

**ANALYSIS OF ORDINARY
DIFFERENTIAL EQUATIONS:
MATH 355: SECTION 002
TU & TH 11:00 AM -12:15 PM IN PAS, ROOM 224**

SYLLABUS: SPRING 2019

Instructor:	Office:	Office Hours:	Phone:
Robert Sims	ENR2 S346	Weds. 11am - 12 pm	626-1990

My e-mail address is: rsims@math.arizona.edu

A link to our course website is:

<https://www.math.arizona.edu/~rsims/ma355/ma355.html>

I will also hold one hour of office hours in MTL 121 on Fridays from 11 to 12.

1. Textbook:

The textbook for this course is: *Analysis of Ordinary Differential Equations* (Version 5) by J. M. Cushing. A copy of this text will be available on my website above.

2. Material to be Covered:

My goal is to cover most of Chapters 1-8.

3. Grading Policy:

Your grade will consist of homework, two in-class exams, and a final.

Item	Weight
Homework	20%
Exam 1	20%
Exam 2	20%
Final Exam	40%

An overall course average of 90% or better will be an A, 80% or better will be at least a B, 70% or better will be at least a C, and 60% or better will be at least a D.

4. Homework:

Homework is the most important part of the course. The only way to learn mathematics is by doing it. Homework assignments will be posted on the web as a pdf file. You should feel free to work together on the homework. I encourage this, provided you are truly working on it together. Just watching someone else do it and then copying the answers will almost surely lead to a disaster when you take the exams.

Homework grading: Homework will be assigned almost every week. It will typically be assigned on Thursday and due the following Thursday at the start of class. No late homework will be accepted. Your lowest two homework scores will be dropped. For this reason, in general, there is no make-up homework. However, in complex and unusual circumstances that are beyond your control, make-ups may be given on a case-by-case basis. This will require providing a detailed account of the situation and supporting documents. Approval in these cases is at the sole discretion of the instructor and/or the dean of students.

5. In-class exams:

There will be two in-class exams. Tentatively, I am scheduling these exams for Thursday, February 21st and Thursday, April 11th. Generally, there are no make-up exams. However, in complex and unusual circumstances that are beyond your control, make-ups may be given on a case-by-case basis. This will require providing a detailed account of the situation and supporting documents. Approval in these cases is at the sole discretion of the instructor and/or the dean of students.

6. Final:

The final exam will be cumulative. It is scheduled for Tuesday, May 7th from 10:30am until 12:30 pm.

7. 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 UAs 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>.

8. 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.

9. 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.

10. Accessibility and Accommodations :

At the University of Arizona we strive to make learning experiences as accessible as possible. If you anticipate or experience barriers based

on disability or pregnancy, please contact the Disability Resource Center (520-621-3268, <https://drc.arizona.edu/>) to establish reasonable accommodations.

11. Incompletes / Withdrawals:

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 22 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 Deans approval. Late withdraws are dealt with on a case by case basis, and requests for late withdraw without a valid reason may or may not be honored.

12. 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.

13. 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 instructors 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.

14. 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.