



CIT 122: Information Technology Fluency II

This course introduces students to logic and problem solving in the computing environment. Students develop a basic idea of programming, communicating with data, debugging, and solving computing problems. Students continue to acquire the intellectual knowledge as well as the concepts, skills, and capabilities essential to a deep understanding of information technology. This course is the second of three courses needed to fulfill this objective. Prerequisite: CIT 121 or permission of the instructor. Three lecture hours per week. Instructional Support Fee applies. Gen. Ed. Competencies Met: Information Literacy.

Course Student Learning Outcomes

1. Effectively read, write and evaluate algorithms.
2. Design and create effective databases.
3. Effectively structure and execute Structured Query Language (SQL) queries.
4. Optimize data structures and tables that eliminate duplication, unnecessary data entry.
5. Explain the rules of relational database and database normalizations.
6. Create and publish HTML pages which contain Embedded JavaScript.

Credits: 3

Program: Computer Information Technology