

CS 2351: Unix Programming

Required Course: Not a required course and does not serve as a CS elective

Course Number: CS 2351

Course Name: Unix Programming

Credit Hours: 3

Lecture Hours: 3

Lab Hours: 0

Instructors: Ashwin Kannan

Book Title(s): Unix Operating System

Book Author(s): Yukun Liu, Yong Yue, Liwei Guo

Book Year(s): 2011

Course Description: The UNIX programming system. The programming environment. The UNIX file system and the shell. Use of pipes and filters.

Course Prerequisites: CS 1113 or EET 2303

Course Goals: Learn UNIX commands

Course Topics:

- Vim editor
- Unix commands
- Directory, Unix file system
- Head, tail, cut and paste
- Korn shell
- Features of .profile and .kshrc
- Usage of quotes, relational operators
- C shell
- Goto, if, it-then-else-endif
- Bash, control statement
- Basic input output features C and java