

**CS 4302: Operating Systems
Spring 2020**

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Web Sites	http://cs.angelo.edu/~mccrouch http://blackboard.angelo.edu

Office Hours	M-F 9:00 a.m. – 12 noon And by appointment
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Prerequisites	CS 2315 and CS 3304
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Course Objectives	Hyperlink to Course Objectives goes here (not currently available).
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Text	<i>Operating Systems: Concepts Essentials – 2nd Edition</i> By Silberschatz, Galvin, & Gagne ISBN: 978-1-118-80492-6
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Grading	Chapter Exercises - 1400 points (14 @ 100 points per exercise) Chapter Exams - 1400 points (14 @ 100 points per exam) Collaborate Sessions - 1200 points (12 @ 100 points per session) Final Project - 2000 points Total Points Possible: 6000 A = 5400-6000 points B = 4800-5399 points C = 4200-4799 points D = 3600-4199 points F = less than 3500 points
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Attendance	There is NO attendance requirement for this course. However, “ <i>Collaborate</i> ” sessions will be used in this course and a required number of sessions must be met in order to successfully complete the course.
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Projects	All projects will be submitted to the instructor using ASU’s Blackboard Learning System and must be completed by the scheduled course deadline.
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Exam policy	Chapter exams are online in Blackboard and must be completed by the scheduled deadline.
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University Policies	Academic honesty (<i>Student Handbook</i>). Persons with disabilities requiring accommodations (OP 10.15). Student absence for observance of a religious holy day (OP 10.19). Access to these policies are including in the Blackboard Course.
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MFT Exam:	CS 4302 is considered a capstone course for the CS major. Graduating Seniors MUST take the MFT (Major Field Assessment Test) . The MFT is administered by the Testing Center in the Division of Continuing Studies. Multiple testing sessions will be scheduled late in the semester. Students will register for a particular session by phoning Continuing Studies (2339). Continuing Studies will determine the times and places of the administrations. Immediately after each administration of the test, a list of students who have taken the test will be sent to the Computer Science Department and to the Dean of the College of Arts and Sciences. No student will be certified for graduation who has not taken the MFT .
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CS 4302
CLASS SCHEDULE

Assignments and exams must be completed and submitted in Blackboard no later than
8:00 a.m. on the date shown below.

For example,

Lab Exercise 1 and Exam 1 must be completed no later than 8:00 a.m. on Monday, January 27.

<u>Week beginning:</u>		<u>Assignment/Exam</u>
Jan	13	Introduction to course / review syllabus / watch video Chapter 1 – Introduction to Operating Systems
	20	School Holiday – No Classes
	27	Chapter 2 – Operating System Structures Ex. 1 / Exam 1
Feb	3	Chapter 3 – Processes Ex. 2 / Exam 2
	10	Chapter 4– Threads..... Ex. 3 / Exam 3
	17	Chapter 5 – Process Synchronization Ex. 4 / Exam 4
	24	Chapter 6– CPU Scheduling..... Ex. 5 / Exam 5
Mar	2	Chapter 7 – Main Memory Ex. 6 / Exam 6
		9 - 15 Spring Break – No Classes
	16	Chapter 8 – Virtual Memory Ex. 7 / Exam 7
	23	Chapter 9 – Mass-Storage Structure..... Ex. 8 / Exam 8
	30	Chapter 10 – File-System Interface Ex. 9 / Exam 9
Apr	6	Chapter 11 – File-System Implementation..... Ex. 10 / Exam 10
	13	Chapter 12 – I/O Systems..... Ex. 11 / Exam 11
	20	Chapter 13 – Protection Ex. 12 / Exam 12
	27	Chapter 14 – Security Ex. 13 / Exam 13
May	1	Final Project** Ex. 14 / Exam 14

**** Instead of an actual final exam, the Final Project will be due no later than 8:00 a.m. on Friday, May 1.**