

# CMPS 5363 topics in Computer & Networking Security - Cybersecurity

**Instructor:** Robert Smith, [Robert.Smith@msutexas.edu](mailto:Robert.Smith@msutexas.edu)

**Course Description:** Selected topics from computer and network security, including identity and access, application and operating system vulnerabilities, defensive programming, software security, operating system security, cryptography, social engineering, malicious software, exploits, denial of service attacks, intrusion detection/prevention, legal issues, intrusion analysis techniques and threat modeling.

## **Textbooks & Materials:**

- *Computer Security: Principles & Practice*, 4<sup>th</sup> edition, Stallings & Brown (**REQUIRED**)
- Selected readings.

## **Grading:**

50%	2 Exams
40%	4 Projects
10%	Class attendance && participation

Late project submission is 10% penalty per day or portion thereof.  
Grades will be posted to D2L.

Final grading letter: 90-A, 80-B, 70-C, 60-D, All others F.

**Cheating:** Unless instructed otherwise, each student is expected to write, design, code, enter, test, and validate his/her own work. To submit another's work (even partial) as your own is called plagiarism and is subject to severe action as stated in the MSU Student Handbook. **Two students working together to complete an individual assignment is also considered cheating.**

Students are expected to see the instructor for help on assignments, if necessary. ~ ~ Cheating in any form will not be tolerated. This includes, but is not limited to, cheating on exams, turning in another persons work as your own, turning in improperly cited work taken from the internet, & plagiarism on written work.

Punishment may include an F in the course or expulsion from the university. (Refer to Student Handbook and Activities Calendar, Code of Student Conduct, Standards of Conduct, No. 11.)

## Academic Misconduct Policy & Procedures

Cheating, collusion, and plagiarism (the act of using source material of other persons or devices, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given).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: Appendix E: Academic Misconduct Policy & Procedures

[https://msutexas.edu/student-life/\\_assets/files/handbook.pdf](https://msutexas.edu/student-life/_assets/files/handbook.pdf).

**Recording of Class Lectures:** Class lectures may not be electronically recorded. Failure to adhere to the policy may result in removal from the course with a grade of F or other appropriate punishment.

**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

**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. Please inform the instructor in this case.

**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:

Corner of Hampstead and Louis J. Rodriguez Drive, 397-4618,  
[counseling@mwsu.edu](mailto:counseling@mwsu.edu).

**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 regarding campus carry, please refer to information on the [university's webpage](#).