

# - Elective

Substitutable Courses: No

Transfer Credit: CA, CGA, CMA

Special Notes:

Originally Developed: September 1994

EDCO Approval: February 2003

Chair's Approval:

**Professors**

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**Learning Outcomes**

Upon completion of this course students will be able to:

- Describe the components of a computer-based information system.
- Describe the types of information systems being used by small-to-large enterprises.
- Design computer-based solutions to typical business problems, including the use of mobile technologies, networks, databases, and Internet-based cloud services.
- Document the role of a business analyst in the evaluation of business processes, and in the selection and/or development of an information system.
- Apply decision support tools, such as Microsoft Excel's Solver, or knowledge-based systems, such as expert systems and AI, in solving business and optimization problems.
- Create entity-relationship diagrams that solve database management problems.
- Create database systems using relational database management software, such as Microsoft Access, for storing, retrieving, and reporting on captured data.
- Evaluate emerging information technologies to determine their impact on business.
- Describe strategic and managerial issues related to information systems projects, including planning, budgeting, managing, auditing, and evaluating IT/IS systems.
- Evaluate IT/IS security, backup, and control measures, including disaster preparedness.

**Course Objectives**

This course will cover the following content including:

- *Please refer to the course schedule and Moodle for weekly topics and course objectives.*





## **SKILLS ACROSS THE BUSINESS CURRICULUM**

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The Okanagan School of Business promotes core skills across the curriculum. These skills include reading, written and oral communications, computers, small business, and academic standards of ethics, honesty and integrity.

## **STUDENT CONDUCT AND ACADEMIC HONESTY**

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### **What is the Disruption of Instructional Activities?**

At Okanagan College (OC), disruption of instructional activities includes student “conduct which interferes with examinations, lectures, seminars, tutorials, group meetings, other related activities, and with students using the study facilities of OC”, as well as conduct that leads to property damage, assault, discrimination, harassment96 36 72lse8.9(ude  
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