

# 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		<b>DNS Purchase</b>
Jan 12	File Permissions		
Jan 15	<b>NO Class</b>		
Jan 17	Users/Permissions/Etc.		<b>Ownership Count</b>
Jan 19	Domain Name System		<b>Dangerous Permissions</b>
Jan 22	Domain Name System		<b>System Install 01</b>
Jan 24	DNS Debugging		<b>Users and Groups</b>
Jan 26	Simple Mail Transfer Protocol		<b>DNS Simple</b>
Jan 29	Simple Mail Transfer Protocol		<b>Users and Groups 2 and System Install 02</b>
Jan 31	DNS Lookup/Clients		<b>SMTP Simple</b>
Feb 2	DNS		<b>DNS Lookup</b>
Feb 5	Hypertext Transfer Protocol		
Feb 7	System Resources: CPU/Processes/RAM/Storage		<b>HTTP VHost</b>
Feb 9	System Resources: CPU/Processes/RAM/Storage		<b>DNS Simple 2</b>
Feb 12	Remote Email Management		<b>System Resources</b>
Feb 14	Hypertext Transfer Protocol/Server Scripts		<b>SMTP Remote</b>
Feb 16	File Systems/Storage		<b>HTTP Server Scripting</b>
Feb 19	<b>NO CLASS</b>		
Feb 21	File Systems		Get started on File Systems
Feb 23	SMTP on Satellites		<b>File Systems</b>
Feb 26	Database Management Systems		<b>SMTP Satellite</b>
Feb 28	Reverse DNS Translations		<b>DBMS</b>
Mar 2	Web Mail	<b>Quiz 1</b> (users)	<b>DNS Reverse</b>
Mar 5	DNS Delegation		<b>Web Mail</b>
Mar 7	Review	<b>Quiz 2</b> (DNS)	<b>DNS Subdomain</b>
Mar 9	Web Applications		Catch up
Mar 12 - 16	<b>Spring Break</b>		
Mar 19	SMTP Revisited		<b>Web Application 1</b>
Mar 21	Resources Revisited	<b>Quiz 3</b> (SMTP)	<b>Web Application 2</b>
Mar 23	Homework Error Review		<b>Fixes</b>
Mar 26	HTTP Revisited/Users Revisited/DNS Revisited	<b>Quiz 4</b> (resources)	<b>Fixes</b>
Mar 28	File Systems Revisited		<b>IPV6</b>
Mar 30	Review Assignment 1	<b>Quiz 5</b> (HTTP)	<b>Web Secure Review Assignment 1</b>
Apr 2	Review Assignment 2 (DBMS Review)	<b>Quiz 6</b> (file systems)	<b>Review Assignment 2</b>
Apr 4	PE 1 Hints	<b>Quiz 7</b> (DBMS)	<b>Fixes</b>
Apr 6	Practical Exam 1		Practical Exam 1 (resources,users,filesystems)
Apr 9	IT Topics		<b>Review Assignment 3</b>

Apr 11	Practical Exam 2		Practical Exam 2 (DNS)
Apr 13	IT Topics		<b>Review Assignment 4</b>
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 30	Final Exam 1pm - 2:50 pm	<b>Final Exam</b>	

Class announcements may modify the schedule from that listed above.