CS360
Business Information Systems
Analysis and Modeling

Orientation
Course Objectives

* learn principles and skills essential to building information systems and partnering in development projects
  * capture business understanding
  * document same concisely and clearly
    * using forms and tools familiar to users and colleagues
* lay out architectural options and tradeoffs
  * based on technology capability and limitations
  * contribute to cost effective team decisions
  * optimizing an integration of IS technology with business practice
* prepare yourselves for careers involving IS project and system development activities
Capability Targets

- document business practice and information requirements
- determine feasibility of applying IT to business problems
- discern data resources with their relationships and information system / user interactions
- identify business rules governing system processes
- assess the economic impacts of an IS on a business situation
CS360 Context

Applied Software Project Management

Business Systems Analysis and Modeling

Introduction to Data and Information Management

Programming Fundamentals
Each student is evaluated using:

- tests covering the principles, vocabulary, theory and skills of IS analysis and design based upon lectures
- group learning exercises and individual projects using analysis skills and modeling techniques
- subjective assessment of class contribution and project effort

Test 1 - 10%
Test 2 - 20%
Test 3 - 30%
Homeworks - 30%
Participation - 10%
What you can expect!

* the content in this course is based on current practice in business IS projects

* your grade will reflect “what you understand” and “what you can do;” not just “what you recognize!” ACTIVE learning is required!

* the course texts are intended as resource materials that supplement the primary content presented in the lectures with slides/media

* several teaching approaches (lectures, learning teams, homework, projects, quizzes) will be used to accommodate a variety of learning styles
Synchronization

- Course overheads will be made available 36 hours prior to class via the course website: cis.bentley.edu/lwaguespack
- EMail may be sent to LWaguespack@Bentley.edu
- Include “CS360_xxx” in the subject line (xxx = 001 or E02)
- Makeup exams are not possible without prior arrangement
- Absences are assumed to reflect a lack of commitment to the course