CASPER COLLEGE COURSE SYLLABUS
IMGT 2400 – Introduction to Information Management

Semester/Year: SPRING/2016
Lecture Hours: 3       Lab Hours: 0       Credit Hours: 3
Class Time: Online       Days: S-S       Room: Your Own!
Instructor’s Name: Eric Salveggio
Instructor’s Contact Information: Office Phone: (c) 277-3918       Email: ericsalveggio@caspercollege.edu
(c) 277-3918
Office Hours: 5-9 M-F
Course Description: Concerned with managing the use of information systems to make organizations more competitive and efficient. Specific topics include organizational and technical foundation of information systems and building and managing systems.

Statement of Prerequisites: COSC 1200

Goal: This class will discuss various business initiatives, and how technology supports this. Many in the IT field erroneously think and believe IT drives business – and quite the opposite is true. You’ll find why IT should be looked at as the underlying infrastructure that allows a business to succeed. This course will also help the student to develop basic knowledge and skills concerning:
  • the challenges offered by the development and use of information technology
  • the effects of information technology on individuals, groups, organizations, and society
  • specific technologies that enable individuals and organizations to make the most of the information age
  • social, organizational, cultural, and individual barriers to implementing information systems
  • the process of initiating, planning, analyzing, designing, testing, developing, and installing information systems

Outcomes:
  • Identify the components of management information systems, the distinction of data from information, the personal and organizational dimensions of information along with the implications of information technology on workers and our lives
  • Describe current development methodologies, and development options. Identify the phases and activities in the SDLC and explain the role of prototyping
  • Discuss the impact of information technology on decision making along with identifying the different decision support and artificial intelligence tools and the applications of these tools
  • Identify management’s role in protecting people and information along with the risk associated with information and information technology
  • Describe and contrast the models for e-commerce, e-business, and e-government with regards to business strategies, marketing approaches, financial issues, and security concerns
  • Define the key characteristics of relational databases. Discuss business intelligence, databases, data warehouses, data marts, and analytical tools as they apply to organizational roles and business processes
  • Identify and describe the social impact and business value of emerging technology trends.
Describe the legal and ethical issues in Information Management along with the global and local business implications of intellectual property, copyrights, and fair use doctrine.

Explain how a competitive advantage is built through business intelligence and the use of CRM, SCM, ECE, a ERP systems

Discuss the differences among the various types of IT infrastructure along with the need for integrated enterprise systems. Explain the effective use of backup, recovery and a disaster recovery plan

Demonstration effective oral and written communication

Use appropriate technology and information to conduct research

Solve problems using critical thinking and creativity

Use quantitative analytical skills to evaluate and process numerical data

Specific Skill objectives include:

- Using spreadsheet applications, derive common business measures using nested and user defined function on sets of data and analyze using appropriate analysis tool such as: pivot tables, filtering, conditional formatting, and graphs
- Create a relational database from standard design specifications with referential integrity and data validity checking.
- Create information using multiple table queries with sorting/ordering and derived attributes.
- Create and maintain a multiple page personal website with navigation and multiple file components using industry accepted standards.
- Create effective presentations using animation, graphics and narration.

Set up and effectively use an interactive communication environment.

**Methodology:**
This is a lecture based class. In addition to the classroom setting, this class utilizes two websites, the Moodle website, which contains information about quizzes and exams, and the McGraw Hill “Connect” website, which contains most of the assignments, quizzes and exams. You **must** access the Connect website to complete these assignments. Each week is clearly identified so it should be easy to find the required assignments. You will need to create a profile for yourself in Connect using the access code from your textbook. If you purchased a used book, you can purchase the access code separately. The link for the McGraw Hill Connect website is at the top of the Moodle website.

**Course Objectives:** The overall objectives of this course is to introduce the student to a world where looking at IT as a means to the business end is approached. The student will be exposed to the concept that the business line is what drives IT – and how the use, or lack of technology can either make, or break, any business.

**Methodology:** This course will be a combination of online lecture, online research, and lab simulations. Your feedback is valuable as the instructor uses course evaluations in determining course methodology.

**Evaluation Criteria:** Participation is a critical part of this course! If you’re not here, you’re missing a lot of info, and obviously not participating. As such, you will be graded on your participation for the weekly discussions. There will be a midterm, final, and 3 projects.

**Participation = 10%; 3 Exams = 6% Midterm = 4%; Final = 20%; 5 Projects (12% ea) = 60%**
Casper College General Education Outcomes: As graduates of Casper College, students will be able to:
1. Demonstrate effective oral and written communication
2. Use the scientific method
3. Solve problems using critical thinking and creativity
4. Demonstrate knowledge of diverse cultures and historical perspectives
5. Appreciate aesthetic and creative activities
6. Use appropriate technology and information to conduct research
7. Describe the value of personal, civic, and social responsibilities
8. Use quantitative analytical skills to evaluate and process numerical data

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

The grading scale is as follows:

A............... 90-100%
B ............... 80-89%
C .............. 70-79%
D............... 60-69%
F ................ 0-59%


Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: April 14, 2016 is your last date to withdraw from this course.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student’s assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor
is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

**Calendar or schedule indicating course content:** (be as complete here as possible, at least a grid showing week by week topics to be covered, assignments, due dates, readings etc. This can always be modified with a new handout later in the semester – better to send out a revised schedule than to trust verbal announcements by themselves)

**Tentative Schedule**

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<thead>
<tr>
<th>Week 1</th>
<th>Jan 18 - Welcome and introductions/ class overview</th>
<th>Chapter 1: Management Info Systems</th>
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<tbody>
<tr>
<td>Week 2</td>
<td>Jan 25 - Chapter 1 continued; Project 1: TBA</td>
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<td>Week 3</td>
<td>Feb 1 - Chapter 2: Decisions and Processes</td>
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<td>Week 4</td>
<td>Feb 8 – Chapter 2 Cont.; Project 2: TBA</td>
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<td>Week 5</td>
<td>Feb 15 - Chapter 3: E-Business</td>
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<td>Week 6</td>
<td>Feb 22 – EXAM 1, and Project 3: TBA</td>
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<td>Week 7</td>
<td>Feb 29 – Chapter 4: Ethics and InfoSec</td>
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<td>Week 8</td>
<td>Mar 7 - MIDTERM</td>
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<td>Week 9</td>
<td>March 14 – SPRING BREAK</td>
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<td>Week 10</td>
<td>Mar 21 – Chapter 5: Infrastructures</td>
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<td>Week 11</td>
<td>Mar 28 – Chapter 6: Business Intelligence</td>
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<td>Week 12</td>
<td>Apr 4 – EXAM 2, Chapter 7: Networks Mobile Businesses</td>
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<td>Week 13</td>
<td>Apr 11 – Chapter 7 continued; Project 4: TBA</td>
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<td>Week 14</td>
<td>Apr 18 – Chapter 8: Enterprise Applications</td>
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<td>Week 15</td>
<td>Apr 25 - Chapter 9: Systems Development and Project Management</td>
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<td>Week 16</td>
<td>May 2 – Exam 3; Project 5: TBA</td>
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<td>Week 17</td>
<td>May 9 – FINALS WEEK</td>
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