



Instructor Policy - Section 14 (TR)

Math 129 - Calculus II

TuTh 3:30-4:45 pm
Psychology Room 307

Instructor and Contact Information

Dr. Houssam Abdul-Rahman

Mathematics building Room 715.

Email: houssam@math.arizona.edu

Homepage: <http://math.arizona.edu/~houssam>

Office Hours: Tuesday 12-1:00 pm, Thursday 1-2 pm, and by appointment.

MTL hour: Wednesday 10-10:50 am in MTL 121.

Course Webpage: <http://calculus.math.arizona.edu/math129>

Course materials will be delivered digitally via D2L through the Inclusive Access program. The course policies and the course calendar are also posted in D2L.

A computer grading program called WebAssign will be used throughout the course.

Course Communications

It is the student's responsibility to keep informed of any announcements, syllabus adjustments or policy changes made during scheduled classes, by email, or through D2L and WebAssign.

Course Materials

The course materials include the textbook (*Calculus Single Variable*; Sixth Edition by Hughes-Hallett et al.; published by Wiley) and access to the online homework system (WebAssign).

Course materials are being delivered digitally via D2L through the Inclusive Access program. Please access the material through D2L the first day of classes to make sure there are no issues in the delivery, and if you are having a problem or question it can be addressed quickly.

You automatically have access to the course materials FREE through January 22, 2019. You **must** take action (even if you have not accessed the materials) to opt-out if you do not wish to pay for the materials, and choose to source the content independently. **The deadline to opt-out is 9:00pm MST, January 22, 2019. If you do not opt-out and choose to retain your access, the cost of the digital course materials will appear on your October Bursars account.** Please refer to the Inclusive Access FAQs at <https://shop.arizona.edu/textbooks/Inclusive.asp> for additional information.

Required Materials

A graphing calculator is a tool that will be used in this course. We recommend any model in the TI-83 or TI-84 series. Models that can perform symbolic calculations (also known as CAS) are **NOT** allowed on exams and quizzes. CAS models include (but are not limited to) the TI-89, TI NSpire CAS and HP 50g. Students are not

allowed to share calculators during exams and quizzes.

Absence and Class Participation Policy

Participating in the course and attending lectures and other course events are vital to the learning process. As such, attendance is required at all lectures and discussion section meetings. Absences may affect a student's final course grade. If you anticipate being absent, are unexpectedly absent, or are unable to participate in class online activities, please contact me as soon as possible. To request a disability-related accommodation to this attendance policy, please contact the Disability Resource Center at (520) 621-3268 or drc-info@email.arizona.edu. If you are experiencing unexpected barriers to your success in your courses, the Dean of Students Office is a central support resource for all students and may be helpful. The Dean of Students Office is located in the Robert L. Nugent Building, room 100, or call 520-621-7057.

The UA's policy concerning Class Attendance, Participation, and Administrative Drops is available at: <http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop>

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, <http://policy.arizona.edu/human-resources/religious-accommodation-policy>.

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored. See: <https://deanofstudents.arizona.edu/absences>

Classroom Behavior Policy

To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming, and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (e.g., texting, chatting, reading a newspaper, making phone calls, web surfing, etc.).

Students are asked to refrain from disruptive conversations with people sitting around them during lecture. Students observed engaging in disruptive activity will be asked to cease this behavior. Those who continue to disrupt the class will be asked to leave lecture or discussion and may be reported to the Dean of Students.

The use of personal electronics such as laptops, iPads, and other such mobile devices is distracting to the other students and the instructor. Their use can degrade the learning environment. Therefore, **students are not permitted to use these devices** during the class period.

UA Nondiscrimination and Anti-harassment Policy

The University is committed to creating and maintaining an environment free of discrimination; see <http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy>

Our classroom is a place where everyone is encouraged to express well-formed opinions and their reasons for those opinions. We also want to create a tolerant and open environment where such opinions can be expressed without resorting to bullying or discrimination of others.

Accessibility and Accommodations

At the University of Arizona we strive to make learning experiences as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, you are welcome to let me know

so that we can discuss options. You are also encouraged to contact Disability Resources (520-621-3268) to explore reasonable accommodation.

For additional information on the Disability Resource Center and reasonable accommodations, please visit <http://drc.arizona.edu>. If you have reasonable accommodations, please plan to meet with me by appointment or during office hours to discuss accommodations and how my course requirements and activities may impact your ability to fully participate.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Assignments and Examinations

Homework: (100 points) Homework will be submitted in two formats throughout the semester. A computer grading program called WebAssign will be used for problems assigned from the text. Hand-written homework showing all work with proper notation will also be submitted. These problems will come from the text and/or from a set of problems created by your instructor. A final homework score based on 100 possible points will be computed: 50 points from WebAssign and 50 points from the hand-written homework.

In-Class Exams: (400 points) Three in-class exams are tentatively scheduled for Tuesday, February 5th (100 points); Tuesday, March 19th (150 points); and Thursday, April 25th (150 points). All electronic devices must be turned off during all exams. In general, there will be no make-up exams in the course. However, in complex and unusual circumstances which are beyond your control, a make-up exam may be given on a case-by-case basis. Approval in these cases is at the sole discretion of the instructor and/or the dean of students. According to university policy, no exams will be held on the week of April 29th.

Final Examination: (200 points) The final exam is a comprehensive common exam. It is scheduled for Monday, May 6th from 8:00 – 10:00 am (see the University's Final Exam Schedule at <http://www.registrar.arizona.edu/schedules/finals.htm>). Additional information and a study guide can be found at <http://calculus.math.arizona.edu/math129>.

The University's Exam regulations will be strictly followed

<https://www.registrar.arizona.edu/courses/final-examination-regulations-and-information>.

Grading Scale and Policies

Your final course grade will be determined by a percentage of the 700 total possible points in the course. Grades will be no lower than the following:

A: 100-90% B: 89-80% C: 79-70% D: 69-60% E: 59-0%

Neither exam scores nor final grades will be curved. No extra credit or bonus points are offered in this course.

Note: A grade of C or better in Math 129 is a necessary prerequisite for Math 223 (Vector Calculus) and Math 254 (Differential Equations). Students who receive a D in Math 129 will receive credit for the course towards graduation requirements, and will be able to use their course for the general education math requirement, but will not be automatically qualified to register for Math 223 or 254.

Requests for incomplete (I) or withdrawal (W) must be made in accordance with University policies, which are available at <http://catalog.arizona.edu/policy/grades-and-grading-system#incomplete> and <http://catalog.arizona.edu/policy/grades-and-grading-system#Withdrawal> respectively.

You may drop the class without a W through January 23 using UAccess. The class will appear on your UAccess record, but will not appear on your transcript. You may withdraw with a W through March 26 using UAccess. The University allows withdrawals through April 9, but only with the Dean's approval. Late withdrawals are dealt with on a case by case basis, and requests for late withdraw without a valid reason may or

may not be honored.

Dispute of Grade Policy: Any questions regarding the grading of any assignment, quiz, or exam need to be cleared up within one week after the graded item has been returned.

Code of Academic Integrity

Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See:

<http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity>.

The University Libraries have some excellent tips for avoiding plagiarism, available at

<http://new.library.arizona.edu/research/citing/plagiarism>.

Selling class notes and/or other course materials to other students or to a third party for resale is not permitted without the instructor's express written consent. Violations to this and other course rules are subject to the Code of Academic Integrity and may result in course sanctions. Additionally, students who use D2L or UA e-mail to sell or buy these copyrighted materials are subject to Code of Conduct Violations for misuse of student e-mail addresses. This conduct may also constitute copyright infringement.

Scheduled Topics/Activities

Week	Topics	WebAssign	HW/Exams
1: Jan 9 - Jan 13	Integration by substitution and parts		
2: Jan 14 - Jan 20	Tables of integrals	Sec 7.1 & 7.2	HW #1
3: Jan 21 - Jan 27	Partial fractions & trig substitution	Sec 7.3	HW #2
4: Jan 28 - Feb 3	Numerical methods of integration, improper integrals,	Sec 7.4 & 7.5	HW #3
5: Feb 4 - Feb 10	Comparison of improper integrals	Sec 7.6	Exam #1
6: Feb 11 - Feb 17	Areas & volumes	Sec 7.7	HW #4
7: Feb 18 - Feb 24	Applications to geometry, density	Sec 8.1 & 8.2	HW #5
8: Feb 25 - Mar 1	Applications to physics	Sec 8.4	HW #6
9: Mar 11 - Mar 17	Sequences, geometric series, convergence of series	Sec 8.5	HW #7
10: Mar 18 - Mar 24	Tests for convergence	Sec 9.1 & 9.2 & 9.3	Exam #2
11: Mar 25 - Mar 31	Power series & intervals of convergence,	Sec 9.4	HW #8
12: Apr 1 - Apr 7	Taylor polynomials, Taylor series, finding & using Taylor series	Sec 9.5 & 10.1	HW #9
13: Apr 8 - Apr 14	What is a differential equation, slope fields	Sec 10.2 & 10.3	HW #10
14: Apr 15 - Apr 21	Separation of variables, growth & decay	Sec 11.1 & 11.2 & 11.4	HW #11
15: Apr 22 - Apr 28	Applications & Modeling	Sec 11.5 & 11.6	Exam #3
16: Apr 29 - May 1	Review		

Subject to Change Statement

Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor.