

**Syllabus**  
**GSB 622 Management Information Systems**  
Online 7 weeks starting June 30, 2017 and ending August 22, 2017  
No breaks, no vacations -- just 7.5 weeks  
Summer 2017

**Instructor:** James Miller  
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**Cell phone:** 847-530-0550  
**Class Location:** Online only

Note: The links in this syllabus are designed to work when you are reading it from my web site [at this location:](#)

## **Text (required - pick the electronic version or one of the hard copy editions):**

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm. 13<sup>th</sup> Ed.* Prentice Hall . You can license an electronic copy for the duration of this course for about half the \$240 price of the hard copy text book. The link to license the electronic copy directly from the publisher is <http://www.coursesmart.com/0133050785>

OR

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm. 13<sup>th</sup> Ed.* Prentice Hall . Retail for about \$240.

ISBN-13: 9780133050691 - available in the Dominican Book Store.

OR

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm. 12<sup>th</sup> Ed.* Prentice Hall . ISBN 9780132142854 (13th Edition is recommended but this should work with only a few minor problems on quizzes)

[Here](#) is an analysis that compares the various Editions:

We will also utilize Microsoft Office software, especially Excel, Project and Access and Adobe Dreamweaver. This software is available in the Dominican Tech Center It is also possible to obtain trial versions of Project and Dreamweaver. Information in Canvas will help you determine when to start the trials. You can also access the software by

remotely connecting to Dominican's ACATSNEW server. This is usually easier than installing trial versions.

**Course Description:** This course explores and assesses the current and future role of information technology in business, from both a management and a user perspective. Topics include: the strategic role of IT, hardware and operating systems, software development tools and processes, relational databases, big data, data warehouses, data analytics, security concerns, ethical issues, privacy issues, enterprise applications, intelligent systems, and the role and influence of IT on business processes. Hands-on experiences include, web site creation, database, data warehouse, data analytics, and spreadsheet. Case studies are also used to facilitate discussions focused on the course topics. Case studies are also used to facilitate discussions focused on the course topics.

**Prerequisites:** GSB 611, 612, 613.

## **Class times – READ CAREFULLY**

Online participation is required from June 30, 2017 through August 22, 2017. Please be aware that you must be available to participate in weekly online discussions. **You must contribute to each Discussion Thread on at least three different days each week;** any time of day is acceptable. Each course week begins on Friday at 12:01 am and runs through to the following Thursday at 11:59 pm except the final week which ends on the last day of the academic calendar (August 22, 2017). More details by week are available [here](#).

## **Objectives:**

- Upon completion of this course, students should be able to:
  - Describe the evolution, current state, and trends in information technology as well as their business implications.
  - Explain how information systems can be used for strategic competitive advantage.
  - Identify opportunities that exist for information technology applications in a particular business environment
  - Explain the issues involved in the effective management of information system resources, processes and systems.
  - Analyze and explain the applicability of various software applications within a particular business environment, including decision support systems, intelligent systems, and executive information systems.
  - Analyze and explain the applicability of database systems and data mining within a particular business environment, and explain the requirements and challenges associated with the management of same.

- Analyze and explain the applicability of big data and data analytics within a particular business environment and explain the associated requirements and challenges.
- Assess computer security concerns and vulnerabilities associated with information technology and systems within an organization
- Develop a plan to support business process reengineering using an information systems planning approach
- Explain the relevance and evaluate the potential of e-commerce, e-business, and m-business with respect to a particular business environment
- Assess the ethical, legal, and privacy issues associated with information technology and information systems
- Demonstrate and effective use and an understanding of the applicability of various systems and tools for managing data including relational databases, data warehouses, spreadsheets, and analytical engines.

## Course Format

This online course is organized into seven module (weeks). All course materials will be available each week on the Dominican University [Canvas](https://dominicanu.instructure.com/) site (<https://dominicanu.instructure.com/>). Each week begins on Friday at 12:01 am and runs until the following Thursday at 11:59 pm. Each week there are posted online lectures, required online quizzes and assignments, and one or more online discussions. In the final week, there is also an online final exam and a short paper due. The paper should be completed over the span of several weeks, however. All assignments are submitted electronically via Canvas (instructions will be provided) and are due by no later than 11:59 pm on the appropriate Thursday.

Each week, students will be required to complete online quizzes and assignments that are available from Friday through Thursday of the appropriate week. In addition, students will be required to participate each week in each online discussion on a minimum of three different days during the week. The details for each course component requirement are provided below. Please be aware that due to the nature of the course, absolutely NO LATE discussions. Sorry, NO EXCEPTIONS. Assignments and quizzes can usually be accepted late IF you make advance arrangements with the instructor. The final exam and Short Paper cannot be accepted late because of the short period between the due date for these assignments and the date by which I must submit your grade to the Registrar.

## Evaluation: (expect minor changes during the first week)

	<p>Final course average will be based on the following:</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><b>Course Components</b></td> <td style="text-align: center;"><b>Total Maximum Points</b></td> </tr> </table>	<b>Course Components</b>	<b>Total Maximum Points</b>
<b>Course Components</b>	<b>Total Maximum Points</b>		

**Homework Assignments (Weeks 1 through 7)**

On Friday of each week, assignments will be posted on the course site. Assignments are to be submitted electronically using Canvas (not email) by no later midnight (Chicago time) on the scheduled Thursday due date. Exact instructions on how to accomplish this will be given. **Late assignments can be accepted if you obtain approval from the instructor in advance of the deadline.** Partial credit is awarded for assignments. Most assignments are worth a maximum of 14 points. Big Data assignments are worth more.

141

**Online discussion participation (Weeks 1-7 with Week 4 Optional)**

In the Online Discussion area of the course, students are required to interact with classmates to explore questions and comments related to the content of this course. Discussions will always open on **Friday at 12:01 am (Chicago Time) and close on Thursday at 11:59 pm (Chicago Time)**. A successful student in online education is one who takes an active role in the learning process. You are therefore required to participate in the discussion areas to enhance your learning experience throughout each week.

105

Online discussions are graded each week based on:

1. **Frequency**—Number and regularity of your discussion comments, and
2. **Content**—Content of your contributions

**Frequency**—Number and regularity of your contributions. Students are expected to log into the course Canvas web site and post (respond) in each of the week's threaded discussion topics on a **minimum of three** separate days per week. Note that there may be two or three discussion topics in a particular week. You are required to post at least three times in EACH threaded topic that week (so if there are two discussion topics, that would total to a minimum of six posts for the week).

**Content**— points awarded to the content of your contributions. Points are awarded based on strong evidence of reading, reflection, and careful composition. Maximum points are only awarded to posts which elaborate on previous comments with additional information contribution, or posts which present explanations of concepts or which provide clarifying examples, or posts which provide a URL and an explanation in your own words for a relevant area researched on the Internet.

**Note:** It is impossible to make up discussion points once the week ends. Weekly discussions are worth a maximum of eighteen (18)

	<p>points. Again, students are required to participate in the online discussions on at least three different days of the week in each of the Discussions identified for the week.</p> <p><b>Online Quizzes (Weeks 1 through 7)</b></p> <p>On Friday of each week an online quiz will be posted on the course Canvas site. Students should not take the quiz until the week's materials have been reviewed. The quizzes will be directly related to the posted weekly online lecture and textbook reading assignment for the week. Quizzes will be taken on the course Canvas site as indicated each week. Each week's quizzes will be worth a maximum of eighteen (18) points.</p> <p><b>Short Paper (Weeks 4 through 7 -- due Week 8)</b></p> <p>A short paper will be required where the student relates the course material to the IS/IT environment at the business where the student is presently employed or was previously employed. Details will be provided in around the fourth week of the course.</p> <p><b>Final Exam</b></p> <p>There will be an online final exam required in Week 8. Details will be provided later.</p>	<p><b>126</b> (7 weeks x 18 points)</p> <p><b>32</b></p> <p><b>40</b></p>
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## Summary of Evaluation Information (expect minor changes during the first week)

Description	Number	Points	Total	%
Homework	7		141	32%
Discussion	6		105	24%
Quizzes	7		126	28%
Short Paper	1		32	7%
Final	1		40	9%
			400	100.0%

**At the end of the course the final letter grade will be computed as follows:**

Letter Grade	Corresponding Percentage
A:	93-100%
A-:	90-92.9%
B+:	88-89.9%
B:	80-87.9%
C+:	78-79.9%

C:	70-77.9%
C-:	68-69.9%
F:	0-67.9%

## **Academic Integrity**

You are responsible for strictly following the Brennan School of Business Academic Integrity Policy. Please [link to this policy](#) and read it. It applies to all work in this course.

## **Logistics:**

You will need a Dominican email address. Please see the Computer Lab aides if you do not already have the required accounts. Use of Canvas is required. Go to <https://dominicanu.instructure.com/>, find this course, go to Modules and begin work on the first module. If you cannot find this course, please email me immediately at [jmiller@dom.edu](mailto:jmiller@dom.edu).