

Catalog Data	Function and organization of operating systems, process management, virtual memory, I/O management and file management.																																		
Textbook	Silberschatz, Galvin and Gagne, <i>Operating System Concepts</i> (9 th Edition, 2013). Wiley. ISBN 978-1118063330. Errata at http://codex.cs.yale.edu/avi/os-book/OS9/ .																																		
Instructor	Matthew B. Gerber (Adjunct) Office Hours: HEC 328, MW 19:30-20:30					Ph.D. Computer Science: UCF E-Mail: matthew.gerber@ucf.edu																													
Prerequisites	COP3503 Computer Program Fundamentals 2, COP3402 System Software, Foundation Exam.																																		
Course Goal And Topics	<p>To introduce you to the principles and concepts of computer operating systems.</p> <ul style="list-style-type: none"> ▪ Definition, purpose and history of operating systems ▪ Processor scheduling ▪ Memory Management ▪ Device Management ▪ I/O Management ▪ Special OS Topics 																																		
Course Layout	We will broadly follow the text, amplifying the material in the topics above and further topics as time permits. Discussions of operating systems in the real world, and their implications, will be interjected liberally.																																		
Assignments	Assignments will include a combination of written reports, question-and-answer responses, and programming. <i>Written reports will be graded for mechanics.</i>																																		
Ethics	As reflected in the UCF creed, integrity and scholarship are core values that should guide our conduct and decisions as members of the UCF community. Plagiarism and cheating contradict these values, and so are very serious academic offenses. Penalties can include a failing grade in an assignment or in the course, or suspension or expulsion from the university. Students are expected to familiarize themselves with and follow the University's Rules of Conduct (see http://www.osc.sdes.ucf.edu/).																																		
Exceptions	In general I will neither accept late work nor offer make-up tests. I may make exceptions with valid reason before the due date or test date. I will make exceptions on or after the due date or test date only in well-documented extreme circumstances.																																		
Attendance	Class attendance is not mandatory and I will not take roll. However, this is a lecture course and you are responsible, without exception, for all information from all class sessions, including revisions to this syllabus.																																		
Grading	<p>Grade scale and weights are as follows:</p> <table border="1"> <thead> <tr> <th>A</th><th>A-</th><th>B+</th><th>B</th><th>B-</th><th>C+</th><th>C</th><th>C-</th><th>D+</th><th>D</th><th>D-</th><th>F</th></tr> </thead> <tbody> <tr> <td>90-100</td><td>88-89</td><td>86-87</td><td>80-85</td><td>78-79</td><td>76-77</td><td>70-75</td><td>68-69</td><td>66-67</td><td>60-65</td><td>58-59</td><td>0-57</td></tr> </tbody> </table> <ul style="list-style-type: none"> ▪ Assignments 25% ▪ Midterm Exam 1 25% ▪ Midterm Exam 2 25% ▪ Final Exam 25% <p>You must pass the Final Exam to pass the course.</p> <p>The above criteria represent the lowest grade you will receive in the course. Several other factors may raise your grade, including but not limited to overall class performance and improvement in your performance over the semester.</p>											A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F	90-100	88-89	86-87	80-85	78-79	76-77	70-75	68-69	66-67	60-65	58-59	0-57
A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F																								
90-100	88-89	86-87	80-85	78-79	76-77	70-75	68-69	66-67	60-65	58-59	0-57																								
Revision	I may revise any aspect of this syllabus at any time.																																		
Dates	(Current as of 1/10/2016)																																		
	Drop	Add	Pay	Withdraw	Our Last	Semester End	Our Final																												
	R 1/14	F 1/15	F 1/22	W 3/23	M 4/25	T 4/26	W 5/4 16:00-18:50																												

Schedule

	Monday	Wednesday	
1/11	Welcome	Introduction	1/13
1/18	Martin Luther King Jr. Day - No Class		1/20
1/25	Unit 1: Processes		1/27
2/1			2/3
2/8			2/10
2/15			2/17
2/22	Unit 1 Review	Midterm Exam 1	2/24
2/29	Unit 2: Memory		3/2
3/7	Spring Break - No Classes		3/9
3/14	Unit 2: Memory		3/6
3/21			3/3
3/28	Unit 2 Review	Midterm Exam 2	3/30
4/4	Unit 3: I/O		4/6
4/11			4/13
4/18			4/20
4/25	Final Exam Review	No Classes	4/27
5/2	No Classes	Final Exam: 16:00-18:50	5/4