Week 1 (Jan 7 - 11)

- **Slides**
  - Logger Slides
  - DHCP Slides
- **Readings**
- **Lectures**
  - DHCP Lecture
  - Bionic Networking
- **Screenshots/Helps**
  - Syslog Server
  - Syslog Client
  - Syslog Filters
  - Log Rotate
  - DHCP Dynamic
  - DHCP Fixed
  - DHCP Dynamic Client
- **Assignment**
  - Hosts

Week 2 (Jan 14 - 18)

- **Slides**
  - NFS Slides
- **Reading**
- **Lectures**
- **Screenshots/Helps**
  - NFS How To
- **Assignment**
  - Logger

Week 3 (Jan 21 - 25)

- **NO CLASS ON JAN 21**
- **Slides**
  - PXE Boot
  - Kickstart
  - Diskless
- **Reading**
- **Lectures**
- **Screenshots/Helps**
  - Diskless boot = Note that instead of using the cp command as outlined in the screenshots, you can use the debootstrap command as shown in the diskless assignment instructions.
  - Netboot
  - FOG
- **Assignment**
  - DHCP
  - NFS 1

Week 4 (Jan 28 - Feb 1)

** EXAM 1 **
Week 5 (Feb 4 - Feb 8)

- Slides
  - Shell 1
  - StdOut
  - StdIn
  - Command Execution

- Reading
  - Shell review
  - stdout review
  - stdin review
  - executing commands

- Lectures
  - Screenshots/Helps
  - Assignment
    - Bash on Windows

Week 6 (Feb 11 - 15)

- Slides
  - Variables
  - Logic
  - Sed/Awk

- Reading
  - Variables
  - Shell logic and arithmetic
  - AWK, SED - Read 7.10- 7.11

- Lectures
  - Screenshots/Helps
    - SSH As root

- Assignment
  - Shell Script 1
  - Shell Script 2

Week 7 (Feb 18 - 22)

- NO CLASS FEB 18
- Slides
  - Regex
  - Shell Features
- Reading
Week 8 (Feb 25 - Mar 1)

- Slides
  - Shell Speed
  - Shell Speed
- Reading
  - Quick Shell
  - Troubleshooting
- Lectures
- Screenshots/Helps
- Assignment
  - Shell Script 3
  - Regex
  - Sample scripting exam
  - Shell Script 4
  - Shell Script 5

Week 9 (Mar 4 - 8)

TEST 2

- Slides
  - Automation with Ansible
  - Ansible Playbooks
- Reading
- Lectures
- Screenshots/Helps
- Assignment
  - Ansible 1

Week 10 (Mar 11- 15)

- SPRING BREAK

Week 11 (Mar 18 - 22)

- Slides
  - Ansible Playbooks 2
  - Ansible Roles
- Reading
- Lectures
- Screenshots/Helps
- Assignment
  - Ansible 2
Ansible

Week 12 (Mar 25 - 29)

Ansible/Python Exam

- Slides
  - Python curtis example
- Reading
- Lectures
- Screenshots/Helps
- Assignment
  - Python

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Week 13 (Apr 1 - 5)

- Slides
  - Salt
- Reading
- Lectures
- Screenshots/Helps
- Assignment
  - Salt 1

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Week 14 (Apr 8 - 12)

- Slides
- Reading
- Lectures
- Screenshots/Helps
- Assignment
  - Salt 2
  - Salt 3

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Week 15 (Apr 15 - 19)

- Slides
  - Terraform?
- Reading
- Lectures
- Screenshots/Helps
- Assignment

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Week 16 (Apr 22 - 24)

- Slides
  - Terraform?
- Reading
- Lectures
- Screenshots/Helps
- Assignment