

# INFORMATION SYSTEMS-SO CAMPUS (INS)

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## **INS 181C Computer Programming I 3 Hours**

This course provides an introduction to program design and development. A structured approach to problem solving, program definition and design methodologies is stressed. The student will be assigned several programming problems.

**Prerequisite(s):** (DMA 096C with a minimum grade of C or MPE - Algebra with a score of 14 or SAT Mathematics Score with a score of 510 or ACT Math with a score of 22 or KYOTE College Algebra with a score of 14 or Compass - College Algebra with a score of 50 or MATH 100 with a minimum grade of C or MA 100C with a minimum grade of C)

*Recent Term(s) Offered: None*

## **INS 182C Computer Operating System 3 Hours**

This course provides a thorough study of an operating system command set. This includes topics in file management, disk organization, memory management, virus safeguarding and system configuration.

*Recent Term(s) Offered: None*

## **INS 270C Electronic Spreadsheets 3 Hours**

This course provides the student the foundation needed to utilize a spreadsheet for business applications. Design concepts, databases, charts and macros will be examined thoroughly along with the major built-in functions. Students will design several spreadsheets both in and out of class to solve specific business problems.

*Recent Term(s) Offered: None*

## **INS 272C Database Management 3 Hours**

This course addresses the design and maintenance of a database system. Topics of emphasis are writing of data queries, data redundancy and validation, sorting, reporting, and database programming. The student will design, create and manipulate several databases and also write database programs.

*Recent Term(s) Offered: None*

## **INS 275C Web Page Design 3 Hours**

Covers web page design concepts and practice. Students will utilize software to design web pages and web sites that are attractive, user friendly, and functional. Emphasis is on both planning and creating a web site.

*Recent Term(s) Offered: None*

## **INS 281C Computer Programming II 3 Hours**

This course is a continuation of INS 181. An introduction to simple data structures and their applications is included. The student will be assigned several programming problems.

**Prerequisite(s):** INS 181C

*Recent Term(s) Offered: None*

## **INS 285C Advanced Software Applications 3 Hours**

This course provides the opportunity for the students to install, configure, evaluate and use a variety of software applications on single user systems and in a network environment. Software proficiency is emphasized as the need for end-user support is vital in both networked and stand-alone systems. This course will provide problem recognition and problem resolution experience at the system and application level.

*Recent Term(s) Offered: None*

## **INS 288C Network Administration 3 Hours**

This course provides the student the opportunity to analyze a system at the network operating system (NOS) level. A NOS will be available for installation providing client/server administration experience. Various network analysis problems will be examined. Study of the design of local area networks and wide area networks will be included as will maintenance issues.

**Prerequisite(s):** INS 182

*Recent Term(s) Offered: None*

## **INS 290C Internship-Information Systems 3 Hours**

Provides the advanced student with a practical working-learning opportunity. Periodic seminars and outside assignments related to the job are required. Note: Permission from program advisor.

*Recent Term(s) Offered: None*