FALL 2020
Computer Science
Special Topics

CS 491-1 / CS 306-1
Tuesday/Thursday
3:35 - 4:50 p.m.
EGRA 207
Lab – Mondays 3:00-3:50 PM in EGRA 408
Instructor – Dr. Norman Carver

<u>Linux/UNIX Programming</u>
(Graduate Category 2)

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, Charles River Media, 2008. ISBN 9781584505686.

Stones, Richard and Matthew, Neil. *Beginning Linux Programming*, 4th edition, Wrox, 2007. ISBN 9780470147627.