DATE OF LAST REVIEW: 02/2013
CIP CODE: 15.1201
SEMESTER: Departmental Syllabus
COURSE TITLE: Computer Management Information Systems
COURSE NUMBER: CIST-0228
CREDIT HOURS: 3
INSTRUCTOR: Departmental Syllabus
OFFICE LOCATION: Departmental Syllabus
OFFICE HOURS: Departmental Syllabus
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EMAIL: Departmental Syllabus
KCKCC-issued email accounts are the official means for electronically communicating with our students.

PREREQUISITES: CIST-0101 Computer Concepts and Applications or CIST-0111 Microcomputer Business Software

REQUIRED TEXT AND MATERIALS: Please check with the KCKCC bookstore, http://www.kckccbookstore.com for the required text for your particular class.

COURSE DESCRIPTION: A study of the role information systems play in organizations. The course examines the influence information systems have on the objectives and structure of an organization. This course will focus on such topics as human aspects of computing, types of computer systems, and the general theory of systems.

METHOD OF INSTRUCTION: A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:
I. Organizational foundations of information systems
   A. Why information systems are used in a competitive business environment
   B. The new role of information systems in organizations
   C. Key system applications in an organization
   D. Strategic information system

II. Technical foundations of information systems
   A. Information systems software
   B. Managing data resources
   C. Incorporating telecommunications and networks into organizations
   D. Electronic commerce and electronic business

III. Information Technology Infrastructure
   A. Managing Hardware Assets
   B. Managing Software Assets
   C. Managing Telecommunications and Networks
   D. The Internet and the Information Technology Infrastructure

IV. Contemporary approaches used to build information systems
   A. Ways an organization might redesign the current information system
   B. Different approached used to build systems
   C. Review implementation of projects that were considered both successes and failures

V. Management and organizational support
   A. Management and the effects it has on organizations
   B. Systems and Infrastructure for Knowledge Management
   C. How management decision making may be enhanced

VI. Managing contemporary information systems
   A. Maintaining systems security and control
   B. International information systems differ from managing information systems in the United States
   C. Firm infrastructure and enterprise systems and how they should be managed

EXPECTED LEARNER OUTCOMES:

A. Upon completion of the course, the student will have a thorough understanding of the organizational foundations of information systems.
B. Upon completion of the course, the student will have a thorough understanding of the technical foundations of information systems.
C. Upon completion of the course, the student will have a thorough understanding of the foundations of Information Technology Infrastructure.
D. Upon completion of this course, the student will be able to identify contemporary approaches used to build information systems.
E. Upon completion of this course, the student will have a thorough understanding of management and organizational support.
F. Upon completion of this course, the student will have a thorough understanding of what skills and resources one needs to manage contemporary information systems.

COURSE COMPETENCIES:

Upon completion of the course, the student will have a thorough understanding of the organizational foundations of information systems.
1. The student will be able to identify why information systems are used in a competitive business environment.
2. The student will be able to identify the new role of information systems in organizations.
3. The student will be able to list the key system applications in an organization.
Upon completion of the course, the student will have a thorough understanding of the technical foundations of information systems.

4. The student will be able to identify a strategic information system.
5. The student will be able to identify information systems software.
6. The students will be able to identify effective ways to manage data resources.
7. The student will be able to envision ways to incorporate telecommunications and networks into organizations.
8. The student will complete assignments that focus on electronic commerce and electronic business.

Upon completion of the course, the student will have a thorough understanding of the foundations of Information Technology Infrastructure.

9. The student will be able to identify Hardware Assets.
10. The students will be able to identify Software Assets.
11. The student will be able to Managing Telecommunications and Networks in organizations.
12. The student will complete assignments that focus on The Internet and the Information Technology.

Upon completion of this course, the student will be able to identify contemporary approaches used to build information systems.

13. The students will complete assignments to aid in identifying ways an organization might redesign the current information system.
14. The student will be able to identify different approached used to build systems.

Upon completion of this course, the student will have a thorough understanding of management and organizational support.

15. The students will study the implementation of projects that were considered both successes and failures.
16. The student will have a thorough understanding of knowledge management and the effects it has on organizations.
17. The student will have a thorough understanding of Systems and Infrastructure for Knowledge Management.
18. The student will be able to identify ways in which management decision making may be enhanced.

Upon completion of this course, the student will have a thorough understanding of what skills and resources one needs to manage contemporary information systems.

19. The student will survey the different ways that an organization may maintain systems security and control.
20. The student will survey the ways that managing international information systems will differ from managing information systems in the United States.
21. The student will have a thorough understanding of firm infrastructure and enterprise systems and how they should be managed.
22. The student will have a thorough understanding of information deadlines and how they affect management.
23. The student will demonstrate an ability to meet deadlines.

ASSESSMENT OF LEARNER OUTCOMES:

Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center, in Rm. 3354 or call at: 288-7670.