# CS183 Course Schedule

| Week | Lectures | Labs & Assignments |
|------|----------|--------------------|
| 1 | Introduction - Linux Boot Systems | VirtualBox and CentOS setup |
| 2 | Shell Scripting | Introduction to Scripting |
| 3 | Access Control - Process Control | Introduction to Scripting |
| 4 | Filesystem - Software Management | Filesystems and Permissions |
| 5 | User Management | Software Management |
| 6 | Intro to Networks - L1 and L2 Networks | Password Vulnerability – *Project Proposal* |
| 7 | L1 and L2 Networks – VLAN | LAMP server |
| 8 | L3 Networks - Modern L3 Networks | Project Collaboration |
| 9 | L4 Networks - Virtualization & Container Services | NIS server and client |
| 10 | Final Presentations | Process Management – *Final Presentations* |

**Textbook:** Unix and Linux System Administration Handbook (5th Ed) by Evi Nemeth, Garth Snyder, Trent Hein, Ben Whaley and Dan Mackin

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