

CSI 3520: Systems Analysis

Credits Hours: 4 credits, 3.57 contact hours/week.

Instructor: Preston Brooks, M.S.

Text book: N/A

Specific course information

Introduction to pervasive themes in information technology. Topics include history of information systems, information management, and complexity management, methodologies for information centric requirements analysis, work flow analysis, and tools for system analysis.

Prerequisites: major standing

Required course for IT major

Course Objectives: Upon successful completion of this course, students should be able to

- Apply structured analysis and design methods [ABET IT: (b, c)]
- Analyze and design object-oriented systems [ABET IT: (b, c, k)]
- Compare and choose appropriate methods, tools, and techniques for systems analysis and design [ABET IT: (i, j)]
- Collaborate as a team member in analysis and design activities [ABET IT: (d)]
- Plan and manage information system projects throughout the development life cycle [ABET IT: (n)]

List of Topics:

- History of information systems
- Information management
- Complexity management
- Methodologies for information centric requirements analysis
- Work flow analysis
- Tools for system analysis