**IT 3100: Systems Design and Administration I**

**Fall 2015 Readings**

**Recommended in class**
- Aug 25 [The GNU Manifesto](#)

**Student contributed notes**
- [Aug 25] None (Your notes could be here!)

**CGL’s notes**
- [Aug 24] Computer systems slides
- [Aug 26] Computer users and groups
- [Aug 28] File permissions
- [Aug 31] DNS Communications slides
- [Aug 31] DNS Authoritative Example
- [Aug 31] DNS Authoritative Master Example
- [Aug 31] DNS Authoritative Slave Example
- [Aug 31] DNS Registrar Example
- [Aug 31] DNS Debugging Tips
- [Sep 11] SMTP Discussion
- [Sep 11] SMTP Setup Outline
- [Sep 11] SMTP Example Notes
- [Sep 11] SMTP Example Screens
- [Sep 11] SMTP Debugging Outline
- [Sep 16] DNS Discussion
- [Sep 16] DNS Caching Lookup Discussion
- [Sep 16] DNS Caching Lookup Server
- [Sep 16] DNS Client Discussion
- [Sep 16] DNS Client
- [Sep 21] HTTP Discussion
- [Sep 21] HTTP Setup Outline
- [Sep 21] HTTP Example Parameters
- [Sep 21] HTTP Example Screens
- [Sep 21] HTTP Debugging
- [Sep 23] CPU Resources
- [Sep 23] Memory Resources
- [Sep 23] Disk Resources
- [Sep 23] Scheduling Tasks
- [Sep 28] Secure Communications Discussion
- [Sep 28] Serving Remote Email Clients Discussion
- [Sep 28] IMAP - dovecot imap Screens
- [Sep 28] SMTP Remote Email Auth Discussion
- [Sep 28] SMTP - exim4 remote auth Screens
- [Sep 28] SMTP/IMAP - Remote Client Configuration Discussion
- [Sep 28] SMTP/IMAP - Remote Client Configuration Screens
- [Sep 30] HTTP Scripting Discussion
- [Sep 30] HTTP Scripting Screens
- [Oct 2] Disk Management Discussion
- [Oct 2] Disk Management Screens
- [Oct 7] SMTP Satellite Discussion
- [Oct 7] SMTP Satellite Screens
- [Oct 9] DBMS Introduction
- [Oct 9] DBMS Install Steps
- [Oct 9] DBMS Install Screens
- [Oct 9] DBMS Tour of Data
- [Oct 9] DBMS Management Screens
- [Oct 9] DBMS Connection Steps
- [Oct 9] DBMS Connection Screens
General recommendations

- GNU
- Ubuntu

DNS

- BIND 9
- Are those dots important?
- Online DNS Checking tool

SMTP

- Exim
- Exim - User Authentication
- Exim - User Authentication
- Exim - User Authentication
- Exim - User Authentication

Past Readings

- 2014
- 2013