CPET 252C : Networking and Internet Technologies

Provides the student knowledge and skills in a diverse range of topics including structured query language, client-server programming, selected internet applications, and LAMP. SQL subtopics include relational database concepts, the SQL language and relational database design. Client server programming is studied in C++ using socket APIs and Java using socket classes. Selected internet applications include domain name system, hypertext transfer protocol, and file transfer protocol. LAMP topics include a Linux overview, Apache web server configuration, dynamic web pages using PHP, and MySQL relational database. Each student is also required to define, implement, demonstrate, and present a networking project.

Credits 4
Lab/Practicum/Clinical Hours 3
Lecture Hours 3
Prerequisite Courses
CPET 107C
CPET 125C