Central Connecticut State University  
Math 218: Discrete Mathematics  
Fall 2021  
Syllabus

**Time:** MWF 10:50 am – 12:00 pm  
**Location:** Maria Sanford Hall 119  
**Web Location:** Blackboard  
**Prerequisite:** MATH 152 with a grade of C- or higher.  
**Instructor:** Dr. Shijie Gu  
**Email:** sgu@ccsu.edu  
**Office:** Marcus White Hall 118

**TEXTBOOK**  
*Discrete Mathematics with Graph Theory by Goodaire and Parmenter, 3rd edition*

**COURSE DESCRIPTIONS**  
The topics include: propositional logic, methods of proof including mathematical induction, set theory and cardinality, functions, relations, and introductory number theory. Emphasis is placed on developing the ability and inclination to reason correctly and on the use of precise language to communicate mathematical facts. Problems may be chosen from a variety of topics and subject areas.

**HEALTH PROTOCOLS**  
Whether you are vaccinated or not, masks must be always worn while we are in class. No exceptions. If you forget to bring your mask, you can get one from “mask station” nearest our building.

**ATTENDANCE POLICY**  
Attendance will be recorded, and it will be 5% of your final grade. If you know you are going to be absent, it is your responsibility to notify the professor and get notes from a classmate.  
**Any student who misses an exam or the final without making prior arrangements receives a score of 0.**

**CALCULATOR POLICY**  
Students will be required to provide their own calculators for this course. Any scientific or graphic calculator can be used for the required calculations. There will be no sharing of calculators during exams, and students **may not** use cellular phones, watches, iPads, tablets, computers, or other electronic devices as calculators during exams.
CELLULAR PHONES
Cell phone usage during class is highly discouraged. If there is an emergency and you need to use your phone, please step outside the classroom. Otherwise, you should not be on your phone during class. If you are playing with your phone during class, you are not learning, and the point of being present in class is to learn.

GRADING CRITERIA
Attendance: 5%
Homework: 20%
Midterm Exam: 35%
Final Exam: 40%
Final will be cumulative and is on all material covered during the semester. The final date is scheduled for Wednesday 12/8 (10:30 am – 12:30 pm).

Test dates will be announced as the semester proceeds. Students are not permitted to exit the classroom once an exam has begun. Any student leaving the classroom once they have been given an exam will not be allowed to continue the exam upon returning to the classroom. Once a student leaves the room, it is assumed that the exam is complete, and it will be collected and graded as such.

GRADING SCALE
A  93-100
A- 90-92
B+ 87-89
B  83-86
B- 80-82
C+ 77-79
C  73-76
C- 70-72
D+ 67-69
D  60-66
F  Below 60

RESOURCES AVAILABLE
1. If you need help, take advantage of your instructor's office hours. Do not wait until just before an exam to do so!
2. The Learning Center is located in Room 016, Carroll Hall. Free tutoring is available. A schedule for hours of the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is an efficient way to learn.
4. A list of private tutors for hire is available in the math department office, Room 128, Marcus White, (860)832-2835.
ACADEMIC INTEGRITY
All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion. For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (http://www.ccsu.edu/StudentConduct/codeofconduct.asp) and the Academic Misconduct Policy (http://www.ccsu.edu/AcademicIntegrity/).

COURSE ACCOMMODATIONS POLICY
Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share.

I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Carroll Hall 150, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

COURSE WITHDRAWAL POLICY
The last day to drop a course without “W” is Sep 15. The last day to withdraw from a course is Nov 17. Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their instructor and academic advisor prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course.

Beginning on Nov 18, withdrawals are allowed only under extenuating circumstances and require approval of the course instructor and of the Chair of the Department of Mathematical Sciences.
Poor academic performance is not considered an extenuating circumstance.

COVID19 MEASURES:

1. Getting fully vaccinated: Vaccines are safe and effective and readily available. The Board of Regents that governs CCSU has determined that a vaccine mandate is in force for Fall 2021. The
university has organized free walk-up clinics on campus for those not yet vaccinated and is offering the possibility of gift cards as well. For full details: https://www.ccsu.edu/blueprint/get-vaccinated.html

2. Wearing face masks: Protecting ourselves and each other requires measures to prevent the spread of COVID-19, which is an airborne virus. Wearing face masks of an approved character (not scarves or bandanas) significantly reduces both the possibility of someone infected spreading the virus, and others not infected from contracting it. CCSU has adopted a policy requiring the wearing of appropriate face masks by all members of the community, and in particular students and faculty while in class or in buildings. Anyone coming to class without an approved face mask will be required to obtain one at the “mask station” nearest our building; class will not be held with anyone not masked.

3. Maintaining social distancing: Social distancing helps in preventing the spread of the virus. In class, we will keep our desks at the designated 3-foot separations and will not move them for group work. Outside of class, please maintain social distancing, even if the door of the classroom is not open when you arrive. When leaving class, students will exit by row. These measures will be taken to respect the social distancing requirement.

4. Getting tested if exposed: If you learn that you have been in contact with anyone who has become infected, you need to get tested to determine if you have also been infected. Even a brief encounter may result in infection, given the communicability of the Delta variant. Testing is free and simple. You can find a testing center (e.g., CVS or Walgreen’s) online, or purchase a home testing kit. Do not come to class until you have recorded a negative test result.

5. Isolating if you have symptoms: If you have any symptoms, including flu-like symptoms, loss of sense of taste or smell, or any other symptom associated with COVID-19, you must immediately inform university authorities and follow quarantine procedures and stay home until your symptoms cease and you test negative for COVID-19. If your symptoms are significant, do not hesitate to contact a physician for medical advice and care, or go to a health care clinic near your home.

6. Preparing to go remote: We cannot predict what will happen in the coming weeks and months, including whether the infection rate will significantly increase (or perhaps decline), and what measures the university, and the state may take. In the case where the pandemic spikes to an unacceptable degree, we may go entirely remote—that is to say, fully online. That decision will be made by the university and system authorities, not individually by your instructors. Should we go remote, you will be informed as to how the class will continue online and any other changes that may be required."

STATEMENT ON DISCRIMINATION AND HARASSMENT
Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual
disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws. Any student who has concerns about should contact the Office of Equity & Inclusion (OEI) at 860-832-1652, Student Affairs at 860-832-1601, or their faculty member. The OEI is located on the main floor of Davidson Hall, room 119.

Sexual Misconduct, Intimate Partner Violence and Stalking
Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policy at https://www.ccsu.edu/diversity/policies/index.html. All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Pamela Whitley, Title IX Officer, Office of Equity & Inclusion, Davidson Hall, 119.

To file a report, contact: Equity & Inclusion (860-832-1652), Student Conduct (860-832-1667) or Student Affairs (860-832-1601). For criminal complaints, contact the University Police (860-832-2375).

For support and advocacy, contact: Office of Victim Advocacy at 860-832-3795 or jflanagan@ccsu.edu; Student Wellness Services at 860-832-1945 (confidential); Women’s Center at 860-832-1655; the local YWCA’s Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24-hour hotline).