

# COURSE SYLLABUS

COSC 5327

*Operating Systems*

**Dr. Tim McGuire**

**3 Semester Hours**

**Spring Semester 2018**

**Section 01** – AB1-209, 12-12:50 p.m., MWF

**Office:** AB1-212G

**Office Hours:** 10:00 – 11:30 a.m. MTWThF; 12:30 -2:00 TTh; other times by arrangement

**Office Phone:** (936) 294-1571

**E-Mail:** [mcguire@shsu.edu](mailto:mcguire@shsu.edu)

**Home Page:** [http://www.shsu.edu/~csc\\_tjm](http://www.shsu.edu/~csc_tjm)

## ***Catalog Description:***

A comprehensive study of computer operating systems. Topics include: computer architecture, concurrent processes, multi-threaded systems, scheduling, memory management, I/O management, file systems, networking and the client/server model, distributed systems, and computer security.

***Prerequisite:*** COSC 3319 and COSC 4327 or equivalent

## ***Texts and Materials:***

- Suggested Text:  
*Operating System Concepts*, 8th Edition, **by** Silberschatz, Galvin, and Gagne, 2009. (Ebook available for free online via Proquest through the SHSU Library.)  
Other editions of Silberschatz, et al, will also be acceptable

## ***Methodology:***

Course will consist of lecture with lab assignments.

**Grading:** There will be 2 major exams during the course of the semester. Each of these will count as 20% of the total grade. Makeup exams must be scheduled with the professor within a week of the missed exam. A makeup exam will not necessarily cover identical material to the missed exam, and may be of a different format and difficulty level. There will be a final exam which will count as 30% of the grade. There will be several homework and lab assignments which will count as 30% of the grade.

**Grading Scale:** The following grade scale is used:

90	≤	A	≤	100
80	≤	B	<	90
70	≤	C	<	80
60	≤	D	<	70
0	≤	F	<	60

**Absences:** In accordance with University Policy, regular attendance is required; however, no point will be awarded or subtracted based on your attendance. You are responsible for all material covered in every class, regardless of whether you attended or not. It is your responsibility to obtain notes, assignments, etc., from fellow class members if you miss a class. Absences for religious holy days must be scheduled with the instructor in accordance with official university policy.

**Academic Integrity:** The Student Handbook states that the University expects all students to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. Furthermore, the University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to cheating on an examination or other academic work which is to be submitted, plagiarism, unauthorized collusion, and the abuse of resource materials. All students must fully develop their own solutions. You are not allowed to work together on any assignment. Do not copy anyone else's assignment and do not allow your assignments to be copied. Cheating on any portion of an assignment will result in a grade of zero for the entire assignment.

**Proper Classroom Demeanor:** Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Please turn off or mute your cellular phone and/or pager before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, using inappropriate language, reading newspapers, sleeping, talking among each other at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in, minimally, a directive to leave class or being reported to the Dean of Students for disciplinary action in accordance with university policy.

**Americans with Disabilities Act:** According to University Policy, request for accommodations must be initiated by the student. A student seeking accommodation should go to the Counseling Center in a timely manner.

**Visitors in the Classroom:** Occasional visiting of classes by responsible persons is allowed with prior arrangement with the instructor, as long as it does not interfere with the registered members of the class or the educational process.