

IT 3100: Systems Design and Administration I

Spring 2018 Schedule

Day	Topic	Quiz	Work Due
Jan 8	Course Introduction, Computer Systems		
Jan 10	User and Group Management		DNS Purchase
Jan 12	File Permissions		
Jan 15	NO Class		
Jan 17	Users/Permissions/Etc.		Ownership Count
Jan 19	Domain Name System		Dangerous Permissions
Jan 22	Domain Name System		System Install 01
Jan 24	DNS Debugging		Users and Groups
Jan 26	Simple Mail Transfer Protocol		DNS Simple
Jan 29	Simple Mail Transfer Protocol		Users and Groups 2 and System Install 02
Jan 31	DNS Lookup/Clients		SMTP Simple
Feb 2	DNS		DNS Lookup
Feb 5	Hypertext Transfer Protocol		
Feb 7	System Resources: CPU/Processes/RAM/Storage		HTTP VHost
Feb 9	System Resources: CPU/Processes/RAM/Storage		DNS Simple 2
Feb 12	Remote Email Management		System Resources
Feb 14	Hypertext Transfer Protocol/Server Scripts		SMTP Remote
Feb 16	File Systems/Storage		HTTP Server Scripting
Feb 19	NO CLASS		
Feb 21	File Systems		Get started on File Systems
Feb 23	SMTP on Satellites		File Systems
Feb 26	Database Management Systems		SMTP Satellite
Feb 28	Reverse DNS Translations		DBMS
Mar 2	Web Mail	Quiz 1 (users)	DNS Reverse
Mar 5	DNS Delegation		Web Mail
Mar 7	Review	Quiz 2 (DNS)	DNS Subdomain
Mar 9	Web Applications		Catch up
Mar 12 - 16	Spring Break		
Mar 19	SMTP Revisited		Web Application 1
Mar 21	Resources Revisited	Quiz 3 (SMTP)	Web Application 2
Mar 23	Homework Error Review		Fixes
Mar 26	HTTP Revisited/Users Revisited/DNS Revisited	Quiz 4 (resources)	Fixes
Mar 28	File Systems Revisited		Fixes
Mar 30	Review Assignment 1	Quiz 5 (HTTP)	Review Assignment 1
Apr 2	Review Assignment 2(DBMS Review)	Quiz 6 (file systems)	Review Assignment 2
Apr 4	PE 1 Hints	Quiz 7 (DBMS)	Fixes
Apr 6	Practical Exam 1		Practical Exam 1 (resources,users,filesystems)
Apr 9	IT Topics		Review Assignment 3

Apr 11	Practical Exam 2		Practical Exam 2 (DNS)
Apr 13	IT Topics		Review Assignment 4
Apr 16	Practical Exam 3		Practical Exam 3 (email)
Apr 18	IT Topics		
Apr 20	Practical Exam 4		Practical Exam 4 (web/applications/dbms)
Apr 23	IT Topics		
Apr 25	Practical Exam 5		Practical Exam 5 (Summary)
Apr 27	Final Exam 1pm - 2:50 pm	Final Exam	

Class announcements may modify the schedule from that listed above.