

COMPUTER SOFTWARE ENGINEERING (CEN)

CEN4341 PLATFORM TECHNOLOGIES (3.00 Credits)

IT professionals will encounter a variety of platforms in their career. The role of the IT professional is to select, deploy, integrate and administer platforms or components to support the organizations IT infrastructure. This knowledge area includes the fundamentals of hardware and software and how they integrate to form essential components of IT systems.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00

Complete all the courses in the following option:

- Option 1 - Prerequisite: CNT3504C (minimum grade: C) and CNT3604 (minimum grade: C)

CEN4353C WEB DEVELOPMENT III (3.00 Credits)

This course introduces students to the database portion of a web application, and students will learn about Project and Product Management in web design.

Total Contact Hrs: 48.00

Lecture Hrs: 24.00

Lab Hrs: 24.00

Fees: LABORATORY FEE \$36.00

Complete all the courses in the following option:

- Option 1 - Prerequisite: COP3809C (minimum grade: C) and ISM3212C (minimum grade: C)

CEN4354C WEB DEVELOPMENT IV (3.00 Credits)

This course covers Advanced Front End Web Development, and will dive deeper into the popular front end frameworks that shape the web today. Specific topics will be covered based on current web development need, as well as current trends in the job market.

Total Contact Hrs: 48.00

Lecture Hrs: 24.00

Lab Hrs: 24.00

Fees: LABORATORY FEE \$36.00

Complete all the courses in the following option:

- Prerequisite: CEN4353C (minimum grade: C)

CEN4722 HUMAN COMPUTER INTERACTION (3.00 Credits)

This course will provide the student the necessary elements in understanding and accomplishing the Human Computer Interaction in the area of Information Technology. The student will learn user centered methodologies in the design, development, evaluation and employment of application and system software.

Total Contact Hrs: 48.00

Lecture Hrs: 48.00