



## COURSE DESCRIPTION

Code	Course Title	Semester hours	URL if any
IS200	Information systems Theory and Practice	60	

### Catalog Description

This course provides an understanding of organizational systems, planning, and decision process, and how information is used for decision support in organizations. It covers quality and decision theory, information theory, and practice essential for providing viable information to the organization. It outlines the concepts of IS for competitive advantage, data as a resource, IS and IT planning and implementation, change, and project management.

### Textbook

Information systems: Theory and Practice. By J.G. Burch, and G. Grudnitski. John Wiley and Sons Ltd.

### References

- Introduction to Information Systems, 14/e. By James A. O'Brien and George Marakas, McGraw-Hill, 2008. ISBN: 0073402923.
- Management Information Systems: Managing the Digital Firm & Multimedia, 10/E. Jane P. Laudon and Kenneth C. Laudon. Prentice Hall, 2007.
- Fundamentals of Information Systems, 4th Edition by Ralph Stair and George Reynolds, 2007.

### Course Goals

- To expose students the theory of the Information systems discipline. Application of these theories to the success of organizations and to the roles of management, users, and IS professionals are presented.
- To present the basic concepts for use in subsequent courses: the systems point of view, the organization and development of a system, information flows, the nature of information systems, and basic techniques for representing systems structure.
- Learning, goal setting and achieving, decision making, and other characteristics of individuals, groups, and teams are explored.
- Organizational models and planning are presented.
- Quality concepts are explained.
- IS planning and development activities are explored in the organizational context of management and users.
- Cross-functional management and user teams are discussed.

### Prerequisite

None