

SPRING 2016

Computer Science Special Topics

CS 491-3 / CS 306-1

Monday, Wednesday, Friday

3:00 – 3:50 p.m.

Faner 1326

Instructor - TBA

Linux/UNIX Programming

This course will prepare students to develop software in and for Linux/UNIX environments. Topics to be covered include basic operating system concepts, effective command line usage, shell programming, the C language, programming development tools, system programming, network programming (client-server model and sockets), and GUI programming.

Prerequisite: CS 220 with a grade of “C” or better

Textbooks:

Jones, M. Tim. Gnu/LINUX Application Programming, 2nd edition. ISBN 9781584505686.

Matthew. Beginning Linux Programming, 4th edition. ISBN 9780470147627.