

IT 3110: Systems Design and Administration II OR Systems Automation

Spring 2018 Schedule

Day	Topic	Work Due
Jan 8	Course outline/restructure network	
Jan 10	Centralized Log Server /logrotate	
Jan 12	DHCP	<u>IT 3100 Restructure</u>
Jan 15	MLK Day- No class	
Jan 17	DHCP	
Jan 19	NFS	<u>Logger</u>
Jan 22	Advanced DHCP (netboot)	
Jan 24	Advanced DHCP (kickstart)	<u>DHCP</u>
Jan 26	Catch up?	<u>NFS I</u>
Jan 29	Exam I (<u>Logger/NFS/DHCP</u>)	<u>DHCP 2</u>
Jan 31		<u>Diskless Boot</u>
Feb 2	<u>Shell Review</u> <u>Shell Review (stdout)</u>	
Feb 5	<u>Shell Review (stdin)</u> and <u>read2</u>	
Feb 7	<u>Shell Review (variables)</u>	
Feb 9	<u>Shell Logic and arithmetic</u>	<u>Bash on Windows</u>
Feb 12	AWK , SED - Read 7.10- 7.11	
Feb 14	REGEX review	<u>Shell Script 1</u>
Feb 16	Same	<u>Shell Script 2</u>
Feb 19	Presidents Day no class	
Feb 21	<u>Additional Scripting</u>	<u>Shell Script 3</u>
Feb 23	Lab Day?	
Feb 26	<u>Quick Shell</u>	
Feb 28	<u>Troubleshooting</u>	
Mar 2	Test 2	<u>Shell Script 4</u>
Mar 5	Automation with Ansible	
Mar 7	Ansible	<u>Ansible 1</u>
Mar 9		
Mar 12-16	<i>Spring Break (no classes)</i>	
Mar 19	Ansible	<u>Ansible 2</u>
Mar 21	Ansible	
Mar 23	Ansible	
Mar 26	Ansible	
Mar 28	Ansible	
Mar 30	Ansible	
Apr 2	Ansible	
Apr 4	Ansible	
Apr 6	Ansible Exam	
Apr 9	Image Capture and Deployment with Fog	
Apr 11	Same	
Apr 13		<u>Fog Server</u>
Apr 16	Salt Stack	
Apr 18	Salt Stack	
Apr 20	Salt Stack	

Apr 23	Salt Stack	
Apr 25	Salt Stack	
Apr 26	Reading day	
Apr 27	Final Exam 11 am - 12:50 pm (Comprehensive)	Final Exam
May 4	Commencement	

Class announcements may modify schedule from that listed above