INTRODUCTION TO FUNDAMENTALS OF BUSINESS INFORMATION SYSTEMS

Summer 2010

Business Information Systems & Concepts

Why study business concepts and information systems?

“I can program, develop, etc. but that does not mean much when there is a huge jargon barrier. Finance people do not think in variables and methods!”
Course Topics

Business Concepts and Strategies

Business Processes

- Procurement process
- Fulfillment process
- Production process

Information Systems

Things you need to know

Course Syllabus
Course Policies

Assignments:
- Stay current in reading, homework
- Participate actively in team project
- Demonstrate learning and reflection in reporting

Participate in class. Ask questions! Contribute your ideas!
Course Structure

Simulating organization information handling

Information Systems

Contemporary IS types/categories

- Enterprise Resource Planning (ERP)
- Customer Relationship Management (CRM)
- Supplier Relationship Management (SRM) / Supply Chain Management (SCM)
- Product Lifecycle Management (PLM)
- Business Intelligence (BI)
- And more...

What is Enterprise Resource Planning (ERP)?

______________ set of _______________

providing ability to ________________ into a complete chain,

employing ______________________,

supporting ______________________, and

providing high ____________________ among sales, marketing, manufacturing, operations, logistics, purchasing, finance, and human resources,

enabling people to run their businesses with high levels of ____________________,

while simultaneously ____________________.

Based on ERP: Making it Happen by Wallace and Kremzar
Key ERP Attributes

- Integrated
- Available
- Real-time
- Unified
- Single Storage
- Interface-able
- Adaptable
- Extendable
- Secure

What is the value of ERP?

Improved:

Faster: