

# Management Information Systems: MIS 64042

## Syllabus

Instructor: Dr. Edward Mahon, Vice President of Information Services & Chief Information Officer, Kent State University

Email: emahon@kent.edu

### Course Description:

This course is designed to explore implications, issues, and challenges facing the management of the knowledge based work environment. Students will learn about effective organizational management including fiscal budgets and various other financial tools.

Technology management principles and practices will be woven into the course content as key elements of information technology in today's workforce are investigated. This course will assess the common IT management pitfalls, mistakes, IT directions and best practices.

This course will help students to:

- Gain a thorough understanding of information technology management and enterprise architecture.
- Gain an understanding of the various benefits and complexities of the national cloud grid, including service delivery transition methodologies.
- Achieve additional knowledge which they can apply to their own organization or future organization.

Technology is the major focus of this course. This course is designed to provide an overview of the matters related to the technological management of an organization.

Lessons:

1. IT leadership in the organization: the new voice of the chief information officer
2. Operations management: alignment, organizational design and process improvement
3. Fiscal Management
4. Managing Technical Talent
5. Project Management
6. A review of IT standards bodies
7. Systems Management
8. Data Management
9. Business Intelligence Systems
10. Information Technology Security
11. Cloud Computing: Defining the Cloud
12. Cloud Computing: Assessing your Current Environment
13. Cloud Computing: Building Transition Scenarios

Topics include:

- Current Information Technology (IT) Management difficulties, issues, and challenges
- IT Operations Management: Alignment, Organizational Design and Process Management
- IT Fiscal Management Tools and Techniques
- Reviewing Modern IT competencies, skills and job families

- IT Project Management using an ERP (Enterprise Resource Project) as a case study to demonstrate large-scale project management practices
- Review of IT Standard Bodies, including ITIL, COBIT and ISO
- Systems Management
- Review of Data Storage Principles and practices
- Technology Security threats and best mediation practices
- Defining cloud technology and transition costs and issues

### Textbooks:

All readings will be available online in .pdf format

### Student Responsibilities: (refer to class schedule for specifics)

#### Participation:

- Student learning is the goal of this course. Students learn from the informational resources, from the instructor, from other students, and through shared experiences throughout the semester. Engagement and participation is the key to success in this course.

#### Reading Assignments:

- Students will be expected to participate in class discussions; therefore, reading assignments are critical to be prepared for in-class discussion.

#### Discussion Board Responses:

- Students will complete 12 online discussions on Blackboard Learn. Discussions are worth 10% of your total grade.

#### Assignment Papers:

- Students will complete 3 assignment papers throughout the semester using the suggested topics provided on Blackboard Learn.

#### Midterm Synthesis Paper:

- The purpose of the Midterm Synthesis Paper is to give you an opportunity to synthesize what you have learned in the first half of the class. The Midterm Synthesis Paper can be a group effort or an individual paper. The format will be 6-8 pages and double-spaced. The Midterm Synthesis Paper is worth 30% of your grade.

#### Hands-On Activities:

- Students are to complete 2 hands-on activities. Activities are collectively worth 20% of your total grade.

### Grading:

The course grade is based on a 300-point total following the university scale. All work will be evaluated and given relevant comments.

#### Assessment Point Distribution

• Discussion Board Responses	30 pts	10%	<i>12 Discussion Question Replies and Responses</i>
• Midterm Synthesis Paper	90 pts	30%	<i>Midterm Synthesis Paper of 6-8 pages</i>
• Assignment Papers	90 pts	30%	<i>3 Assignment Papers of 4 pages each</i>
• Hands-On Activities	60 pts	20%	<i>2 Hands-On Activities</i>
• Participation	30 pts	10%	<i>Regular Class Participation</i>

---

Grade Totals	300 pts	100 %	<i>Grade based on chart listed above</i>
--------------	---------	-------	--

