



## SYLLABUS

### **MIS 111: Computers and the Internetworked Society**

**Time: 9:00 AM – 10:45 AM, Monday – Friday**

**Dates: June 5, 2017 – July 6, 2017**

**Location: McClelland Hall, Room 123**

#### **Description of Course**

In this course, we will explore technology and its impacts on individuals, businesses, and society. Computer-based information technology (IT) has pervaded nearly all aspects of modern businesses and society. This course introduces many IT concepts and will help you understand and manage the impact of IT on economic, political, organizational, and personal issues. This course has been designed as a high-level, introductory survey of the Management Information Systems (MIS) discipline.

#### **Instructor and Contact Information**

Instructor: Shuo Yu, Ph.D. Student

Office Location: McClelland Hall, Room 430

Phone: (520) 447-0508

E-mail: [shuoyu@email.arizona.edu](mailto:shuoyu@email.arizona.edu)

Office Hours: 10:45 – 11:45 AM, Monday

D2L Website: <https://d2l.arizona.edu/d2l/home/582573>

#### **Course Format and Teaching Methods**

Lecture, in-class discussion, small-group activities, web-delivered assessment, etc.

#### **Course Objectives and Expected Learning Outcomes**

By completing this course, you will demonstrate proficiency to:

- Describe the definition of MIS and its relation to business,
- Describe the basics of networking, databases, and system design,
- Describe, compare, and contrast data mining and visualization techniques,
- Effectively communicate to both business and IT professionals orally and via email,
- Develop a habit of reading technology news and assess technology personally and socially, and
- Analyze real cases of online privacy and illustrate its relation to our digital life.

#### **Learning Opportunities**

**Opening and Closing Review Questions:** We will start and end each lecture by reviewing questions discussed in the previous and the current lecture, respectively. The review questions are great opportunities for you to reflect on your understanding on the facts and concepts we covered in the class. Those questions will appear in assignments and exams as well.

**5 News Reports:** Management Information Systems is a field where new and exciting things are happening every day. To stay on top of the changes we will be regularly discussing items from tech

news, and your participation will be graded. We will start each lecture with a news sharing discussion. You are expected to share five (5) news articles throughout the semester. In addition to the news article, please provide a short report (300 words at least) that covers a summary of the news article, its business and social implications, personal attitudes and thoughts, and its relevance to our course.

**4 Assignments:** Assignments link class knowledge to realistic problems and critical thinking. There are four (4) assignments in this course. The assignments are submitted via D2L.

**4 Weekly Exams & 1 Final Exam:** Exams help check your progress in the course. There are four (4) weekly exams and a final exam throughout the semester. We will have a weekly exam every Friday, and the final exam on the last meeting day. Each exam will have questions in multiple choice, fill-in-the-blank, and short-essay. Each exam is closed-book and closed-notes.

For the Final Exam, please also refer to: Final Exam Regulations:

<https://www.registrar.arizona.edu/courses/final-examination-regulations-and-information>, Final Exam Schedule: <http://www.registrar.arizona.edu/schedules/finals.htm>

## Grading Scale and Policies

| Component                                 | Total Points | Percent     |
|---|--------------|-------------|
| Community Collaboration and Participation | 100          | 10%         |
| 5 News Reports x 30                       | 150          | 15%         |
| 4 Assignments x 100                       | 400          | 40%         |
| 4 Weekly Exams x 50                       | 200          | 20%         |
| Final Exam                                | 150          | 15%         |
| <b>Total</b>                              | <b>1000</b>  | <b>100%</b> |

**Community Collaboration and Participation (10%):** Community collaboration and participation are 10% of your grade. Attendance will be taken at random. Each absence without excuse will lead to a loss of 10 points (1%) of your final grade.

**News Reports (15%):** Each report counts for 30 points (3%) of the final grade. You can submit a maximum of one per day. The last day of submitting news reports is July 5, 2017.

**Assignments (40%):** Each assignment counts for 100 points (10%) of the final grade. Each assignment is due at 11:59 PM on the next Monday after announcement. Late submissions within 24 hours after the deadline will receive a penalty of 10 points (1%) of your final grade. Late submissions after 24 hours will not be accepted and you will receive a zero for that assignment.

**Weekly Exams (20%):** Each weekly exam counts for 50 points (5%) of the final grade. Extra credits will be given as bonus questions in the weekly exams.

**Final Exam (15%):** The final exam counts for 150 points (15%) of the final grade.

Numeric cutoffs for letter grades are based on the following scale:

| Letter Grade | Points Required              |
|--------------|------------------------------|
| A            | >=900 (90%)                  |
| B            | >=800 and <900 (80% - 89.9%) |
| C            | >=700 and <800 (70% - 79.9%) |
| D            | >=600 and <700 (60% - 69.9%) |
| E            | <600 (<60%)                  |

**Requests for incomplete (I) or withdrawal (W)** must be made in accordance with University policies, which are available at

<http://catalog.arizona.edu/policy/grades-and-grading-system#incomplete> and

<http://catalog.arizona.edu/policy/grades-and-grading-system#Withdrawal> respectively.

**Dispute of Grade Policy:** Any disputes on assignments or exams should be resolved within the period instructed by the instructor.

## Scheduled Topics/Activities

| <b>Daily Schedule</b> |   |                                    |                       |
|-----------------------|---|------------------------------------|-----------------------|
| <b>#</b>              | <b>Day</b>  | <b>Topic</b>                       | <b>Assignment Due</b> |
| 1                     | Monday, June 5  | Course Introduction                | -                     |
| 2                     | Tuesday, June 6   | What is MIS?                       | -                     |
| 3                     | Wednesday, June 7                                       | Presenting and Managing Yourself   | -                     |
| 4                     | Thursday, June 8  | Data and Knowledge Management      | -                     |
| <b>5</b>              | <b>Friday, June 9</b>                                   | <b>Exam Review, Exam</b>           | <b>Exam 1</b>         |
| 6                     | Monday, June 12   | Database Design                    | Assignment 1          |
| 7                     | Tuesday, June 13  | Database Design                    | -                     |
| 8                     | Wednesday, June 14                                      | Systems Analysis and Design        | -                     |
| 9                     | Thursday, June 15                                       | Systems Analysis and Design        | -                     |
| <b>10</b>             | <b>Friday, June 16</b>                                  | <b>Exam Review, Exam</b>           | <b>Exam 2</b>         |
| 11                    | Monday, June 19   | Evolution of the Web, Web Services | Assignment 2          |
| 12                    | Tuesday, June 20  | Data Mining                        | -                     |
| 13                    | Wednesday, June 21                                      | Visualization                      | -                     |
| 14                    | Thursday, June 22                                       | Visualization                      | -                     |
| <b>15</b>             | <b>Friday, June 23</b>                                  | <b>Exam Review, Exam</b>           | <b>Exam 3</b>         |
| 16                    | Monday, June 26   | Networking                         | Assignment 3          |
| 17                    | Tuesday, June 27  | Virtualization and Cloud Computing | -                     |
| 18                    | Wednesday, June 28                                      | E-Commerce                         | -                     |
| 19                    | Thursday, June 29                                       | Online Privacy                     | -                     |
| <b>20</b>             | <b>Friday, June 30</b>                                  | <b>Exam Review, Exam</b>           | <b>Exam 4</b>         |
| 21                    | Monday, July 3  | Cybersecurity (Guest Lecture)      | Assignment 4          |
| 22                    | <b>NO CLASS TUESDAY JULY 4, 2017 – INDEPENDENCE DAY</b> |                                    |                       |
| 23                    | Wednesday, July 5                                       | Course Wrap-up and Review          | -                     |
| <b>24</b>             | <b>Thursday, July 6</b>                                 | <b>Final Exam</b>                  | <b>Final Exam</b>     |

## Absence and Class Participation Policy

The UA's policy concerning Class Attendance, Participation, and Administrative Drops is available at: <http://catalog.arizona.edu/policy/class-attendance-participation-and-administrative-drop>

The UA policy regarding absences for any sincerely held religious belief, observance or practice will be accommodated where reasonable, <http://policy.arizona.edu/human-resources/religious-accommodation-policy>.

Absences pre-approved by the UA Dean of Students (or Dean Designee) will be honored. See: <https://deanofstudents.arizona.edu/absences>

Participating in the course and attending lectures and other course events are vital to the learning process. As such, attendance is required at all lectures and discussion section meetings. Students who miss class due to illness or emergency are required to bring documentation from their health-care provider or other relevant, professional third parties. Failure to submit third-party documentation will result in unexcused absences.

## **Classroom Behavior Policy**

To foster a positive learning environment, students and instructors have a shared responsibility. We want a safe, welcoming, and inclusive environment where all of us feel comfortable with each other and where we can challenge ourselves to succeed. To that end, our focus is on the tasks at hand and not on extraneous activities (e.g., texting, chatting, reading a newspaper, making phone calls, web surfing, etc.).

Students are asked to refrain from disruptive conversations with people sitting around them during lecture. Students observed engaging in disruptive activity will be asked to cease this behavior. Those who continue to disrupt the class will be asked to leave lecture or discussion and may be reported to the Dean of Students.

## **Threatening Behavior Policy**

The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to oneself. See <http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students>.

## **Accessibility and Accommodations**

At the University of Arizona we strive to make learning experiences as accessible as possible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, you are welcome to let me know so that we can discuss options. You are also encouraged to contact Disability Resources (520-621-3268) to explore reasonable accommodation.

## **Code of Academic Integrity**

Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See: <http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity>.

The University Libraries have some excellent tips for avoiding plagiarism, available at <http://new.library.arizona.edu/research/citing/plagiarism>.

*Selling class notes and/or other course materials to other students or to a third party for resale is not permitted without the instructor's express written consent.* Violations to this and other course rules are subject to the Code of Academic Integrity and may result in course sanctions. Additionally, students who use D2L or UA e-mail to sell or buy these copyrighted materials are subject to Code of Conduct Violations for misuse of student e-mail addresses. This conduct may also constitute copyright infringement.

## **UA Nondiscrimination and Anti-harassment Policy**

The University is committed to creating and maintaining an environment free of discrimination; see <http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy>

Our classroom is a place where everyone is encouraged to express well-formed opinions and their reasons for those opinions. We also want to create a tolerant and open environment where such opinions can be expressed without resorting to bullying or discrimination of others.

## **Additional Resources for Students**

UA Academic policies and procedures are available at <http://catalog.arizona.edu/policies>

Student Assistance and Advocacy information is available at <http://deanofstudents.arizona.edu/student-assistance/students/student-assistance>

## **Subject to Change Statement**

Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor.