

CIS 527 - Enterprise System Administration (Spring 2016)

Schedule (as of 1/7/2016)

| Date | Lecture | Topic |
|--------------------|--------------|--|
| 1/20/16 | 1 | Introduction & Motivation |
| 1/22/16 | 2 | Virtualization & OS |
| 1/25/16 | 3 | Command Line |
| 1/27/16 | 4 | Users & Permissions |
| 1/29/16 | 5 | Services, Software & Security |
| 2/1/16 | 6 | Lab 1 - Secure Workstations |
| 2/3/16 | 7 | Configuration Management |
| 2/5/16 | 8 | Puppet 1 |
| 2/8/16 | 9 | Puppet 2 |
| 2/10/16 | 10 | Puppet 3 |
| 2/12/16 | 11 | <i>Puppet 4</i> |
| 2/15/16 | 12 | Lab 2 - Configuration Management |
| 2/17/16 | 13 | Networking Overview |
| 2/19/16 | 14 | DHCP & DNS |
| 2/22/16 | 15 | <i>HTTP, SNMP & More</i> |
| 2/24/16 | 16 | <i>Email</i> |
| 2/26/16 | 17 | <i>Wireshark</i> |
| 2/29/16 | 18 | Lab 3 - Core Networking Services |
| 3/2/16 | 19 | Directory Services Overview |
| 3/4/16 | 20 | Windows Domains |
| 3/7/16 | 21 | Linux LDAP |
| 3/9/16 | 22 | Interoperability |
| 3/11/16 | 23 | <i>Lab 4 Work Time</i> |
| 3/14 - 3/18 | | <i>Spring Break - No Class!</i> |
| 3/21/16 | 24 | Lab 4 - Directory Services |
| 3/23/16 | 25 | The Cloud Overview |
| 3/25/16 | 26 | Configuring the Cloud |
| 3/28/16 | 27 | Networking the Cloud |
| 3/30/16 | 28 | <i>Apps in the Cloud</i> |
| 4/1/16 | 29 | <i>Advanced Cloud Management</i> |
| 4/4/16 | 30 | Lab 5 - The Cloud |
| 4/6/16 | 31 | Application Servers Overview |
| 4/8/16 | 32 | File Servers & File Sharing |
| 4/11/16 | 33 | LAMP - Apache, MySQL & PHP |
| 4/13/16 | 34 | Windows - IIS and .NET |
| 4/15/16 | | <i>Open House - No Class!</i> |
| 4/18/16 | 35 | Lab 6 - Application Servers |
| 4/20/16 | 36 | Backups |
| 4/22/16 | 37 | System Monitoring & <i>Analytics</i> |
| 4/25/16 | 38 | <i>High Performance Computing</i> |
| 4/27/16 | 39 | <i>K-State IT</i> |
| 4/29/16 | 40 | Information Technology Infrastructure Library (ITIL) |
| 5/2/16 | 41 | Lab 7 - Backups & Monitoring |
| 5/4/16 | 42 | <i>The Practice of Sysadmin</i> |
| 5/6/16 | 43 | Final Review |
| 5/11/16 | FINAL | 11:50 AM - 1:40 PM Wed. |