CSCI N207 Data Analysis with Spreadsheets

Class Orientation

Lingma Acheson
Department of Computer and Information Science
IUPUI
About this Video

- N207 orientation video
  - Should have watched the general orientation video for the Distributed Education courses.
  - Give you specific information about this class.
  - Give you password for the orientation quiz.
What this class is about?

• Data
  – Where data is stored?
  – How data is entered?
  – How data is stored?
  – How data is retrieved?

• Analysis
  – Data analysis in databases
  – Data analysis using spreadsheets
  – Reports generating

• Problem Solving Strategy
Tools to be Used

- **Database**
  - Microsoft Office Access
    - Accessible
    - Graphic Interface
    - Integration with Excel

- **Spreadsheets**
  - Microsoft Office Excel
    - Accessible
    - Widely used
    - Powerful analysis functions
    - Integration with Access
Tools to be Used

- Where to get the tools?
  - They come with Microsoft Office Suites.
  - Installed on most of the computers on Campus.
Goal

- Goal of this class
  - Problem solving technique
  - Fundamental theories in the areas of database and data analysis
  - Applications in database and data analysis
  - Database design, implementation and data retrieval
  - Elementary to intermediate level of data analysis
  - Data analysis reports
Orientation Quiz

• What is in the orientation quiz?
  – General orientation video
  – Class orientation video
  – Class syllabus

• Password for taking the orientation quiz – (Watch the orientation video!)