

## **Syllabus**

**Course Number: CIS 480**

**Course Title: Managing Technology for Business Strategies**

### **Course Description:**

Provides executive perspective on management information systems, systems analysis and database management. Develops an understanding of strategic issues underlying information systems technical issues in developing systems. Covers strategic issues related to critical business success factors. Includes information's role in competition, industry leadership, and business planning. Covers alternative development methods and addresses issues of databases, project management, and functional management.

NOTE: Not for CIS, CS or CN majors.

### **Prerequisite Courses:**

None

### **Course Outcomes:**

Upon the completion of this course, learners should be able to:

1. Assess the impact of Social Media and Mobile Computing on both business and Information Technology.
2. Utilize an Information Technology Development model in the construction of a specific business web site.
3. Discuss the ethical consequences associated with the use of technology from a business and Information Technology perspective.
4. Explore the tactical and strategic contributions of Information Technology to business.
5. Research an Emerging Technology and describe how that technology impacts business and Information Technology.
6. Explain the impact that data management, data security, and data access has on a business and Information Technology from a decision making perspective.
7. Design an e-Commerce site based on specific customer requirements.
8. Analyze the Enterprise Resource Planning Model to determine the impact this model has on both Information Technology and business.

## Course Materials:

### *Required Texts:*

#### *Required Text*

Belanger, F., Slyke, C., & Crossler, R. (2016), *Information systems for business: An experiential approach*, Prospect Press.

ebook ISBN: 978-1-943153-00-8.

Print ISBN: 978-1-943153-01-5.

This book is offered at the student-friendly price of \$42 for an eText and \$55 for the print version. For more information and to order visit <http://ProspectPressVT.com/titles/Belanger-2e/>.

### *Optional / Suggested Resources:*

Adobe Acrobat Reader, RealPlayer

### *Technology Tools:*

Students can obtain free copies of Microsoft Office Suite applications, Access, Project, Visio, etc. to support your work in this class through our academic alliance with Microsoft (MSDNAA). Please email the MSDNAA Administrator ([msdnaa@regis.edu](mailto:msdnaa@regis.edu)) with your name and course number. You will receive an email from the Administrator that provides you with a link to the Microsoft DreamSpark website and instructions. These copies are valid for one year.

### **Pre-Assignment:**

**Online Format:** Sign on to D2L (Home Page) and become familiar with the course navigation of the Online Curriculum. Complete the assigned readings in the Course Activities and Assignments table below for Week

**Classroom-based Format:** Complete the assigned readings in the Course Activities and Assignments table below for Week

### **Pre-Assignment Due Dates:**

**Classroom-based Format:** This assignment is due the first night of class.

**Online Format:** The instructor will specify the due date for this assignment.

### Course Assignments and Activities:

Week	Topics	Readings *see Required Resources above	Assignments and/or Assessments
1	Value of Information Intro to Information Systems	Belanger: Chapters 1 & 2	Introduction Current Events Discussions  Review Course Project Requirements (no deliverables)
2	Evaluating Information Gaining Strategic Value from Information	Belanger: Chapters 3 & 4	Current Events Discussions  Begin (Group): Course Project
3	Storing and Organizing Information  Analyzing Information for Business Decision Making	Belanger: Chapters 5 & 6	Current Events Discussions  Written Assignment (Individual): Emerging Technology –  Group Project continues
4	Transmitting Information	Belanger: Chapter 7	Current Events Discussions  Group Project submission  Quiz on readings Chapters 1-7
5	Securing Information  Protecting the Confidentiality and Privacy of Information	Belanger: Chapters 8 & 9	Current Events Discussions  Group Project continues  Written Assignment

			(Individual): Enterprise Applications, E-commerce or Social Media
6	Developing Information Systems  Information-Based Business Process	Belanger: Chapters 10 & 11	Current Events Discussions  Group Project continues
7	Enterprise Information Systems  Information for Electronic Business	Belanger: Chapters 12 & 13	Current Events Discussions  Group Project submission  SAP Business Objects Analytics exercise
8	Information and Knowledge Management for Business Decision Making	Belanger: Chapter 14	Current Events Discussions  Written Assignment Final paper  Quiz on readings Chapters 8-14

### Student Evaluation Grid:

Assignment	Value (percent of overall course grade)
Discussions (2.5 points each x 8 = 20 Points)	20%
Individual Assignments (10 points each x 2 = 20 Points)	20%

Group Course Project (total 100 points) <ul style="list-style-type: none"> <li>• Week 5 submission (45 points)</li> <li>• Week 8 submission (45 points)</li> <li>• Winning team (10 points)</li> <li>• Runner up (5 points)</li> <li>• Others (0 points)</li> </ul>	<b>20%</b>
SAP Business Objects Analytics exercise	<b>8%</b>
Final paper	<b>12%</b>
Quizzes, weeks 4 and 8 (10% each)	<b>20%</b>
<b>Total</b>	<b>100%</b>

### CC&IS Grading Scale

Letter Grade	Percentage	Grade Point
A	93 to 100	4.00
A-	90 to less than 93	3.67
B+	87 to less than 90	3.33
B	83 to less than 87	3.00
B-	80 to less than 83	2.67
C+	77 to less than 80	2.33
C	73 to less than 77	2.00
C-	70 to less than 73	1.67
D+	67 to less than 70	1.33
D	63 to less than 67	1.00
D-	60 to less than 63	.67
F	Less than 60	0

Additional information about grading can be found in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx>.

## **CC&IS Policies and Procedures**

Each of the following CC&IS Policies & Procedures is incorporated here by reference. Students are expected to review this information each term, and agree to the policies and procedures as identified here and specified in the latest edition of the University Catalog, available

at <http://www.regis.edu/Academics/Course%20Catalog.aspx> or at the link provided.

- The CC&IS Academic Integrity Policy.
- The Student Honor Code and Student Standards of Conduct.
- Incomplete Grade Policy, Pass / No Pass Grades, Grade Reports.
- The Information Privacy policy and FERPA. For more information regarding FERPA, visit the [U.S. Department of Education](#).
- The HIPAA policies for protected health information. The complete Regis University HIPAA Privacy & Security policy can be found here: TBD
- The Human Subjects Institutional Review Board (IRB) procedures. More information about the IRB and its processes can be found here: <http://regis.edu/Academics/Academic-Grants/Proposals/Regis-Information/IRB.aspx>.
- The CC&IS Policies & Procedures Syllabus Addendum summarizes additional important policies including, Diversity, Equal Access, Disability Services, and Attendance & Participation that apply to every course offered by the College of Computer & Information Sciences at Regis University. A copy of the CC&IS Policies & Procedures Syllabus Addendum can be found here: <https://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx>.

