Course Syllabus
MIS 3775 – 001 – DATABASE/INFORMATION MANAGEMENT
Spring 2016
3 Credit Hours

Instructor: Prof. M. L. Gillenson
Phone1: 678-5607
E-mail: mgillsn@memphis.edu
Office: 329 Fogelman College of Business and & Economics

URL: http://www.memphis.edu/bitm/faculty/markgillenson.php
Office Hours: Tuesday and Thursday 3:30 –5:00 PM or by appointment

Course Overview

Focus on understanding the nature of data, entities and relationships; designing data models, databases, and queries with electronic commerce, decision support, and other application implications; understanding data and database control issues.

Pre-Requisites/Co-Requisites:
MIS 3210 or equivalent

Required Texts (and Related Materials):


Location of Course Materials
elearn.memphis.edu

Course Objectives:
To provide a conceptual and practical basis for database design, including the study of data structures, data models, and normalization as applied to relational database
management systems. To provide practical applications of database management systems, including hands-on experience with SQL and Microsoft Access. To consider the topics of data dictionaries, data administration, database control issues, data warehouses, and other contemporary topics.

**Fogelman College: Learning Outcomes for Your Degree**

| BBA   | http://www.fcbeassessment.net/LearningOutcomes/BBADegreeLearningOutcomes.pdf |

**Course Methodology**

This course consists of lectures, hands-on assignments and text readings. Exams will be used to assess your learning of the course materials.

**Professor’s Expectations:**

In general, you should assist the instructor in creating a positive, supportive environment for learning by staying engaged in the course and actively participating in all course activities.

**Student’s Expectations:**

In my role as your instructor, there are certain things you can expect from me including: a well-organized and engaging learning experience, and response to emails within two (2) business days, and feedback on all work submitted with two (2) weeks.

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**Grading and Evaluation Criteria**

Three Semester Exams – 60%

Optional, Comprehensive Final Exam will replace lowest semester exam score

(Thursday, May 5, 2016, 5:30 - 7:30PM)

SQL and/or Access Assignments – 10%

Homework – 10%

Course Group Project – 10%

Class Participation (including attendance) – 10%

Students are required to read all of the chapters and pages of the course textbook listed in the schedule below, as well as any additional reading assignments given during the semester. Students are responsible for the material in the assigned readings and for all material in the lectures.

Students are responsible for all work covered and all announcements made in class. Finding out about work and announcements missed due to lateness or absence for any reason is each student’s responsibility.
There will be no make-up exams. An exam missed because of an approved absence, such as a documented illness will be replaced by the score on the final exam.

Final Course Grades
This course may be graded on a +/- basis at the instructor’s discretion.

Course Topics
Tentative Order of Course Topics and Reading Assignments from the Gillenson text

<table>
<thead>
<tr>
<th>Topic</th>
<th>Chapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data: The New Corporate Resource</td>
<td>1</td>
</tr>
<tr>
<td>Data Modeling</td>
<td>2</td>
</tr>
<tr>
<td>The Database Management System Concept</td>
<td>3</td>
</tr>
<tr>
<td>Relational Data Retrieval: SQL</td>
<td>4</td>
</tr>
<tr>
<td>The Relational Database Model</td>
<td>5, 6</td>
</tr>
<tr>
<td>Logical Database Design</td>
<td>7</td>
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<tr>
<td>Physical Database Design</td>
<td>8</td>
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<tr>
<td>Data Administration, Database Administration and Data Dictionaries</td>
<td>10</td>
</tr>
<tr>
<td>Database Control Issues: Security, Backup and Recovery, Concurrency</td>
<td>11</td>
</tr>
<tr>
<td>Client/Server Database and Distributed Database</td>
<td>12</td>
</tr>
<tr>
<td>The Data Warehouse</td>
<td>13</td>
</tr>
</tbody>
</table>

The coverage and order of this list of topics is subject to change as the course progresses. Such changes, if any, will be announced in class.

Additional readings may be assigned from Microsoft Access 2013: Complete.

Additional topics may be added to the course at the discretion of the instructor.

Final Exam Schedule:
The final exam for this class will be scheduled according to the Registrar’s academic calendar website.
Course Policies

**E-MAIL:**

I will send all official course email correspondence to the students’ “@memphis.edu” email account. Therefore, it is the student’s responsibility to actively manage this email account. This includes ensuring that email messages are read, and that the mailbox is managed, e.g., no “mailbox is full” issues. University of Memphis regulations allow an instructor to discuss grades with a student only in person or by email request on the student's UoM email account only.

**Attendance:**

Attendance in class is expected, as lectures and class discussion are an important part of this course.

**Adding/Dropping:**

See Registrar’s Office posted deadlines at http://www.memphis.edu/registrar/calendars/dates/15f-dates.php

**Academic Integrity**

All University of Memphis policies regarding Classroom Misconduct and Cheating will be enforced. These are defined by the Office of Student Conduct, http://www.memphis.edu/studentconduct/.

**Participation:**

To be successful in this course as a student, you must stay active and involved throughout the entire semester. Students are expected to participate in all interactive aspects of the course.

**Classroom or Online Behavior:**

In the classroom, it is imperative that students pay full attention to the instructor and not cause distractions to their fellow students or to the instructor. For these reasons, the use of laptop computers, cell phones, smart phones, Blackberries, tablets, and all other electronic devices, including recording devices, are not permitted in class. The only exceptions are if you are a dedicated laptop note taker or prefer to view the PowerPoint slides on your laptop.

**Late Assignments:**

Late homework/projects will only be accepted with the approval of the instructor.

**Extra Credit:**

There is no extra credit offered in this course. Your final grade will be computed based on your work on the formal/assessed activities described in this syllabus.

**Reporting Illness or Absence:**

Illness or absence should be reported to the instructor by email.
**Inclement Weather**

In the event that inclement weather requires the cancellation of classes at The University of Memphis, local radio and television media will be immediately notified. Additionally, UoM has established an Inclement Weather Hotline at 678-0888 as well as TigerText an emergency alert text messaging service available to students, faculty and staff.

**Syllabus Changes**

The instructor reserves the right to make changes as necessary to this syllabus. If changes are necessitated during the term of the course, the instructor will immediately notify students of such changes both by individual email communication and posting both notification and nature of the change(s) on the course bulletin board.

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**Student Services**

Please access the FCBE Student Services page for information about:

- Students with Disabilities
- Tutoring and other Academic Assistance
- Advising Services for Fogelman Students
- Technical Assistance