

Instructor:	Office:
SLN :	Time/Day:
Telephone:	Hours:
Instructor Web Page:	E-mail:
Text: <i>Essential Calculus, Early Transcendentals, 2nd Edition</i> , by James Stewart (Brooks/Cole)	

Prerequisite: MAT 170-Pre-calculus with grade C or better, or a passing score (76 or better) on the ASU Math Placement Test.

When you contact your instructor, put “MAT 265” and class time into the subject line. Due to FERPA, your instructor cannot answer grade related questions or discuss grades by email. **You MUST send all email from your official ASU email account. Emails that are not sent from that account will be ignored.**

Tentative Lecture Schedule:

Week	Section and Description	Comments
Jan 7-11	Introduction 1.3 Limits: Graphical and Numerical, One-Sided 1.4 Limits: Algebraic	Classes Begin Mon Jan 7
Jan 14-18	1.5 Continuity 1.6 Limits involving Infinity, Asymptotes	
Jan 21-25	2.1 Derivatives and Rates of Change 2.2 Derivative as a Function	M Jan 21 ASU Holiday MLK Day
Jan 28-Feb 1	2.3 Basic Differentiation Formulas – Power Rule 2.4 Product Rule, Quotient Rule	
Feb 4-8	2.5 Chain Rule 2.6 Implicit Differentiation	Test 1 in class, Monday
Feb 11-15	2.7 Related Rates 2.8 Linear Approximation, Differentials	
Feb 18-22	3.1 Exponential Functions 3.2 Inverse Functions and Logarithms	
Feb 25-Mar 1	3.3 Derivatives of Exponential and Logarithmic Functions	

Mar 4-Mar 8		M-F Mar 4-8 ASU Holiday Spring Break
Mar 11-Mar 15	3.5 Inverse Trigonometric Functions 3.7 Indeterminate Forms and L'Hôpital's Rule	
Mar 18-Mar 22	4.1 Maximum and Minimum Values (Extrema) 4.2 Mean Value Theorem	<u>Test 2 in class, Friday</u>
Mar 25-Mar 29	4.3 Derivatives and the Shapes of Graphs 4.4 Shapes of Graphs and Curve-Sketching	
Apr 1-Apr 5	4.5 Optimization 4.7 Antiderivatives	<u>Mastery Exam, Tue or Wed, in Testing Center (see below for time slots)</u>
Apr 8-Apr 12	5.1 Areas and Distances 5.2 The Definite Integral	
Apr 15-Apr 19	5.3 Evaluating Definite Integrals 5.4 The Fundamental Theorem of Calculus	
Apr 22-Apr 26	Review for the Final Exam	<u>Test 3 in class Monday</u> <u>Classes End Fri Apr 26</u>
Final Exam Week		<u>Final Exam: Th, May 2 from 7:10 pm to 9 pm (room t.b.a.)</u>

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.

Spring 2019 Workshops for Graphing Calculator:

Students who attend the workshop and prove attendance by returning their stamped flyer to the instructor may get a small amount of extra credit. The flyer must be returned to the instructor by the third week of class.

The Spring, 2019, TI 83/84 graphing calculator workshops will be at ...

Important Dates and Points Allocations

Testing Schedule				Grade Allocations		Min. % for Grades	
Test	Covering through	Date	Location			A+,A,A-	97,93%90%
1	1.3-1.6, 2.1-2.3	2/4	Classroom	Tests 1-3 and Mastery*	50%	B+,B,B-	87,83,80%
2	2.4-2.8, 3.1-3.3, 3.5, 3.7	3/22	Classroom	Homework & Quizzes	25%	C+,C	77,70%
3	4.1-4.5, 4.7, 5.1, 5.2	4/22	Classroom	Final Exam	25%	D	60%
M	Mastery of Differentiation	4/2-4/3	Classroom	Total	100%	E	< 60%
				*No test will be dropped			

Your final grade will be assigned based on the course credit you have earned during the period from the first day of class to the final exam, with weights assigned to grade components as given in the table above. Your opportunity to earn course credit ends with the final exam. You will not receive extra credit assignments before or after the final exam to raise your grade to a more desirable one.

Important dates:

Course Withdrawal Deadline	March 31, 2019
Complete Withdrawal Deadline	April 26, 2019

Academic Status Report: there are two times during the semester when you will be issued an academic status report from your instructor if your class grade is failing at that time.

Status Report #1 may be viewed between ...

Status Report #2 may be viewed between ...

If you receive a bad status report, you must act on it. In particular, if the status report says that you are to meet with your instructor in person, go to office hours **within one week of receiving the report.**

Status reports are **not** a real-time running tally of your grades in the class and are not updated to reflect grades earned after the report has been issued.

Class Content, Teacher Expectations, Studying for the Class and Examinations

Textbook: you must read each section of the textbook before it is covered in class.

Attendance is expected. Your instructor will take regular attendance. For classes that meet twice 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 those numbers may receive a grade of **E**.

Video Resources

Videos for the course content may be viewed at vidman.asu.edu website and <https://math.la.asu.edu/~surgent/video/>.

Homework & Quizzes: Written homework (table shown below) and/or quizzes will be collected 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.** Quizzes are given at the discretion of the instructor and frequently reflect material that has recently been discussed in class. ***(Homework problems may be added or deleted at the instructor's discretion)***

Sec	Exercises	Due Date
1.3	6, 18	
1.4	10, 24, 26, 38, 44	
1.5	31, 33	
1.6	34, 36, 38	
2.1	14(a-b), 16, 32, 36, 40	
2.2	26, 40	
2.3	38, 64	
2.4	40, 42, 44, 46	
2.5	54, 56, 58, 60, 62	
2.6	20	
2.7	2, 4, 6, 12, 24	
2.8	22, 24, 30	
3.1	14, 16, 24, 26	
3.2	2, 16, 18, 38, 40,	
3.3	48, 70	
3.5	8, 26, 36, 38	
3.7	2, 4, 6, 10, 12, 28, 38, 40	
4.1	28, 32, 36, 46, 48, 50	
4.2	10, 12, 16, 24	
4.3	15, 16, 24, 26, 33, 45	
4.4	(no written assignments)	
4.5	10, 14, 16, 28,	
4.7	38, 42	
Ch. 4 Review	("Exercises", not "concept check" or "true-false quiz") 8, 46	
5.1	4	
5.2	10, 16, 18, 30, 34, 44	
5.3	54, 56, 60, 62,	
5.4	2, 14, 20, 22, 26	

Piazza: Piazza is an online forum site 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 teaching assistants monitor Piazza regularly, offering feedback whenever necessary.

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

Student Rules of Engagement (Piazza):

- All questions related to classwork should be posted to Piazza. 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. Section 11.2, #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.
- Do not use Piazza to air grievances or to campaign.
- Do not use Piazza for personal messages. Those should be sent by email to the instructor directly, and only from your ASU email account.
- Stay on topic. Do not use Piazza for discussions not related to this class.
- Keep a civil and friendly atmosphere. Piazza works best when there are a lot of students willing to engage the forum.
- 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 so as to promote student-led discussions.

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

Online Homework: you will also submit online homework through WeBWork. Click on your instructor's name at webwork.asu.edu.

If you added the class late, you may not have been imported into the Webwork roster. In that case, it is your responsibility to notify your instructor of that fact. Failure or delay in doing so will not entitle you to time extensions.

Murphy's Law of online homework systems: something always happens on the evening of the due date. You should start working on homework assignments on the day the material was covered in class, and finish well before the due date.

Exams: There will be three midterm exams given during the semester. They will be taken in the classroom **on the dates indicated** on page 1.

Calculator policy: it is your responsibility to bring a permitted graphing calculator to the exam. Your teacher will not be able to supply you with a calculator if you do not bring yours. You cannot share a calculator with another student who is also taking the test.

Your calculator memory may be viewed during any exam and will be cleared if anything suspicious is written therein. The Instructor has the right to regard any suspicious material in your calculator memory as cheating.

Communication devices on exams policy:

All internet-capable devices must be turned off and be made inaccessible during all exams. Anyone who accesses such a device during an exam for any reason will receive a score of 0 for that exam and

Bathroom Breaks during exams policy:

You are not permitted to go to the bathroom during midterm exams or the mastery tests. Please go to the bathroom before you start your exam. If you go to the bathroom during the exam, that ends your testing period. If you have a medical condition that may require you to go to the bathroom during exams, you must provide documentation to your instructor in advance. On the final exam, you are permitted one bathroom break. A proctor will escort you to the bathroom.

Makeup policy: 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**. Notify your instructor directly or call the Math Department Office (480-965-3951) and leave a message.

There are no test retakes or “corrections”, and no lowest test will be dropped, nor will you receive extra credit assignments to erase the consequences of a bad test.

Mastery Test: The mastery test assesses basic differentiation skills (including implicit differentiation) and will be administered after covering in class the section of the book on implicit differentiation. No calculators are allowed on the mastery test.

- If you earn 90% or higher, a grade of 100 is recorded.
- If you earn less than 90%, then 90% of the score you earn is recorded.

The mastery test is weighted toward the final grade as 50% of a midterm exam.

The Mastery Test is taken in the Testing Center.

Math Testing Center: The Mathematics Department Testing Center is in WXMLR (formerly PSA) 21 (basement). For the Mastery Exam, the testing center will be open 9 am–4:30 pm.

- On Tue 4/2, there will be 4 time slots for the students to sign up for:
9:00 am to 10:15 am, 10:30 am to 11:45 am, 1:30 pm to 2:45 pm and 3:00 pm to 4:15pm
- On Wed 4/3, there will be 5 time slots for the students to sign up for:
9:00 am to 10:15 am, 10:30 am to 11:45 am, 12:00 pm to 1:15 pm, 1:30 pm to 2:45 pm and 3:00 pm to 4:15pm

Please show up ten minutes before the start time of your time slot.

You will be expected to commit to one of these time slots in advance. Each time slot will only be able to accommodate a limited number of students. Each mastery test attempt will be limited to 50 minutes, to allow for check-in and check-out.

Picture ID requirement for testing: for each exam and the mastery test attempts, you have to bring your **ASU picture ID**. On the exams, show your ID when you turn in your test.

If you cannot show an official picture ID (passport or valid US driver’s license), instructors or proctors may take your picture with your test. If you do not consent to that, they do not have to accept your test.

Reviews: Reviews and old exams are posted on the school's website at

<https://math.asu.edu/resources/math-courses/mat265>

It would also be a good idea to study a diverse sample of homework problems given in the textbook for additional review.

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.

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

Tutoring:

- The Math Tutor Center (free of charge) in WCLR 116 will be open the following hours:
 - 8:00 a.m. - 8:00 p.m. Monday through Thursday
 - 8:00 a.m. - 3:00 p.m. Friday
 - 1:00 p.m. - 6:00 p.m. Sunday
- The Mathematics Community Center (MC²) in WCLR 303
 - Monday – Friday from 10:30 AM – 7:00 PM (no tutors after 4:00pm)
- The Engineering Tutor Center (free of charge) in ECF 100 will be open approximately the same hours Mon – Fri. as the Math Tutor Center.
- Many residence halls and the Memorial Union also offer evening or weekend free tutoring to all ASU students enrolled in math courses as part of the Student Success Centers.

Come in for help before it is too late, and several days before an exam day to strengthen your preparation. In order to be admitted to the Tutor Center each student must present their valid ASU Sun Card.

Office hours: {insert your office hour policies}

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 of Liberal Arts and Sciences. 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 pursued 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.

Classroom behavior, etiquette and academic integrity policies

- **Students with Disabilities** Disability Accommodations: Qualified students with disabilities who will require disability accommodations in this class are encouraged to make their requests to me at the beginning of the semester either during office hours or by appointment. Note: Prior to receiving disability accommodations, verification of eligibility from the Disability Resource Center (DRC) is required. Disability information is confidential.
- **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: www.asu.edu/studentaffairs/ed/drc. Their hours are 8:00 AM to 5:00 PM, Monday through Friday.
- **Policy on Threatening Behavior** All incidents and allegations of violent or threatening conduct by an ASU student (whether on-or off campus) must be reported to the ASU Police Department (ASU PD) and the Office of the Dean of Students. If either office determines that the behavior poses or has posed a serious threat to personal safety or to the welfare of the campus, the student will not be permitted to return to campus or reside in any ASU residence hall until an appropriate threat assessment has been completed and, if necessary, conditions for return are imposed. ASU PD, the Office of the Dean of Students, and other appropriate offices will coordinate the assessment in light of the relevant circumstances.
- **Classroom behavior: Make sure you arrive on time for class** Excessive tardiness will be subject to sanctions. **Under no circumstances should you allow your cell phone to ring during class.** Any disruptive behavior, which includes ringing cell phones, listening to your mp3/iPod player, text messaging, constant talking, eating food noisily, reading a newspaper will not be tolerated. The use of laptops (unless for lecture note taking), cell phones, MP3, IPOD, etc are strictly prohibited during class. Students who engage in disruptive classroom behavior may be subject to various sanctions. The procedures for initiating a disruptive behavior withdrawal can be found at <http://clas.asu.edu/classroom/disruptive>.
- **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.
- **Academic Integrity:** Academic honesty is expected of all students in all examinations, papers, laboratory work, academic transactions and records. The possible sanctions for academic dishonesty 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>.

- **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.

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 265. 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.

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 incomplete is not a "get out of jail free" card and cannot be used as an alternative to withdrawal, or as a way to re-take the class for free. The guidelines in the current general ASU catalog regarding a grade of incomplete will be strictly followed.

Instructor-Initiated Drop: At the instructor's discretion, a student who has not attended any class during the first week of classes may be administratively dropped from the 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.

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.

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 students' responsibility to attend all class meetings and to make note of any changes. The Instructor also reserves the right to create class policies regarding homework due dates, late assignments, etc.

**M Sep 3 ASU Holiday
Labor Day**