

COP4342 Unix Tools
Tentative Lecture Schedule - Spring 2025
 8am-9:15am Tuesdays and Thursdays in 307 Love

| Date | Topic |
|------|---|
| 1/7 | General Intro, Intro to Unix, Shells, Files, Basic Commands |
| 1/9 | I/O, Documentation, Shell Scripts, Variables, Arguments, Debugging, Testing Commands, Conditional Statements (out of town, recorded lecture available on class home page) |
| 1/14 | Conditional Statements, Regular Expressions, Grep, Wc, Touch |
| 1/16 | Command Substitution, For Statement, Expr, Awk |
| 1/21 | cancelled because of weather |
| 1/23 | Awk, Tr, Basename, Dirname, Sort (FSU weather closure, recorded lecture available on class home page) |
| 1/28 | Fmt, Cut, Paste, Head, Tail, Sed |
| 1/30 | Gnuplot, Split, Csplit, Uniq, Environment Variables, Aliases |
| 2/4 | Cmd Prompt, Source, Funcs, Setup Files, Xterms, History, Cmd Completion |
| 2/6 | Review |
| 2/11 | Exam 1 |
| 2/13 | Review Exam 1 |
| 2/18 | Perl Intro, Scalar Data, Operators, Strings, Scalar Variables |
| 2/20 | I/O Opers, String Operators, Control Structures |
| 2/25 | Lists+Arrays |
| 2/27 | Foreach Control Structure, More I/O, Loop Operators, Array Operators |
| 3/4 | Hashes, Formatted I/O, Pattern Matching |
| 3/6 | Pattern Matching, Substitute, Tr, Split, Join, Filehandles |
| 3/11 | no classes, Spring Break |
| 3/13 | no classes, Spring Break |
| 3/18 | Subroutines, Grep, Map, Directories+Files, Processes |
| 3/20 | Review |
| 3/25 | Exam 2 |
| 3/27 | Review Exam 2 |
| 4/1 | Lex, Make, Vi |
| 4/3 | Vi, Ctags, Vim, Gvim, GDB |
| 4/8 | GDB, DDD, diff |
| 4/10 | Configuration Management, Gprof, Latex |
| 4/15 | Latex |
| 4/17 | Latex, Related Tools, Printing, Gzip, Tar, Find |
| 4/22 | Df, Du, Od, Nm, Strip, Sftp, Scp, Process Control, Top, At, Cron |
| 4/24 | Review |
| 5/1 | Final Exam 7:30am-9:30am |