ENPM675

Operating System Design

Instructor

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Meeting Time: 11-12 Wed or by appointment by Zoom

Tentative Discussion Schedule

	Date	Topic(s)	Chapter(s)
	29 Aug	Introduction	1. Introduction
	12 Sep	Processes	3. Processes
	19 Sep	Threads	4. Threads 5. CPU Scheduling (part A)
06/12/2017	26 Sep	CPU Scheduling	5. CPU Scheduling (part B)
06/14/2017	03 Oct	Process Synchronization	6. Process Synchronization
06/19/2017	11 Oct	Deadlocks	Deadlocks
06/21/2017		Main Memory	8. Main Memory
	TBA	Midterm Exam	Ch 1, 3-7
06/26/2017	31 Mar	Virtual Memory	Virtual Memory
06/28/2017	07 Apr	File System Interface, File System Implementation	File System Interface, File System Implementation
07/03/2017	14 Apr	Mass Storage Systems	Mass Storage Systems
07/10/2017	21 Apr	I/O Systems	I/O Systems

07/12/2017	28 Apr	Protection	Protection
07/17/2017	05 May	Security	Security
	TBA	Endterm Exam	Ch 8-15

Grading

Weightage

Item	Weightage
Assignments	30%
Midterm Exam	35%
Final Exam	35%
Total	**100%**

Assignment and Exam Policies

No make-up exam will be given without a documented evidence.

Textbook

1. Operating System Concepts, 8/e or 9/e by Silberschatz, Galvin, Gagne

Campus Policies

It is our shared responsibility to know and abide by the University of Maryland's policies that relate to all courses. Please visit https://academiccatalog.umd.edu/graduate/policies/academic-record/ for the Office of Graduate Studies' list of campus-wide policies.

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Get Some Help!

You are expected to take personal responsibility for your own learning. This includes acknowledging when your performance does not match your goals and doing something about it. Everyone can benefit from some expert guidance on time management, note taking, and exam preparation, so I encourage you to consider visiting http://ter.ps/learn (there are specific resources for graduate students under handouts, but please explore to find what you need). Sharpen your communication skills (and improve your grade) by visiting https://gradschool.umd.edu/graduate-school-writing-center and schedule an appointment with the campus Graduate Writing Center. Finally, if you just need someone to talk to, visit http://www.counseling.umd.edu.

Everything is free because you have already paid for it, and **everyone needs help**… all you have to do is ask for it.

Names/Pronouns and Self Identifications

The University of Maryland recognizes the importance of a diverse student body, and we are committed to fostering equitable classroom environments. I invite you, if you wish, to tell us how you want to be referred to both in terms of your name and your pronouns (he/him, she/her, they/them, etc.). The pronouns someone indicates are not necessarily indicative of their gender identity. Visit trans.umd.edu to learn more.

Additionally, how you identify in terms of your gender, race, class, sexuality, religion, and dis/ability, among all aspects of your identity, is your choice whether to disclose (e.g., should it come up in classroom conversation about our experiences and perspectives) and should be self-identified, not presumed or imposed. I will do my best to address and refer to all students accordingly, and I ask you to do the same for all of your fellow Terps.