# CS 4302: Operating Systems (Online)
## Spring 2018

**Instructor**
Dr. Mark Crouch  
**Office**
MCS 205 A  
**Telephone**
325-486-5421  
**E-Mail Address**
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**Web Sites**
http://cs.angelo.edu/~mcrouch  
http://blackboard.angelo.edu

**Office Hours**
MWF 10:00 a.m. – 12 noon, 1 p.m. – 2 p.m.  
TR 10:00 a.m. – 11:00 a.m.  
And by appointment

**Prerequisites**
CS 2315 and CS 3304

**Course Objectives**
Hyperlink to Course Objectives goes here (not currently available).

**Text**
By Silberschatz, Galvin, & Gagne  
ISBN: 978-1-118-80492-6

**Grading**
- Chapter Exercises: 1400 points \((14 @ 100 \text{ points per exercise})\)
- Chapter Exams: 1400 points \((14 @ 100 \text{ points per exam})\)
- Collaborate Sessions: 1000 points \((10 @ 100 \text{ points per session})\)
- Final Project: 1900 points

**Total Points Possible:** 5700

- A = 5100-5700 points
- B = 4500-5099 points
- C = 3900-4499 points
- D = 3300-3899 points
- F = less than 3300 points

**Attendance**
There is **NO** attendance requirement for online courses. However, “Collaborate” sessions will be used in this course.

**Projects**
All projects will be submitted to the instructor using ASU’s Blackboard Learning System and must be completed by the scheduled course deadline.

**Exam policy**
Chapter exams are **online** and must be completed by the scheduled deadline.

**University Policies**
Academic honesty (*Student Handbook*).  
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.

**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**.
CS 4302
CLASS SCHEDULE

Since this course is an “Online” course, 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 29.

<table>
<thead>
<tr>
<th>Week beginning</th>
<th>Assignment/Exam Due by 8:00 a.m.</th>
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</thead>
<tbody>
<tr>
<td>Jan 15</td>
<td>Introduction to course / review syllabus / watch video Chapter 1 – Introduction to Operating Systems</td>
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<td>29</td>
<td>Chapter 2 – Operating System Structures Ex. 1 / Exam 1</td>
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<td>Feb 5</td>
<td>Chapter 3 – Processes Ex. 2 / Exam 2</td>
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<td>12</td>
<td>Chapter 4 – Threads Ex. 3 / Exam 3</td>
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<td>Chapter 5 – Process Synchronization Ex. 4 / Exam 4</td>
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<td>Chapter 6 – CPU Scheduling Ex. 5 / Exam 5</td>
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<td>Mar 5</td>
<td>Chapter 7 – Main Memory Ex. 6 / Exam 6</td>
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<tr>
<td>12 - 16</td>
<td>Spring Break – No Classes</td>
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<tr>
<td>19</td>
<td>Chapter 8 – Virtual Memory Ex. 7 / Exam 7</td>
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<td>26</td>
<td>Chapter 9 – Mass-Storage Structure Ex. 8 / Exam 8</td>
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<td>Apr 2</td>
<td>Chapter 10 – File-System Interface Ex. 9 / Exam 9</td>
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<td>9</td>
<td>Chapter 11 – File-System Implementation Ex. 10 / Exam 10</td>
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<td>Chapter 12 – I/O Systems Ex. 11 / Exam 11</td>
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<td>23</td>
<td>Chapter 13 – Protection Ex. 12 / Exam 12</td>
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<td>30</td>
<td>Chapter 14 – Security Ex. 13 / Exam 13</td>
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<tr>
<td>May 3</td>
<td>Final Project** Ex. 14 / Exam 14</td>
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** Instead of an actual final exam, the Final Project will be due no later than 8:00 a.m. on Monday, May 7.