

Syllabus

MGMT 607 Management Information Systems

August 30 - December 17, 2021 with class meetings on
Thursday nights 6:30 - 9:30 via Zoom. Other times by appointment

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 use email to attach your work in progress. Sessions also available by Zoom and Splashtop remote support.

Cell phone: 847-530-0550

For the links in this document to work, 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.

Chromebook warning: There are many assignments in this course that you cannot do on Chromebook because Chromebooks do not have any software that will connect with a Microsoft Remote Desktop Server. You must find a Windows PC or MAC either on your own or at the Dominican Tech Center.

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 on many Thursday nights. Although the class is scheduled to run from 6:30 pm - 9:30 pm, **most content will be delivered between 7:30 and 9:00 pm**. Zoom will be open and I will be available to help with homework and answer other questions from 6:30 pm - 7:30 pm and 9:00 pm and 9:30 pm. Some content sessions will end before 9:00 pm.

You will need to come to class prepared to answer the week's discussion questions.

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 are posted online lectures, required assignments, an online quiz, and one or more discussion topics to prepare.

You only need to answer the Discussion question(s). You do not need to make comments. Discussions are due Sunday nights. Be prepared to present you main Discussion points in class the following Thursday.

In the final week, there is 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. Please be aware that due to the nature of the course, absolutely **NO LATE discussions**. The Discussion will take place on Thursday night whether you are prepared or not. You cannot get more than 2/3 credit for the discussion if you are not in class when it takes place.

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 any time before the second week of the class starts)

Final course average will be based on the following:	
Course Components	Total Maximum

Points**452**distributed as
described:**Homework Assignments**

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. Assignments will be accepted late without penalty if you get my approval before the due date.

209**Class and Online discussion participation**

You will be asked to answer Discussion questions throughout the course. Answers submitted after the due date will not receive credit. Unlike homework and quizzes, extensions longer than two days are not granted on Discussion due dates. Between the Sunday due date and the Thursday class, you may get specific comments on how to extend your answer during the Thursday class Discussion. Two thirds of the Discussion grade will be based on the quality of the content of your initial answer. One third of the grade will be based on your participation on the Discussion Question in class.

84**Online Quizzes**

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.

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	<p>Short Paper</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 sixth week of the course.</p> <p style="text-align: right;">32</p>
	<p>Final Exam</p> <p>There will not be an Final Exam in this course</p> <p style="text-align: right;">0</p>

Summary of Evaluation Information (could be adjusted before the second week of the class starts)

Description	Number	Points	%
Homework	19	209	46%
Discussion	14	84	19%
Textbook Quizzes	14	127	28%
Short Paper	1	32	7%
Final	1	0	0%
		452	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.

Course week-by-week Schedule (to be updated for a 15 week schedule soon)

Module	Chapters	Comments	Start	End
1	1, 2	Excel Review and PMT	8/30	9/12
2	3,4	Excel Scenarios	9/13	9/26
3	5,6	Access Table Create and connect to Dominican Server	9/27	10/10
4	7,10	Guest in Discussion, Queries, e-commerce	10/11	10/24
5	8,9	Finish e-commerce, start solver, big data, and short paper	10/25	11/7
6	11,12	Finish solver, continue big data and short paper	11/8	11/21
7	13,14	Finish big data, start and finish Microsoft Project, continue Short Paper	11/29	12/12
8	None	Short Paper due. ALL WORK DUE.	12/12	12/18

Academic Calendar for Fall 2021

[Link to Dominican Calendar](#)**Fall Semester 2021**

- August 30 First Day of Classes for Fall (15 weeks) & Fall I (8 weeks)
- September 3 Last day to apply to graduate in Fall 2021
- September 6 Labor Day - No Classes
- September 7 Add/Drop deadline: Fall undergraduate courses & all Fall I courses
- September 14 Add/Drop deadline: Fall graduate courses
- September 14 Last day to declare satisfactory/fail grade option for undergraduate courses
- September 21 Caritas and Veritas Day (class schedule suspended)
- September 24 Last day to declare course intensification option for undergraduate courses
- October 21 Last day of Fall I courses (8 weeks)
- October 22-24 Long Weekend (no undergraduate classes)

October
25 First Day of Classes for Fall II (8 weeks)

November
1 Add/Drop deadline: all Fall II courses

November
5 Last day to withdraw from Fall courses (15 weeks)

November
24-28 Thanksgiving Vacation

December
11 Last day of Fall and Fall II undergraduate courses

December
13-18 Undergraduate Final Examinations

December
18 Last day of Fall and Fall II graduate courses

December
21 Final Grades due at noon for all courses