASU Disability Resource Center https://eoss.asu.edu/drc. All efforts will be made to ensure you have equal opportunity to succeed in the course, but there can be no retroactive accommodation.

- **Absences related to religious observance/practices or university sanctioned events and activities:** if you will be absent from class due to a religious observance or practice that are in accordance with ACD 304-04, or from participation in a university sanctioned event/activity in accord with ACD 304-02, it is your responsibility to inform the instructor during the first week of class. Your instructor will work with you on alternative and reasonable arrangements for any time missed

- Classroom disturbances, including but not limited to: arriving late, talking in class, using cellular devices, texting, listening to music, eating and drinking are not tolerated. Each student is expected to show respect for every student registered in the course. Turn off any cellular phones, pagers, laptops, tablets and other electronic devices and put them out of sight prior to entering class. The usage of laptops is prohibited in the classroom. Notes should be taken with pen/pencil on paper. If you wish to use an electronic device for note taking, talk to your instructor.
  An instructor may withdraw a student from a course when the student's behavior disrupts the educational process under USI 201-10 http://www.asu.edu/aad/manuals/usi/usi201-10.html
  Students are required to adhere to the ABOR Student Code of Conduct: https://eoss.asu.edu/dos/srr/codeofconduct.

- **Academic Integrity:** Academic honesty is expected of all students in all assignments, examinations, papers, laboratory work, academic transactions and records. Academic dishonesty, including inappropriate collaboration, will not be tolerated. There are severe sanctions for cheating, plagiarism, and any other form of dishonesty. The possible sanctions include, but are not limited to, appropriate grade penalties, course failure (indicated on the transcript as a grade of E), course failure due to academic dishonesty (indicated on the transcript as a grade of XE), loss of registration privileges, disqualification and dismissal. For more information, see http://provost.asu.edu/academicintegrity and https://provost.asu.edu/sites/default/files/AcademicIntegrityPolicyPDF.pdf)

❖ Students must use their own, original work. Students must refrain from obtaining, uploading or submitting material that is not the student's original work to any course assignment or discussion used in this course or any other course unless the students first comply with all applicable citation guidelines and copyright laws. Faculty members reserve the right to delete materials on the grounds of suspected plagiarism and copyright infringement and impose sanctions as listed below.

❖ Academic dishonesty includes any act of academic deceit, including but not limited to possessing, reviewing, buying, selling, obtaining, posting on a site accessible to others, reviewing materials from a site accessible to others, or using, without appropriate authorization, any materials intended to be used for an academic evaluation.

❖ Academic integrity and anti-plagiarism policy: Plagiarism of any kind will not be tolerated. Students must take exams independently without assistance from other students. Students may not submit papers written by persons other than themselves. Students must submit original work for this course and may not submit papers previously submitted to (an) other class (es). The ASU student academic integrity policy lists violations in detail. These violations fall into five broad areas that include but are not limited to: (1) Cheating on an academic evaluation or assignment; (2) Plagiarizing; (3) Academic deceit, such as fabricating data or information; (4) Aiding academic integrity policy violations and inappropriately collaborating; (5) Falsifying academic records. See https://provost.asu.edu/academic-integrity

- **The grade of XE:** A grade of XE is reserved for "failure due to academic dishonesty." The grade goes on the student's transcript and usually remains there permanently. Examples of academic dishonesty are signing an attendance sheet for another student or asking another student to sign an attendance sheet on your behalf, accessing unauthorized help while taking an exam, and attempting to influence a grade for reasons unrelated to academic achievement. Asking for a higher grade than the one you have earned because you need a higher grade to maintain a scholarship, or to satisfy your own or someone else's expectations constitutes academic dishonesty.

Failing grades (The E, EN and EU grades)

--- The E grade is for students who participated in the class but did not earn enough credit to pass or attain the D grade.

--- The EN grade is for student who never once participated in the class. At the instructor's discretion, any student who has not attended class during the first week of classes may be administratively dropped from the course. However, students should be aware that non-attendance would NOT automatically result in being dropped from the course. Thus, a student should not assume they are no longer registered for a course simply because they did not attend class during the first week. It is the student's responsibility to be aware of their registration status

--- *The EU grade is for students who participated, but then stopped after a certain point and never resumed. Might result in losing scholarships or financial aid.*

The grade of Incomplete:
A grade of incomplete will be awarded only in the event that a documented emergency or illness prevents the student who is doing acceptable work from completing a **small** percentage of the course requirements. The guidelines in the current general ASU catalog regarding a grade of incomplete will be strictly followed.

Withdrawal:
A student may withdraw from a course with a grade of **W** during the withdrawal period. The instructor's signature is not required. A complete withdrawal must be done in person and that it involves withdrawing from all ASU classes, not just Math 266. Students will not be withdrawn if they merely stop coming to class. It is a student's responsibility to verify whether they have in fact withdrawn from a class.

Admin Drop: A student who has not attended any class and didn't do any HW during the first week of classes may be administratively dropped from the course.

You must complete at least 50% of HW 5.5 by the previously indicated deadline to keep your seat in class.
You need to keep up with the pace in the first weeks to be successful in this course.

However, students should be aware that non-attendance will NOT automatically result in their being dropped from the course. Thus, a student should not assume they are no longer registered for a course simply because they did not attend class during the first week. It is the student's responsibility to be aware of their registration status. Please contact your academic advisor for more information.

Final Exam Make-up Policy: The final exam schedule listed in the Schedule of Classes will be strictly followed. Except to resolve those situations described below, no changes may be made in this schedule without prior approval of the Dean of the college in which the course is offered. Under this schedule, if a conflict occurs, or a student has more than three exams on one day, the instructors may be consulted about an individual schedule adjustment. If necessary, the matter may be pursed further with the appropriate dean(s). This procedure applies to conflicts among any combination of Downtown Phoenix campus, Tempe campus, Polytechnic campus, West campus, and/or off campus class.

Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans Exceptions to the schedule and requests for make-up examinations can be granted only by the Department Chair, Associate Department Chair or the Director of First Year Mathematics, and for one of the following reasons:

1. Religious conflict (e.g., the student celebrates the Sabbath on Saturday)
2. The student has more than three exams scheduled on the same day as the math final
3. There is a time conflict between the math final and another final exam

Absences related to religious observances/practices: If you will be absent from class due to a religious observance or practice, it is your responsibility to inform the instructor during the first week of class. Your instructor will work with you on alternative and reasonable arrangements for any time missed.

Absences related to university sanctioned events and activities: If you will be absent from class due to participation in a university sanctioned event/activity, it is your responsibility to inform the instructor during the first week of class. Your instructor will work with you on alternative and reasonable arrangements for any time missed.

Disability Accommodations:
If you have a disability that needs accommodating, please report this privately to the instructor **by the end of the first week of class**. You should also contact the Disability Resource Center at (480) 965 – 1234 (voice) or (480) 965 – 9000 (TTY). All efforts will be made to ensure you have equal opportunity to succeed in the course.

Establishing Eligibility for Disability Accommodations: Students who feel they will need disability accommodations in this class but have not registered with the Disability Resource Center (DRC) should contact DRC immediately. Their office is located on the first floor of the Matthews Center Building. DRC staff can also be reached at: 480-965-1234 (V), 480-965-9000 (TTY). For additional information, visit: http://www.asu.edu/studentaffairs/ed/drc. Their hours are 8:00 AM to 5:00 PM, Monday through Friday. Please complete this process as soon as possible and schedule an appointment to see me during office hours if you have a disability that will require accommodations in the Disability Resource Center.

ACADEMIC INTEGRITY: Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The possible sanctions include, but are not limited to, appropriate grade penalties, course failure (indicated on the transcript as a grade of E), course failure due to academic dishonesty (indicated on the transcript as a grade of XE), loss of registration privileges, disqualification and dismissal. For more information, see http://provost.asu.edu/academicintegrity

INCLUSION: The School of Mathematical and Statistical Sciences encourages faculty to address and refer to students by their preferred name and gender pronoun. If your preferred name is different than what appears on the class roster, or you would like to be addressed using a specific pronoun, please let your instructor know.

Title IX:
Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university. If you or someone you know has been harassed on the basis of sex or sexually assaulted, you can find information and resources at https://sexualviolenceprevention.asu.edu/faqs.

As a mandated reporter, I am obligated to report any information I become aware of regarding alleged acts of sexual discrimination, including sexual violence and dating violence. ASU Counseling Services, https://eoss.asu.edu/counseling, is available if you wish discuss any concerns confidentially and privately.

Copyrighted Materials:

Students must refrain from uploading to any course shell, discussion board, or website used by the course instructor or other course forum, material that is not the student's original work, unless the students first comply with all applicable copyright laws; faculty members reserve the right to delete materials on the grounds of suspected copyright infringement. The content of this course, including lectures and other instructional materials, are copyrighted materials. Students may not share outside the class, including uploading, selling or distributing course content or notes taken during the conduct of the course.

Any recording of class sessions is authorized only for the use of students enrolled in this course during their enrollment in this course. Records and excerpts of recordings may not be distributed to others. Any (parts of) exams, assignment, reports, or solutions to these, from current or previous semester, posted to any website not affiliated with ASU will result in academic integrity disciplinary actions against the students posting them and the students using them.

Note: *This syllabus is tentative and should not be considered definitive. The instructor reserves the right to modify it (including the dates of the tests) to meet the needs of the class. It is the student responsibility to attend all class meetings and to make note of any changes. The instructor also reserves the right to create class policies in regards to homework due date, late assignments, etc.*

Recommended Practice Problems

SECTION	PROBLEMS FROM TEXTBOOK

5.5	1-19 odd, 33, 35, 37, 39, 40, 45, 46, 48
6.1	1, 2, 5, 9-12, 17, 20, 22, 23
6.2	2, 4, 5, 7, 9, 17, 18, 19, 20, 39-44
6.3	1-3, 7-10, 15, 17, 19, 21, 23
6.4	3-6, 10, 19, 21
6.5	1, 2, 3, 8, 15, 29, 33
6.6	3, 5, 6, 8, 9, 13, 16, 17, 21, 23, 24, 30, 32
7.1	1-4, 8, 9, 12, 15, 29
7.2	2-5, 9, 12, 13, 14, 32, 33, 38, 41, 42, 43
7.3	2-6, 10, 11, 15, 17
7.4	2, 3, 7, 9, 12, 15
7.6	1, 2, 5, 6, 9, 10, 12, 15, 16, 17, 18
8.1	3, 4, 6, 8, 9, 11, 14, 17, 18, 24, 27, 29
8.2	7-10, 15, 18, 21, 25, 26, 31, 32, 39
8.4	2, 19, 20, 21, 24, 25, 26
8.5	3, 5, 7, 8, 9, 11, 14, 15, 18
8.6	3-8, 13, 15, 16, 26, 28, 29
8.7	2, 4-7, 11-14, 18, 23- 25, 27, 32, 36, 37, 41, 47, 48, 52, 53, 54
8.8	3, 6, 7 (optional section)
9.1	5-8, 11-18
9.2	3-5, 9-11, 13, 14, 16, 17, 18, 26, 28, 29, 37, 39
9.3	3, 5, 7, 10, 13, 16, 17, 46, 47, 49, 51, 52
9.4	1, 2, 5-8, 11, 15, 33, 34, 35

(problems may be added or deleted at the instructor's discretion)