

CMPS 5243 – Algorithm Analysis
Spring 2024

Instructor: Tina Johnson, Bolin 126F, (940) 397-6201, tina.johnson@msutexas.edu

Course Objective: This course is a study of the design and analysis of algorithms for the processing of numeric and nonnumeric data.

Course Prerequisite: CMPS 3013 and MATH 1634.

Text: *Introduction to Algorithms*, 3rd ed. By Cormen, Leiserson, Rivest, & Stein

Missed Programs: This class is considered a programming course. **All projects must be attempted.** If a student fails to turn in any project, he/she will receive an F in the course.

Course Grade

Tests (3)	45%
Final Exam - comprehensive	20%
Quizzes	20%
Programs/Projects	15%

Late Policy: Projects will be accepted late up to one week after the due date with a penalty of 5 points per day. The D2L submission date will be the official date for calculating a late penalty. ***Late projects will not be accepted for a grade after one week from the due date.***

Quizzes and other assignments will not be accepted after the due date. All assignments are due at the ***beginning*** of class on the due date. If you are late to class, your assignment will be counted late. One quiz/assignment will be dropped.

Academic Misconduct Policy & Procedures

Academic misconduct is cheating, collusion, and plagiarism: it is the act of using either published or unpublished source material of other students, persons, or generative AI (unless there are instructions that allow it), and must follow accepted techniques of crediting. The Department of Computer Science has adopted the following policy related to academic misconduct. The policy will be applied to all submission of work for credit as determined by the instructor of the course, e.g., assignments, quizzes and exams. (See below for link to MSU definitions.)

- 1st instance of cheating in the program: The student will be assigned a non-replaceable grade of zero for the assignment, project or exam. If the final grade in the course, does not result in a one letter grade reduction, the student will receive a one letter grade reduction in course.
- Further instances of cheating in any course within the program: The student will receive a grade of F in the course & be removed from the course.
- All instances of cheating will be reported to the Department Chair, the MCOSME Dean, the Dean of Graduate Students, if a graduate student, and the Office of Rights and Responsibilities, who may decide at their own discretion to impose a stiffer sanction based on knowledge of other instances of cheating at MSU Texas.

Note: Letting a student look at your work is collusion and is academic misconduct!

See Also: [MSU Student Handbook](#): Appendix E: Academic Misconduct Policy & Procedures

<https://msutexas.edu/student-life/assets/files/handbook.pdf>.

Electronic Devices: The use of electronic devices is discouraged in this class. Students who intend to use a laptop or tablet should sit behind other students in the class to avoid distractions.

Recording of Class Lectures: Permission must be requested in writing and obtained from the instructor before recording of class lectures. If permission is granted, the recording may only be used by the student making the recording. Recordings (or any class materials) may NOT be posted on any internet source without written permission of the instructor. Failure to adhere to the policy may result in removal from the course with a grade of F or other appropriate punishment.

Policy on Concealed Handguns on Campus: Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage on [Campus Carry](https://msutexas.edu/police/policies-laws/index.php) at <https://msutexas.edu/police/policies-laws/index.php>. If you have questions or concerns, please contact MSU Chief of Police at steven.callarman@msutexas.edu

Disability Policy: In accordance with the law, MSU provides academic accommodations to students with documented disabilities. Students with disabilities must be registered with Disability Support Services before classroom accommodations can be provided. The DSS office is located in Clark Student Center, Room 168, phone 397-4140.

Counseling Center: MSU offers personal, group, career, and academic counseling. Students are encouraged to take advantage of these **free** services by contacting the Counseling Center: Room 108 Clark Student Center, 397-4618, counseling@mwsu.edu.

Important Links: MSU Registrar's [Important Dates](#) Helpful information for students: [Student Resources](#).