

Syllabus

MGMT 607 Management Information Systems

Online 8 weeks starting July 5, 2022 and ending August 23, 2022

No breaks, no vacations -- just 7 weeks

Class Location: Online only

Instructor: James Miller

Email: 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). Just the text - no MyMISLab or other software:

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm*. 15th 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. Materials are available at the Dominican Book Store. See <https://www.bkstr.com/dominicanstore>

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*. 14th Ed. Pearson . (15th Edition is recommended but this should work with only a few minor problems on quizzes)

.

OR

Laudon & Laudon, *Management Information Systems: Managing the Digital Firm*. 13th 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
- 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 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 adjusted two weeks before the class starts)

Final course average will be based on the following:

**Total
Maximum
Points**

Course Components

452

distributed as
described:

Homework Assignments (Weeks 1 through 7)

On Monday of each week (except the final week) assignments 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 except by special arrangement BEFORE the due date. Partial credit is awarded for assignments.

209

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.

84

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

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.

Course week-by-week Schedule

Week	Chapters	Comments	Start	End
1	1, 2	Excel Review and PMT	5-Jul	11-Jul
2	3,4	Excel Scenarios	12-Jul	18-Jul
3	5,6	Access Table Create and connect to Dominican Server	19-Jul	25-Jul
4	7,10	Guest in Discussion, Queries, e-commerce	26-Jul	1-Aug
5	8,9	Finish e-commerce, start solver, big data, and short paper	2-Aug	8-Aug
6	11,12	Finish solver, continue big data and short paper	9-Aug	15-Aug
7	13,14	Finish big data, start and finish Microsoft Project, continue Short Paper	16-Aug	22-Aug
8	None	Short Paper due.	23-Aug	
		ALL WORK DUE.	23-Aug	23-Aug

Academic Calendar for Summer II

July Independence Day holiday - no
4 classes

July First day of Summer II classes
5 (graduate and undergraduate)

July Last day to add/drop Summer II
13 classes

July Last day to declare satisfactory/fail
13 grade option for undergraduate
classes

August Last day to withdraw from Summer
3 II classes

August Last day of undergraduate classes
16

August Last day of graduate classes
22