

## Syllabus

### MGMT 607 Management Information Systems

Online 8 weeks starting January 11, 2021 and ending March 6, 2021

No breaks, no vacations -- just 7 weeks

Summer II 2020

**Class Location: Online only**

**Instructor:** James Miller

**Email:** [jmiller@dom.edu](mailto:jmiller@dom.edu)

**Office Hours:** Email or call. Email is usually faster. I can and will help you with homework especially when you email me your work in progress.

**Cell phone:** 847-530-0550

For best results, read this document from [this location](#)

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

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm*. 15<sup>th</sup> Ed. Pearson . This ISBN is 9780134639710. 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 <https://www.vitalsource.com/textbooks?utf8=%E2%9C%93&sort=&term=0134639715>

OR

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm*. 14<sup>th</sup> Ed. Pearson . Retail for about \$240. (15th Edition is recommended but this should work with only a few minor problems on quizzes)

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OR

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm*. 13<sup>th</sup> Ed. Pearson. (15th Edition is recommended but this should work with only a few minor problems on quizzes)

We will also use Microsoft Office software, especially Excel, Access, SQL Server and Adobe Dreamweaver. This software is available in the Dominican Tech Center. You can access the software by remotely connecting to Dominican's acats2k12 server. See [this link](#) for further information. It is usually easier and less time consuming and less frustrating to avoid installing Project, Access and/or Dreamweaver on your own machine. Please use acats2k12 for any software that you don't already have installed.

**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:**

MGMT601, QUAN504

## **Class times – READ CAREFULLY**

Online participation is required from January 11, 2021 through March 6, 2021. Please be aware that you must be available to participate in weekly online discussions. You must contribute to each and every Discussion Thread on at least three different days each week; any time of day is acceptable. Each course week begins on Monday at 12:01 am and runs through to the following Sunday at 11:59 pm. More details by week are available at the bottom of this page.

## **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
- o Develop a plan to support business process reengineering using an information systems planning approach
- o Explain the relevance and evaluate the potential of e-commerce, e-business, and m-business with respect to a particular business environment
- o Assess the ethical, legal, and privacy issues associated with information technology and information systems
- o 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 eight weeks and 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 Monday at 12:01 am and runs until the following Sunday at 11:59 pm (). Each week there is a posted online lecture, a required assignment, an online quiz, and one or more online discussions. In the final week, there is 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 Sunday. Each week, students will be required to complete an online quiz that will be available from Monday through Sunday 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 for full credit points. 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 be accepted late IF you provide advance notice to the instructor. You don't need to provide a reason - just provide advance notice.

## Evaluation: (could be adjused two weeks before the class starts)

	<p>Final course average will be based on the following:</p>
	<p><b>Total Maximum Points</b></p>
	<p><b>354</b></p>
	<p>distributed as described:</p>
	<p><b>Course Components</b></p>
	<p><b>Homework Assignments (Weeks 1 through 7)</b></p>
	<p>On Monday of each week (except the final week) an assignment will be posted on the course site. Assignments are to be submitted electronically using Canvas (not email) by no later midnight () on the scheduled Sunday due date. Exact instructions on how to accomplish this will be given. Due to the nature of the course, no late assignments will be accepted. Partial credit is awarded for assignments. Most assignments</p>
	<p><b>114</b></p>

are worth a maximum of fourteen (14) points. Some are worth more.

### **Online discussion participation - Weeks 1 through 7**

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 Monday **at 12:01 am (Chicago Time) and close on Sunday 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 (except the final 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 Most weekly discussion are worth a maximum of eighteen (18) points. Again, students are required to participate in the online discussions on at least three different days of the week in each of the graded threads identified for the week.

### **Online Quizzes (Weeks 1 through 7)**

On Monday of each week (except the final 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 weekly quiz will be worth a maximum of eighteen (18) points.

**135**

### **Short Paper (Weeks 5 through 7 -- due Week 8)**

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 sixth week of the course.	<b>32</b>
	<b>Final Exam</b>	<b>0</b>
	There will not be an Final Exam in this course	

## Summary of Evaluation Information (could be adjusted two weeks before the class starts)

Description	Number	Points	Total	%
Homework	8		114	32%
Discussion	14		105	30.0%
Quizzes	14		135	38%
Short Paper	1		32	10.0%
Final	1		0	0
			354	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).

## Academic Calendar for Spring 2021

January 4	Last day to apply to graduate Spring 2021
January 11	First day of classes
January 18	Martin Luther King, Jr. Day - No Classes
January 19	6:30PM deadline for adding/dropping undergraduate classes
January 26	6:30PM deadline for adding/dropping graduate classes
January 26	Last day to declare satisfactory/fail grade option for undergraduate classes
February 9	Last day to declare course intensification option for undergraduate classes
March 7-13	Mid semester vacation
March 30	Last day to withdraw from spring semester classes
April 1-4	Easter Vacation
April 7	URSCI Expo (class scheduled suspended)
April 30	Last day of undergraduate classes.
May 1	Saturday and schedule conflict undergraduate final exams
May 3-6	Undergraduate Final exams
May 6	Last day of graduate classes
May 7	Final grades due at noon for graduating students
May 8-9	Commencement Weekend
May 11	Final grades due at noon

## Course week-by-week Schedule

Week	Chapters	Comments	Start	End
1	1, 2	Excel Review and PMT	11-Jan	17-Jan
2	3,4	Excel Scenarios	18-Jan	24-Jan

3	5,6	Access Table Create and connect to Dominican Server	25-Jan	31-Jan
4	7,10	Guest in Discussion, Queries, e-commerce	1-Feb	7-Feb
5	8,9	Finish e-commerce, start solver, big data, and short paper	8-Feb	14-Feb
6	11,12	Finish solver, continue big data and short paper	15-Feb	21-Feb
7	13,14	Finish big data, start and finish Microsoft Project, continue Short Paper	22-Feb	28-Feb
8	None	Short Paper due. ALL WORK DUE.	1-Mar 6-Mar	6-Mar 6-Mar
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