

**Eastern Illinois University**  
**New/Revised Course Proposal Format**  
(Approved by CAA on 4/3/14 and CGS on 4/15/14, Effective Fall 2014)

Agenda Item #15-36  
Effective: Summer 2016

**Banner/Catalog Information (Coversheet)**

1. ☐ New Course or ☒ Revision of Existing Course
2. Course prefix and number: ☐ MBA 5670 ☐
3. Short title: ☐ Mgt of Info Technologies ☐
4. Long title: ☐ Management of Information Technologies ☐
5. Hours per week: ☐ 3\_ Class ☐ 0\_ Lab ☐ 3\_ Credit
6. Terms: ☐ Fall ☐ Spring ☐ Summer ☒ On demand
7. Initial term: ☐ Fall ☐ Spring ☒ Summer Year: ☐ 2016\_
8. Catalog course description: An analysis of managerial issues related to information technologies. Topics include information strategies, information systems methodologies, management of information resources, and management of innovation and change.

**9. Course attributes:**

General education component: ☐ N/A ☐

☐ Cultural diversity ☐ Honors ☐ Writing centered ☐ Writing intensive ☐ Writing active

**10. Instructional delivery**

**Type of Course:**

☒ Lecture ☐ Lab ☐ Lecture/lab combined ☐ Independent study/research  
☐ Internship ☐ Performance ☐ Practicum/clinical ☐ Other, specify: ☐

**Mode(s) of Delivery:**

☒ Face to Face ☒ Online ☐ Study Abroad

☒ Hybrid, specify approximate amount of on-line and face-to-face instruction: A maximum of 49% of the course will be online with the remainder face-to-face.

**11. Course(s) to be deleted from the catalog once this course is approved. NONE. This is a revision of an existing course.**

**12. Equivalent course(s): ☐ NONE ☐**

a. Are students allowed to take equivalent course(s) for credit? ☐ Yes ☒ No

**13. Prerequisite(s): ☐ BUS 3500 or ACC 3900 and admission to the MBA or MSNS-GIS option programs\_**

a. Can prerequisite be taken concurrently? ☐ Yes ☒ No

b. Minimum grade required for the prerequisite course(s)? ☐ C\_

c. Use Banner coding to enforce prerequisite course(s)? ☐ Yes ☒ No

d. Who may waive prerequisite(s)?

☐ No one ☐ Chair ☐ Instructor ☐ Advisor ☒ Other (specify): Associate Chair

14. Co-requisite(s): \_\_\_\_\_NONE\_\_\_\_\_

15. Enrollment restrictions

a. Degrees, colleges, majors, levels, classes which may take the course: \_Graduate students\_

b. Degrees, colleges, majors, levels, classes which may not take the course: \_Freshmen,  
Sophomores, Juniors and Seniors\_

16. Repeat status: ☒ May not be repeated ☐ May be repeated once with credit

17. Enter the limit, if any, on hours which may be applied to a major or minor: \_3\_

18. Grading methods: ☒ Standard ☐ CR/NC ☐ Audit ☐ ABC/NC

19. Special grading provisions:

☐ Grade for course will not count in a student's grade point average.

☐ Grade for course will not count in hours toward graduation.

☐ Grade for course will be removed from GPA if student already has credit for or is registered in:  
\_\_\_\_\_

☐ Credit hours for course will be removed from student's hours toward graduation if student  
already has credit for or is registered in: \_\_\_\_\_

20. Additional costs to students:

Supplemental Materials or Software ☐ None \_\_\_\_\_

Course Fee ☒ No ☐ Yes, Explain if yes \_\_\_\_\_

21. Community college transfer:

☐ A community college course may be judged equivalent.

☒ A community college may not be judged equivalent.

Note: Upper division credit (3000+) will not be granted for a community college course, even if the  
content is judged to be equivalent.

## **Rationale, Justifications, and Assurances (Part I)**

1. \_X\_ Course is required for the major(s) of \_MBA, Master of Science in Cyber Security  
(pending approval) \_\_\_\_\_  
\_\_\_ Course is required for the minor(s) of \_\_\_\_\_  
\_\_\_ Course is required for the certificate program(s) of \_\_\_\_\_  
\_\_\_ Course is used as an elective
2. **Rationale for proposal:** This is an update of an existing course in the MBA program which allows sections to be taught through hybrid or online formats in keeping with the university's online delivery initiatives. Management of Information Technologies is one of the key functions in modern business and in order for an MBA student to be successful, they must understand how information systems are used and managed to help business compete.
3. **Justifications for (answer N/A if not applicable)**

Similarity to other courses: N/A

Prerequisites: This course is a graduate level MIS course and requires that the student have the knowledge from the undergraduate Management Information Systems (BUS 3500) or Accounting Information Systems (ACC 3900) which is why BUS 3500 or ACC 3900 are listed as prerequisites.

Co-requisites: N/A

Enrollment restrictions: This is a graduate level MIS course and restricting it to graduate students only ensures adequate preparation for the course.

Writing active, intensive, centered: N/A

4. **General education assurances (answer N/A if not applicable)**

General education component: N/A

Curriculum: N/A

Instruction: N/A

Assessment: N/A

5. **Online/Hybrid delivery justification & assurances (answer N/A if not applicable)**

Online or hybrid delivery justification: Offering and instructing this course through a hybrid or online model allows and increases the enrollment probability of alumni and other interested students who have moved away from campus, are currently employed, or live outside the East Central Illinois area and may take their MBA program from another institution if this delivery option is not available. EIU School of Business continues to deliver high quality education through traditional methods of teaching and technologically advanced methods such as online and hybrid education. Students are able to watch recorded videos whenever they prefer, stop the video, take notes and ask questions of the instructor and their peers. Management of Information Technologies content is suitable for online or hybrid education.

Instruction: Lectures from the face-to-face courses may be recorded and posted online for students to view. Other online components (e.g., tutorials, videos, discussions) will be included. All faculty who will deliver this course online are/will be OCDI (or appropriate equivalent) trained.

Integrity: Students will take exams through an online test-taking monitoring system, or they will take them at a proctored facility such as a community college in their area.

Interaction: At the discretion of the faculty, provisions and requirements would vary but generally will utilize Email, Web-Based Discussions, and Web-conferencing.

### **Model Syllabus (Part II)**

Please include the following information:

1. Course number and title: MBA 5670 Management of Information Technologies
2. Catalog description: An analysis of managerial issues related to information technologies. Topics include information strategies, information systems methodologies, management of information resources, and management of innovation and change.
3. Learning objectives.

Upon successful completion of the course, students will be able to:

#	All Students	Graduate Learning Goals
1	Explore and evaluate the issues involved in planning and budgeting in the rapidly changing areas of information technologies.	a. Depth of content knowledge b. Effective critical thinking and problem solving
2	Evaluate the role of information technologies in organizations.	a. Depth of content knowledge
3	Analyze the issues involved in the management of software, hardware, and human resource assets in the information technologies area.	a. Depth of content knowledge b. Effective critical thinking and problem solving
4	Analyze issues related to trust and reliability, liability, and compliance with regard to data assets.	a. Depth of content knowledge b. Effective critical thinking and problem solving
5	Evaluate the roles of telecommunications technologies, electronic commerce, and networking in an organization.	a. Depth of content knowledge b. Effective critical thinking and problem solving
6	Analyze the role of systems as planned organizational changes and the issues relating to the systems management, implementation, and planning process.	a. Depth of content knowledge b. Effective critical thinking and problem solving
7	Apply a variety of collaborative technologies and evaluate their respective roles as knowledge management tools in an organization.	a. Depth of content knowledge
8	Evaluate the role of decision support systems in an organization.	a. Depth of content knowledge
9	Analyze and evaluate security controls and their management in an organization.	a. Depth of content knowledge b. Effective critical thinking and problem solving
10	Develop strategies for dealing with innovation and the implementation of change in an organization.	a. Depth of content knowledge b. Effective critical thinking and problem solving c. Effective oral and written communication d. Advanced scholarship through research and creative activity

#### 4. Course materials.

- a. Text: Business Driven Technology (6<sup>th</sup> edition), Paige Baltzan, (2015). ISBN 9780073376905.
- b. Current academic literature on management of information technologies such as:
  - Arazy, O. and Kopak, R. (2011). On the Measurability of Information Quality, *Journal of the American Society for Information Science and Technology*, 62:1, 89-99.
  - Chiou, J. -S., & Shen, C. -C. (2012). The antecedents of online financial service adoption: The impact of physical banking services on Internet banking acceptance, *Behaviour and Information Technology*, 31:9, 859-871.
  - Li, Q., Yongbeom, K., Jeffrey, H., and Xin, T. (2011). The Effects of Social Influence on User Acceptance of Online Social Networks, *International Journal of Human-Computer Interaction*, 27:9, 885-899.
  - Kesharwani, A., & Bisht, S. S. (2012). The impact of trust and perceived risk on internet banking adoption in India: An extension of technology acceptance model, *International Journal of Bank Marketing*, 30:4, 303–322.
  - Nelson, R., Todd, P., Wixom, B. (2010). Antecedents of Information and System Quality: An Empirical Examination Within the Context of Data Warehousing, *Journal of Management Information Systems*, 21:4, 199-235.
  - Savolainen, R. (2011). Judging the Quality and Credibility of Information in Internet Discussion Forums, *Journal of the American Society for Information Science and Technology*, 7:2, 34-42.
  - Wonjin, J. (2007). Information Quality, User Information Satisfaction, and Decision Performance, *Review of Business Research*, 7:3, 68-79.

#### 5. Weekly outline of content.

Week	Topic	2.5-hour class period equivalents
1	Strategic information systems	1 periods
2	Business processes and enterprise systems	1 periods
3	Computer systems	1 periods
4-5	Software and IT infrastructure	2 periods
6	Data resources	1 periods
7	Telecommunications technologies	1 periods
8	E-commerce and e-business	1 periods
9	Business reorganization	1 periods
10	System-building approaches	1 periods
11	Knowledge management	1 periods
12	Decision support systems	1 periods
13	IT security and control	1 periods
14	Ethics and social impact	1 periods
15	Managing international IT	1 periods
16	Final exam	2 hours
		<b>Fifteen 2.5-hour periods + Two hours of final exam</b>

6. Assignments and evaluation, including weights for final course grade.  
Grade weighting may vary by instructor, but it is generally considered as follows:

- **Exams** (40% of total grade)
- **Assignments** (20% of total grade)  
Sample assignment: Written analysis of research articles and how they relate to material discussed in class and students' experience or career aspirations.
- **Research Project** (25% of total grade)  
Sample research project: Students will take undertake a research project that involves conducting an academic literature review of a specific topic discussed in class, and developing of a research model with related propositions/hypotheses.
- **Final Exam** (15% of total grade)

7. Grading scale.

90% or better	A
80-89%	B
70-79%	C
60-69%	D
Less than 60%	F

8. Correlation of learning objectives to assignments and evaluation.

The students' achievement of the stated course objectives will be assessed as follow:

Objectives	Exams	Assignments	Project	Final Exam
1	X	X		X
2	X	X	X	X
3	X	X	X	X
4	X		X	X
5	X			X
6	X	X		X
7	X	X		X
8	X		X	X
9	X	X	X	X
10	X	X		X

**Date approved by the discipline:** Approved by MIS/OM Discipline on March 24, 2015

**Date approved by the department or school:** School of Business Graduate Committee on April 7, 2015

**Date approved by the college curriculum committee:** October 20, 2015

**Date approved by the Honors Council (if this is an honors course):**

**Date approved by CAA:** CGS: 11/17/2015