Module: Cybercrime Investigation Database Development

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http://stetson.us.to/cic

STETSON UNIVERSITY
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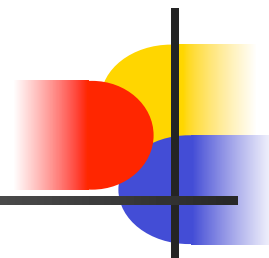Center for Business Intelligence and Analytics

Sample Modules (1)

- Creating and Formatting a Spreadsheet
  - Team work: Creating an Excel spreadsheet for cyber crime investigation
  - BOK: data type, usage in Excel
  - Ex: Book - Excel Tutorial 1
- Using Functions in a Spreadsheet
  - BOK: representation of formula, computation with formula
  - Video: <u>Excel function</u>
  - Ex: Book – Excel Tutorial 2

Sample Module (2)

- Designing a Database
  - Teamwork: Listing the entity types and fields for a cyber crime investigation DB
  - Video: DB design in MS Access
  - BOK: data type used in DB, field design, MS Access table creation
  - Ex.: Book - Access Tutorial 1

Evaluation of Learning

- SAM 2010 Portal
  - http://www.cengage.com/samcentral/
  - A commercial website associated with the textbook
  - Provide strong support
    - http://cengage.com/coursecare/
  - Each student buys a license to access the portal
  - Automated grading of student submission (Word, Excel, Access, PowerPoint)
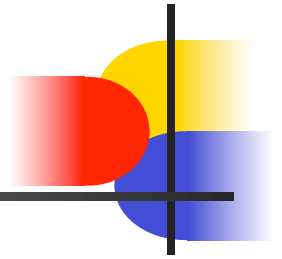
Implementation of Modules

- "Microcomputer Applications in Business," Spring 2013
  - A freshman / sophomore course
- Cyber crime investigation support is a theme used in the module development
- Video, group activities, textbook tutorials, and exercises were used
- Evaluation of learning done in SAM portal
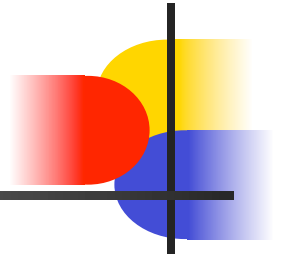
Module Evaluation Plan

- Student learning outcomes
- Student feedback
  - Helpfulness of modules
  - Connection with BOK
  - Satisfaction
- Instructor feedback
- Community feedback

Ongoing and Future Works

- Module Packaging
- Organizing and disseminating modules
- Evaluating modules
- Community adoption