

CMPS 5243 – Algorithm Analysis
Spring 2021

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.

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 Honesty: The Department of Computer Science had 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. In addition, 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.

Testing Process: The Department of Computer Science has adopted the following policy related to testing.

- All bags, purses, electronics (turned off), books, etc. will be placed in the front of the room during exams, or in an area designated by the instructor.
- Unless otherwise announced by the instructor, nothing is allowed on the desk but pen/pencil/eraser and test papers.
- No student is allowed to leave the room during an exam and return.

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

Campus Carry: 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, please refer to the [Policy on Carrying Concealed Handguns on Campus](#).

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.

Course Grade

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

COVID-19 Policy:

All members of the MSU Texas Community (students, faculty, staff, visitors, vendors and contractors) are required to wear protective face coverings on campus or in University facilities as provided below:

I. Requirements

- a. *In common areas on campus including, but not limited to, classrooms and other spaces used for teaching, research, and creative activity, student center, library, hallways, elevators, stairwells, restrooms, break rooms, foyers, event rooms and lobbies;*
- b. *Other areas where physical distancing of at least 6 feet is not maintained. Even when physical distancing of at least 6 feet can be maintained, face coverings are strongly recommended.*

II. Exceptions

- a. *When eating or drinking, which should still be conducted maintaining physical distance;*
- b. *In accordance with applicable law (e.g., an accommodation, including for medical reasons, under the Americans with Disabilities Act (ADA), or pursuant to a bona fide religious belief);*
- c. *For children under the age of 2 years old; or*
- d. *By an instructor/presenter in a classroom or event room when a physical distance of at least 10 feet can be maintained from the class members/audience.*