

Oakland University
Decision and Information Sciences

MIS 3000 – Management Information Systems

Winter 2018

Required Texts:	<p>1) MIS 3000 Workbook (on Moodle), By Mohammad Dadashzadeh</p> <p>2) Information Systems, Version 5.0 By John Gallaugh (eISBN: 978-1-4533-7575-4) Textbook link</p> <p>3) Problem-Solving Cases in Microsoft Access and Excel, 13th Edition By Monk Brady Cook Mendelsohn (ISBN: 978-1-305-40872-3)</p>
Lectures:	Tuesday 6:30 – 9:20 pm (CRN #11266), 212 Elliott Hall
Instructor:	<p style="text-align: center;">Mohammad Dadashzadeh [Pronounced DADASH-ZADEH] Voice Mail: 248.370.2831 E-Mail: mdz123@yahoo.com (<i>preferred method of messaging</i>)</p> <p style="text-align: center;"><i>I am <u>ALWAYS</u> just an e-mail away to help.</i></p>
Office:	306 Elliott Hall
Hours:	Tuesdays Before Class, <u>or</u> by appointment
Pre-requisite:	<p>MIS 100</p> <p>This course assumes that you have mastered the contents of the prerequisite course, can use the contents on assignments/exams, and can apply the contents to the projects. You are encouraged to review the materials from the prerequisite course.</p>
Important Dates:	http://wwwp.oakland.edu/registrar/important-dates/
Course Catalog Description:	This course shows how information technology can improve business processes and help managers be more effective decision makers. Topics include network functions, database management and decision support.
Course Outcomes:	<p>By the end of this course, you will be able to:</p> <ul style="list-style-type: none"> • Articulate what a Management Information System is • Articulate why should organizations invest in building and sustaining their MIS • Articulate how to ensure that IT investments do not fail to pay off • Identify alignment/misalignment of identified information (IS strategy) with organizational goals/objectives (Organizational strategy) • Identify types of systems appropriate to the decision-making level

	<p>within the organization</p> <ul style="list-style-type: none"> • Organize properly information for efficient storage and retrieval • Identify the issues involved in creating information for decision making from data sources • Identify the use of IS to support decision making in functional areas • Use tools for conceptual data modeling, database design and implementation in Access, and SQL-based report generation • Use Excel tools for building Decision Support Systems, scenario analysis, and optimization
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Tentative COURSE SYLLABUS

January 9, 2018	<p>Course Overview & Setting the Stage Gallaughar Chapter 1 – Technology and the Modern Enterprise</p> <p><i>Weekly MIS 300 Workbook coverage will be posted on Moodle. Weekly Monk et al. Textbook coverage will be posted on Moodle.</i></p>
January 16, 2018	<p>Strategy and Technology: What Separates Winners from Losers Gallaughar Chapter 2</p>
January 23, 2018	<p>Zara: Fast Fashion from Savvy Systems Gallaughar Chapter 3</p>
January 30, 2018	<p>Netflix in Two Acts Gallaughar Chapter 4</p>
February 6, 2018	<p>Moore’s Law: Managerial Implications of Fast, Cheap Computing Gallaughar Chapter 5 Disruptive Technologies: Tactics for Avoiding Extinction Gallaughar Chapter 6</p>
February 13, 2018	<p>First Examination</p>
February 20, 2018	<p>Winter Recess</p>
February 27, 2018	<p>Amazon.com: From Cardboard Box to Kindle to Cloud Gallaughar Chapter 7 Understanding Network Effects Gallaughar Chapter 8</p>
March 6, 2018	<p>Social Media, Peer Production, and Web 2.0 Gallaughar Chapter 9 The Sharing Economy, More Efficient Markets through Technology</p>

	Gallaugh Chapter 10
March 13, 2018	Facebook: Building a Big Business from the Social Graph Gallaugh Chapter 11 Rent the Runway: Blending Tech with Fashion Gallaugh Chapter 12
March 20, 2018	Understanding Software: A Primer for Managers Gallaugh Chapter 13 Software in Flux: Open source, Cloud, App-driven Shifts Gallaugh Chapter 14
March 27, 2018	Second Examination
April 3, 2018	Business Intelligence, Big Data, and Competitive Advantage Gallaugh Chapter 15 A Manager's Guide to the Internet and Telecommunications Gallaugh Chapter 16
April 10, 2018	Information Security: Barbarians at the Gateway Gallaugh Chapter 17
April 17, 2018	Google in Three Parts: Search, Online Advertising, and Beyond Gallaugh Chapter 18
April 24, 2018	Final Examination

WORKLOAD

Attendance and In-Class Exercises	10%
On-Line Quizzes and Discussions	10%
Take-Home Assignments	10%
Group Project #1 (IT Topic/Question Assignment)	10%
Group Project #2 (Access/Excel Assignment)	15%
First Examination	10%
Second Examination	15%
Final Examination	20%

Grading Rule Where Appropriate (Meets Expectations = Average):

	Exceeds Expectations	Meets Expectations	Below Expectations	Unacceptable	Missing
15% or Points	15	10	5	1	0
10	10	7	4	1	0
5	5	4	3	1	0

GRADING

The average grade point target for the class will be 3.0

The final grade will be based on your score relative to other members of the class. It will be determined after all the points for the different assignments are weighted and totaled by using the following formula:

$$\text{Final grade} = Xg + [(S-Xt) / (H-Xt)] * D$$

Where,

Xg = average grade point target for the class, i.e., 3.0,

S = the student's weighted total points,

Xt = average weighted total points for the class,

H = the weighted total points for the student with the highest weighted total points,

D = the difference between 4.0 and Xg, i.e., 1.0

For example,

$$Xg = 3.0$$

$$S = 89.00$$

$$Xt = 91.75$$

$$H = 96.45$$

$$D = 4.0 - 3.0 = 1$$

$$\text{Final grade} = 3.0 + [(89.00 - 91.75) / (96.45 - 91.75)] * 1 = 2.4$$

Frequently asked Questions

1. What is the policy for ...?

Please consult the document named “MIS 3000 Policies” available on *Moodle*.

2. Can I work with others on the *individual* assignments?

Students are expected to interact to learn from each other and to share knowledge. Nevertheless, although you may discuss assignment problems with others, **what you hand in on an individual assignment must have been created from scratch by you.** Do not turn in other people's work. There will be a serious penalty if you do so. [\[Collaboration Policy\]](#)

3. How should take home assignments be turned in?

- Unless otherwise specified, in the designated Moodle Drop Box before it closes.
- Unless otherwise specified, **Typed, double-spaced, and in 12-point font.**
- Unless otherwise specified, diagrams should be drawn in Visio or PPT.
- Your name & date must appear on the first page

- When requested to e-mail assignments, make sure to copy yourself so that you can forward it should the original e-mail does not reach me.

4. What happens if an assignment is turned in past *due date*?

No credit.

5. Is checking the course on **Moodle** prior to each class required?

Absolutely. This course expects that you check Moodle regularly (3-5 times a week).

6. Are examinations open book/notes?

No. When there is an opportunity to do a hands-on exam, you can access course resources/handouts.

7. Are examinations cumulative?

Yes. But, the greatest emphasis is placed on the material since the previous exam.

8. What is the class average for examinations?

That depends on the students' preparation. Examinations in this course are non-trivial and will test your preparation and comprehension/mastery of all material taught in: lectures, handouts, in-class exercises, lessons learned notes, hands-on lab assignments, posted solutions/answers, take-home assignments, and textbook reading/Access-Excel assignments.

Poor performance in a single examination will not be a “disaster” since exams are, respectively, worth only 10%, 15%, and 20% of your grade. However, poor performance on an exam and any other grading component (another exam, attendance/participation, in-class exercises, assignments, and term project) quickly combine to reduce your maneuverability towards the high grade you can achieve in this course.

I reserve the right to assign extra credit (up to 2%) based on negotiated/documentated extra deliverables to be produced on your term project, or on extra/optional training provided.

9. Am I studying/programming enough to get the grade I want?

To determine how many hours you need to study each week to get an A, use the following rule of thumb. Study two hours **per credit hour** in an easy class, three hours per credit hour for an average class, and four hours per credit in a difficult class. You need to decide whether this class is easy, moderate or difficult for you based, in part, on your pre-requisite preparation.

So, the study hours can range from 6 to 12 hours per week.

What was the grade distribution for the previous class (Class Average Target was 3.1)?

Grade	# of Students
4.0	1 Student
3.9	1 Student
3.8	1 Student
3.7	1 Student
3.5	1 Student
3.4	1 Student
3.3	3 Students
3.2	4 Students
3.1	3 Students
3.0	1 Student
2.9	1 Student
2.7	2 Students
2.4	1 Student
2.2	1 Student
1.1	1 Student
3.1	Average

10. Is my overall course grade shown on Moodle accurate?

No. I do not enter the weights of each grading component in Moodle. You can calculate your overall grade based on the following formula using your category scores out of 100%.

$$\text{Overall Grade} = .1*(\text{Attendance and In-Class Exercises}) + .1*(\text{On-Line Quizzes and Discussions}) + .1*(\text{TH}) + .1*(\text{Group Project \#1}) + .15*(\text{Group Project \#2}) + .1*(\text{First Exam}) + .15*(\text{Second Exam}) + .2*(\text{Final Exam})$$

In general, I am quick in recording your grades on Moodle. Mistakes can be made, so please check your grades and bring any discrepancies immediately to my attention. Thank you.

11. How is group participation on Group Projects evaluated?

20% of your individual grade on each group project is based on my assessment of your participation and the quality of your participation/effort and teamwork. This assessment is supported by the **Audit Trail of your postings/uploads/contributions to the Discussion Forum** set up for each of your group projects. All group project collaboration should be documented/posted there. If it is not recorded/documented there, then I must assume that it did not occur!

12. What are the fundamental grading criteria on projects and associated reports?

Correctness

From English usage and spelling to solution/response development (process and data modeling, coding, etc.)

Include acknowledgements to code/material that is not your creation.

Completeness

How effectively can another group pick up where you have left off in continuing, maintaining, completing, and enhancing your efforts?

13. What is the required technology?

Elliott Hall student labs have all the required software.

14. What is the course participation expectations?

Course participants are expected to:

- Login 3 to 5 times a week to the Moodle site for the course
- Attend class
- Follow the weekly activities posted and complete all assignments by their deadline
- Respond to emails within 2 days
- Participate in a thoughtful manner
- Respect rules of [netiquette](#)
- Respect your peers and their privacy
- Use constructive criticism
- Refrain from engaging in inflammatory comments

15. What is the Discussion Forum participation expectations?

You will be expected to participate in discussions in this course using the discussion forum throughout the week. Please make sure that your posts are thoughtful and complete. Try to be creative with your posts, and don't just repeat what others have already said. Your participation in the discussion forum will be graded on the following:

- Posted on time with substantive content and length. (Please note some discussions require 2 posts with different due dates. So, do not wait until the final deadline to read the discussion instructions.)
- Posted relatively early during the discussion period so that others can benefit and/or reply
- Establishes a sense of community through initial post & replies to others showing an understanding of activity
- Responses to others' initial posts and replies to comments under your initial post
- Formatted and proper writing

Note that other rules of netiquette apply – don't "flame," or provoke negative replies. Do not monopolize the discussion, and do not act in a way that you would not in real life.