

**CMPS 5243 – Algorithm Analysis**  
**Spring 2023**

**Instructor:** Tina Johnson, Bolin 126F, (940) 397-6201, [tina.johnson@msutexas.edu](mailto: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*, 3<sup>rd</sup> 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%
Projects	20%
Quizzes/Other Assignments	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:** Cheating, collusion, and plagiarism (the act of using source material of other persons or generators, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). The Department of Computer Science has adopted the following policy related to cheating (academic misconduct). The policy will be applied to all instances of cheating on assignments and exams as determined by the instructor of the course. (See below for link to MSU definitions.)

- 1st instance of cheating in a course: 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.*
- 2nd instance of cheating in a course: The student will receive a grade of F in course & immediately be removed from course.
- All instances of cheating will be reported to the Department Chair and, in the case of graduate students, to the Department Graduate Coordinator.

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

See Also: [MSU Student Handbook](https://msutexas.edu/student-life/assets/files/handbook.pdf): 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 Interim MSU Chief of Police at [steven.callarman@msutexas.edu](mailto: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](mailto:counseling@mwsu.edu).

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