

# SPRING 2017

## Computer Science Special Topics

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### **CS 491-2 / CS 306-1**

Monday, Wednesday, Friday

3:00 – 3:50 p.m.

EGRA 207

Instructor – Norman Carver

### **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; or Graduate Standing for CS 491-2.

**Textbooks:**

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

Matthew. Beginning Linux Programming, 4<sup>th</sup> edition. ISBN 9780470147627.