Tentative Syllabus

Because I teach to the students, and not to the syllabus, these dates and topics are tentative and subject to change without warning. In particular, if I don't discuss something you're interested in, ask about it! I may very well add it or modify what I'm covering to include it.

The discussion sections will present additional material and examples. The discussion section topics are *tentative* and subject to change as we see fit. Regardless of the topic listed, all discussion sections have a few ground rules:

- If you don't understand something in lecture, or are having problems with the assignments, we encourage you to ask about it. The primary goal of a discussion section is to discuss points that are confusing you, and we will clear up any confusion even if some material is not covered.

- You are responsible for material covered in discussion section. That material may be on assignments and exams.

	date	topic	reading
1.	Thu, Sep 25	Introduction, System Calls	§1.1, 1.3, 1.4
	Mon, Sep 29	*Discussion Section*: MINIX System Calls	
2.	Tue, Sep 30	Operating System Structure	§1.2, 1.5
3.	Thu, Oct 2	Processes and Concurrency	§2.1–2.2.2, 2.3
	Mon, Oct 6	*Discussion Section*: MINIX Process Implementation	§2.6
4.	Tue, Oct 7	Hardware and Semaphores	§2.2.3–2.2.4
5.	Thu, Oct 9	Language Constructs for Concurrency	§2.2.7, 2.2.8
	Mon, Oct 13	*Discussion Section*: MINIX Process Manager	§4.7, 4.8
6.	Tue, Oct 14	Process Scheduling	§2.4
7.	Thu, Oct 16	Process Scheduling	
	Mon, Oct 20	*Discussion Section*: MINIX System, Clock Tasks	§2.7, 2.8
8.	Tue, Oct 21	I/O Basics, Principles	§3.1, 3.2
9.	Thu, Oct 23	I/O Scheduling, Process Interfaces	
	Mon, Oct 27	*Discussion Section*: MINIX I/O Basics	§3.4–3.6
10.	Tue, Oct 28	Memory Management Basics	§4.1–4.3, 4.6
11.	Thu, Oct 30	*to be arranged*	
	Mon, Nov 3	*Discussion Section*: ***Midterm Examination***	
12.	Tue, Nov 4	Page Replacement	§4.4
13.	Thu, Nov 6	More Page Replacement	§4.5
	Mon, Nov 10	*Discussion Section*: MINIX Disks and Terminals	§3.7, 3.8
	Tue, Nov 11	***Veteran's Day***	
14.	Thu, Nov 13	Deadlock	§3.3
	Mon, Nov 17	*Discussion Section*: *to be arranged*	
15.	Tue, Nov 18	File Systems	§5.1–5.3, 5.6
16.	Thu, Nov 20	Networks	
	Mon, Nov 23	*Discussion Section*: MINIX File System Implementation	§5.7
17.	Tue, Nov 25	Security	§5.4
	Thu, Nov 27	***Thanksgiving Holiday***	
	Mon, Dec 1	*Discussion Section*: *to be arranged*	
18.	Tue, Dec 2	More Security	§5.5
19.	Thu, Dec 5	*to be arranged*	
	Tue, Dec 9	***Final Examination*** (6–8PM)	