

IT 3100: Systems Design and Administration I

Fall 2018 Schedule

Day	Topic	Quiz	Work Due
Aug 20	Course Introduction, Computer Systems		
Aug 22	User and Group Management		DNS Purchase
Aug 24	File Permissions		
Aug 27	Users/Permissions/Etc.		Ownership Count
Aug 29	Domain Name System		Dangerous Permissions
Aug 31	Domain Name System		System Install 01
Sep 3	NO CLASS		
Sep 5	DNS Debugging		Users and Groups
Sep 7	Simple Mail Transfer Protocol		DNS Simple
Sep 10	Simple Mail Transfer Protocol		Users and Groups 2 and System Install 02
Sep 12	DNS Lookup/Clients		SMTP Simple
Sep 14	DNS		DNS Lookup
Sep 17	Hypertext Transfer Protocol		
Sep 19	System Resources: CPU/Processes/RAM/Storage		HTTP VHost
Sep 21	System Resources: CPU/Processes/RAM/Storage		DNS Simple 2
Sep 24	Remote Email Management		System Resources
Sep 26	Hypertext Transfer Protocol/Server Scripts		SMTP Remote
Sep 28	File Systems/Storage		HTTP Server Scripting
Oct 1	File Systems		Get started on File Systems
Oct 3	SMTP on Satellites		File Systems
Oct 5	Database Management Systems		SMTP Satellite
Oct 8	Reverse DNS Translations		DBMS
Oct 10	Web Mail	Quiz 1 (users)	DNS Reverse
Oct 12	No Class		
Oct 15	DNS Delegation		Web Mail
Oct 17	Review	Quiz 2 (DNS)	DNS Subdomain
Oct 19	Web Applications		Catch up
Oct 22	SMTP Revisited		Web Application 1
Oct 24	Resources Revisited	Quiz 3 (SMTP)	Web Application 2
Oct			

26	Homework Error Review		Fixes
Oct 29	HTTP Revisited/Users Revisited/DNS Revisited	Quiz 4 (resources)	Fixes
Oct 31	File Systems Revisited		IPV6
Nov 2	Review Assignment 1	Quiz 5 (HTTP)	Web Secure Review Assignment 1
Nov 5	Review Assignment 2(DBMS Review)	Quiz 6 (file systems)	Review Assignment 2
Nov 7	PE 1 Hints	Quiz 7 (DBMS)	Fixes
Nov 9	Practical Exam 1		Practical Exam 1 (resources,users,filesystems)
Nov 12	IT Topics		Review Assignment 3
Nov 14	Practical Exam 2		Practical Exam 2 (DNS)
Nov 16	IT Topics		Review Assignment 4
Nov 19	Practical Exam 3		Practical Exam 3 (email)
Nov 21	NO CLASS		
Nov 23	NO CLASS		
Nov 26	IT Topics		
Nov 28	Practical Exam 4		Practical Exam 4 (web/applications/dbms)
Nov 30	IT Topics		
Dec 3	Practical Exam 5		Practical Exam 5 (Summary)
Dec 5	Review		
Dec 7	Study		

See syllabus for final date and time.

Class announcements may modify the schedule from that listed above.