

IS-3150 INFORMATION SYSTEMS IN BUSINESS

SYLLABUS AND SCHEDULE

Course Description

This course is an introduction into the technologies, applications, and the management of Information Systems in organizations. It is designed to provide the necessary framework to guide you to understand and effectively address the issues pertaining to the discipline of Information Systems.

It is interesting to note that vast majority of IS decisions are NOT technical decisions but business decisions involving people, policies, processes, procedures, and financial analysis. (e.g., How much should we spend on IT (Information Technologies)? What level of service do we need from our information systems to support business objectives? How could the company change its business processes to maximize the productivity by introducing new IT? What is the breakeven analysis for a new systems implementation?).

You, as a business manager, will need to make those decisions in the environments of integrated and connected businesses. Successful business model requires a combined effort of both management and information technology vision. To be able to participate in such efforts, you will need to understand IS fundamentals.

Course Information

Course code: IS 3150-01
credits: 5
Class times: online

Instructor Information

Instructor: James Lee
Email: leej@seattleu.edu
Office: PIGT 430

Learning Outcomes

On successful completion of this course, you will become a

- The prospective manager who can use business analytics in the everyday conduct of running a business.
- The prospective manager who can utilize business analytics to support decision making.
- The prospective manager who can manage the business analytics function in an enterprise.

Core Curriculum Learning Objectives

This course helps students

1. Talk: Terminology. You will be able to explain the meaning of terms used to describe IS concepts and technologies.
2. Think: Advanced Information Systems Concepts. You will be able to evaluate the ways in which IS is used in business.

3. Practice: Skill. You will be able to analyze information systems using the conceptual model and the physical model.
4. Build: Systems Development. You will be able to design and implement information systems.
5. Manage: You will be able to identify and suggest appropriate responses to managerial and organizational issues stemming from development, implementation, and use of IS.

Required readings and materials

There is NO textbook required, however, all lectures, reading materials, and video sources are posted on the Canvas Course Web. You can visit each week's module. A module page provides lecture notes, reading assignments, video assignments, and each module discussion and assignment.

- Canvas website: <http://seattleu.instructure.com>

Course Policies

- No late submissions, no make-ups, and no late work will be accepted.
- Email (leej@seattleu.edu) is the best way to reach me. Commenting on the Canvas items (such as assignments) would be hindered and often delayed for taking my attentions. Please, use email as a primary communication channel. Email messages will be replied within a day (24 hours) at most, excluding weekends.
- Academic Honesty Policy: While I encourage cooperative learning, I expect all students to submit only work they alone have created. Submitting work authored or created by others anywhere (including the Web), without appropriate reference and credit, will be treated as academic dishonesty resulting in dismissal from the course.

Academic Resources

- Library and Learning Commons (<http://www.seattleu.edu/learningcommons/>)
(This includes: Learning Assistance Programs, Research [Library] Services, Writing Center, Math Lab)
- Academic Integrity Tutorial (found on Canvas and SU Online)

Academic Policies on Registrar website

(<https://www.seattleu.edu/redhawk-axis/academic-policies/>)

- Academic Integrity Policy
- Academic Grading Grievance Policy
- Professional Conduct Policy (only for those professional programs to which it applies)

Notice for students concerning Disabilities

If you have, or think you may have, a disability (including an 'invisible disability' such as a learning disability, a chronic health problem, or a mental health condition) that interferes with your performance as a student in this class, you are encouraged to arrange support services and/or accommodations through Disabilities Services staff located in **Loyola 100, (206) 296-**

5740. Disability-based adjustments to course expectations can be arranged only through this process.

Office of Institutional Equity

Title IX of the Education Amendments of 1972 (Title IX) prohibits discrimination based on sex in educational programs or activities that receive Federal financial assistance. This prohibition includes sexual misconduct, which encompasses sexual harassment and sexual violence. Seattle U remains committed to providing a safe and equitable learning, living, and working environment. Seattle U offers emergency, medical, and other support resources, as well as assistance with safety and support measures, to community members who have experienced or been impacted by sexual misconduct.

Seattle U requires all faculty and staff to notify the University's Title IX Coordinator if they become aware of any incident of sexual misconduct experienced by a student.

For more information, please visit <https://www.seattleu.edu/equity/>. If you have any questions or concerns, you may also directly contact the Title IX Coordinator in the Office of Institutional Equity (**email:** ojie@seattleu.edu; **phone:** 206.296.2824) University Resources and Policies

Grading

Component	Points Each	Total	Percent
Weekly Discussions (x 10)	35	350	35%
Weekly Assignments (x 10)	40	400	40%
Excel Projects (x 4)	50, 50, 50, 100	250	25%

Note. You are guaranteed to be awarded an A grade if you get over 96.000% overall, at least a B if over 84.000%, and at least a C if over 72.000%.

Course Schedule

Week	Topics
1	Hardware
2	Software
3	Data Management
4	Information Systems
5	Networking
6	Security
7	The Web
8	Apps
9	Cloud Computing
10	Data Analytics