CIT 228 - ADVANCED DATABASE SYSTEMS

Course Description

This course builds upon database knowledge gained in CIT178 by extending into other data sources and connection technologies. Students will be able to identify and evaluate data options and access data via code. Group 2 course.

Credit Hours

3

Contact Hours

4

Lecture Hours

2

Lab Hours

2

Required Prerequisites

CIT 110, CIT 180 and either CIT 178 or CIT 248, all with a grade of 2.0 or higher.

General Education Outcomes supported by this course

Critical Thinking - Direct

Course Learning Outcomes

Knowledge:
 • Describe how to connect and update database files through code.

Application:
 • Use scripts to modify database files.

Integration:
 • Use scripting languages to code a series of complex database tasks.

Human Dimension:
 • Give and receive feedback in an appropriate manner.

Caring - Civic Learning:
 • Describe security problems with modifying database files in server-side web programming.

Learning How to Learn:
 • Engage in self-directed learning.