

Course Title: IST 107 Database Management

Course Leader: Margaret Spivey

Expected Learning Outcomes for IST 107 Database Management

- Manipulate data without redundancy by defining relationships between sets of data.
- Create and modify the structure of tables, create and edit data, sort, indexing, and query a database.
- Develop skills in creating and maintaining forms, reports and HTML pages.

Assessment

(How do students demonstrate achievement of these outcomes?)

Exams and projects are based on a Microsoft approved textbook that can be used to take the Microsoft Office Specialist national certification exam.

Validation

(What methods are used to validate your assessment?)

Microsoft Office Specialist Exam skill standards—expert were reviewed for course content to be included in the course.

Many area businesses send their employees to HCC to take this course. This course prepares the student to use Microsoft Access in the workplace.

Results

(What does the data show?)

Students complete ten chapters of the Microsoft approved textbook. Students complete two case problems per chapter. Students complete three exams for the course.

92% received passed the course; 8% failed the course.

Follow-up

(How have you used the data to improve student learning?)

Students prefer creating entire case studies for purposes of an exam as opposed to online testing. Many questions raised in the classroom related to the workplace. HCC continues to staff the area offices with the most current knowledge of Access.

The Advisory Committee recommended changing to the newest version of Microsoft Office—Office13.

Budget Justification

(What resources are necessary to improve student learning?)

Upgrade all labs to Office13