

# CS 2813: Discrete Structures Syllabus

Spring 2023

University of Oklahoma, Computer Science

## 1. INSTRUCTOR INFORMATION & COURSE MATERIAL

**Instructor:** Tashfeen, Ahmad (DEH 210, [tashfeen@ou.edu](mailto:tashfeen@ou.edu)<sup>1</sup>).

**Office Hours:** Fridays, online during 10:00AM-12:00PM by [Zoom](#).

**Textbook:** Chartrand, Gary & Zhang, Ping. *Discrete Mathematics*. Waveland Press, 2011.

**Teaching Assistant:** Motadoo, Shruti (DEH 210, [Shruti.Motadoo-1@ou.edu](mailto:Shruti.Motadoo-1@ou.edu)).

**Teaching Assistant Office Hours:** Fridays, online during 2:00-4:00PM by [Zoom](#).

**Class Time & Location:** Mondays, Wednesdays, Fridays during 12:30-1:20PM in room 300, Felgar Hall.

The final is on May 10<sup>th</sup> during 1:30-3:30PM in room 300, Felgar Hall. Online classroom: [Canvas](#).

## 2. GRADING CRITERIA

There will be seven assignments each worth 10% totalling 70%. A final exam worth 15%, a midterm worth 10% and 5% for class participation, attendance and occasional quizzes. For percentages  $t \geq 90\%$ , the final grade will be an A,  $90\% > t \geq 80\%$  for B,  $80\% > t \geq 70\%$  for C,  $70\% > t \geq 60\%$  for D and an F otherwise.

Only readable handwritten homework will be graded. To be clear, *legibility does not imply readability*. Any submission that is not easy to read will receive a zero. We highly encourage you to typeset your homework. Please read the [homework formatting guidelines](#).

## 3. LATE WORK

When accepted, work that is  $n \leq 7$  days late will receive no more than  $100(1 - 0.1n)\%$  of credit. That is 10% deduction for each day late. For certain assignments and tasks, late work will not be accepted.

## 4. TENTATIVE SCHEDULE

Week	Chapters' Reading	Event
1	0, 1	Assignment 1
2	2	Assignment 2
3	3, 4	
4	3, 4	Assignment 3
5	5	
6	5	Assignment 4
7	0, 1, 2, 3, 4, 5	
8	0, 1, 2, 3, 4, 5	Midterm
9		Spring Break
10	8	
11	8	Assignment 5
12	9	
13	9	Assignment 6
14	10	
15	10	Assignment 7
16	0, 1, 2, 3, 4, 5, 8, 9, 10	Dead Week
17	0, 1, 2, 3, 4, 5, 8, 9, 10	Final

TABLE 1. Tentative Schedule

I look forward to having you in my class!

<sup>1</sup>Prefix [CS2813] followed by a space to all emails sent to the instructor and the teaching assistant.

## 5. UNIVERSITY POLICY

**5.1. Academic Integrity.** Any students caught in violation of the university's [Academic Integrity Policy](#) will be given a final grade of F and further action will be taken.

**5.2. Religious Observation.** It is the policy of the University to excuse the absences of students that result from religious observances and to reschedule examinations and additional required classwork that may fall on religious holidays, without penalty.

**5.3. Reasonable Accommodation Policy.** The Accessibility and Disability Resource Center is committed to supporting students with disabilities to ensure that they are able to enjoy equal access to all components of their education. This includes your academics, housing, and community events. If you are experiencing a disability, a mental/medical health condition that has a significant impact on one or more life functions, you can receive accommodations to provide equal access. Possible disabilities include, but are not limited to, learning disabilities, AD(H)D, mental health, and chronic health. Additionally, we support students with temporary medical conditions (broken wrist, shoulder surgery, etc.) and pregnancy. To discuss potential accommodations, please contact the ADRC at 730 College Avenue, (ph.) 405.325.3852, or [adrc@ou.edu](mailto:adrc@ou.edu).

**5.4. Title IX.** Anyone who has been impacted by gender-based violence, including dating violence, domestic violence, stalking, harassment, and sexual assault, deserves access to resources so that they are supported personally and academically. The University of Oklahoma is committed to offering resources to those impacted, including: speaking with someone confidentially about your options, medical attention, counseling, reporting, academic support, and safety plans. If you would like to speak with someone confidentially, please contact [OU Advocates](#) (available 24/7 at 405-615-0013) or another confidential resource (see "[Can I make an anonymous report?](#)"). You may also choose to report gender-based violence and discrimination through other means, including by contacting the Institutional Equity Office ([ieo@ou.edu](mailto:ieo@ou.edu), 405-325-3546) or police (911). Because the University of Oklahoma is committed to the safety of you and other students, I, as well as other faculty, Graduate Assistants, and Teaching Assistants, are mandatory reporters. This means that we are obligated to report gender-based violence that has been disclosed to us to the [Institutional Equity Office](#). This includes disclosures that occur in: class discussion, writing assignments, discussion boards, emails and during Student/Office Hours. For more information, please visit the [Institutional Equity Office](#).

**5.5. Adjustments for Pregnancy/Childbirth Related Issues.** Should you need modifications or adjustments to your course requirements because of documented pregnancy-related or childbirth-related issues, please contact your professor or the Accessibility and Disability Resource Center at 405/325-3852 as soon as possible. Also, see the Institutional Equity Office [FAQ on Pregnant and Parenting Students' Rights](#) for answers to commonly asked questions.

**5.6. Final Exam Preparation Period.** Pre-finals week will be defined as the seven calendar days before the first day of finals. Faculty may cover new course material throughout this week. For specific provisions of the policy please refer to OU's [Final Exam Preparation Period policy](#).

**5.7. Emergency Protocol.** During an emergency, there are official university [procedures](#) that will maximise your safety.

*Severe Weather:* If you receive an OU Alert to seek refuge or hear a tornado siren that signals severe weather

- 1) Look for severe weather refuge location maps located inside most OU buildings near the entrances.
- 2) Seek refuge inside a building. Do not leave one building to seek shelter in another building that you deem safer. If outside, get into the nearest building.
- 3) Go to the building's severe weather refuge location. If you do not know where that is, go to the lowest level possible and seek refuge in an innermost room. Avoid outside doors and windows.
- 4) Get in, Get Down, Cover Up.
- 5) Wait for official notice to resume normal activities.

Additional [Weather Safety Information](#) is available through the Department of Campus Safety.

**5.8. Armed Subject/Campus Intruder.** If you receive an OU Alert to shelter-in-place due to an active shooter or armed intruder situation or you hear what you perceive to be gunshots: 1. *Avoid:* If you believe you can get out of the area WITHOUT encountering the armed individual, move quickly towards the nearest building exit, move away from the building, and call 911. 2. *Deny:* If you cannot flee, move to an area that can be locked or barricaded, turn off lights, silence devices, spread out, and formulate a plan of attack if the shooter enters the room. 3. *Defend:* As a last resort fight to defend yourself. For more information, visit OU's [Emergency Preparedness site](#).

[Shots Fired on Campus Procedure - Video](#)

**5.9. Fire Alarm/General Emergency.** If you receive an OU Alert that there is danger inside or near the building, or the fire alarm inside the building activates: 1. *LEAVE* the building. Do not use the elevators. 2. *KNOW* at least two building exits 3. *ASSIST* those that may need help 4. *PROCEED* to the emergency assembly area 5 *ONCE safely outside, NOTIFY first responders of anyone that may still be inside building due to mobility issues.* 6. *WAIT* for official notice before attempting to re-enter the building.

[OU Fire Safety on Campus](#)

**5.10. Mental Health Support Services.** If you are experiencing any mental health issues that are impacting your academic performance, counseling is available at the University Counseling Center (UCC). The Center is located on the second floor of the Goddard Health Center, at 620 Elm Rm. 201, Norman, OK 73019. To schedule an appointment call (405) 325-2911. For more information, please visit [University Counseling Center](#).

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