1. **COURSE ID:** BUS. 103   **TITLE:** Business Information Systems   **C-ID:** BUS 140
   Units: 3.0 units **Hours/Semester:** 48.0-54.0 Lecture hours; 96.0-108.0 Homework hours; 144.0-162.0 Total
   Student Learning hours
   Method of Grading: Letter Grade Only
   Recommended Preparation:
   Eligibility for ENGL 100, or Eligibility for ENGL 105

2. **COURSE DESIGNATION:**
   Degree Credit
   Transfer credit: CSU; UC
   AA/AS Degree Requirements:
   CSM - GENERAL EDUCATION REQUIREMENTS: E5d. Career Exploration and Self-Development

3. **COURSE DESCRIPTIONS:**
   Catalog Description:
   An introduction to computer systems and software applications and their impact on the business
   environment. Topics include computer architecture, hardware, software, computer terminology and theory.
   Students use software applications as problem solving tools for business projects.

4. **STUDENT LEARNING OUTCOME(S) (SLO'S):**
   Upon successful completion of this course, a student will meet the following outcomes:
   1. Describe the basic business applications of information technology.
   2. Analyze crucial enterprise security challenges in business.
   3. Identify main components of business information technology.

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**
   Upon successful completion of this course, a student will be able to:
   1. Explain information technology concepts
   2. Explain information systems concepts and describe the use of information systems in an organizational
      context
   3. Identify, analyze and evaluate management information systems used in business.
   4. Utilize standard IT-based problem-solving tools for common business applications
   5. Demonstrate an understanding of the relevance and application of IT in society and identify the major
      ethical issues related to the use of IT

6. **COURSE CONTENT:**
   Lecture Content:
   1. Fundamentals of Information Systems
   2. Computers and Their Business Application
   3. Data and Business Intelligence
   4. Personal, Legal, Ethical, and Organizational Issues
   5. Protecting Information Resources
   6. Data Communication: Delivering Information Anywhere and Anytime
   7. A Connected World
   8. E-Commerce
   9. Global Information Systems
   10. Building Successful Information Systems
   11. Enterprise Systems
   12. Supporting Decisions and Processes
   13. Artificial Intelligence and Automation
   14. Emerging Trends, Technologies, and Applications

7. **REPRESENTATIVE METHODS OF INSTRUCTION:**
   Typical methods of instruction may include:
   A. Lecture
   B. Activity

C. Critique
  D. Discussion
  E. Guest Speakers

8. **REPRESENTATIVE ASSIGNMENTS**
Representative assignments in this course may include, but are not limited to the following:
Writing Assignments:
  A. A minimum of one analytical essay 3 - 5 pages in length on the topics assigned, which is related to the discussion in class during the week. For example, students might be asked to research the importance of MIS in a particular industry.
  B. Evaluate and write a 3 - 5 page paper to critique subjects related to class topics such as evaluating the pros and cons of data communication and the cloud.
Reading Assignments:
  - Weekly chapter reading assignments in the required textbook. Each week students will be required to read one chapter of 20 - 30 pages in length.
Other Outside Assignments:
  - None.
To be Arranged Assignments:
  - Not applicable

9. **REPRESENTATIVE METHODS OF EVALUATION**
Representative methods of evaluation may include:
  A. Class Participation
  B. Class Work
  C. Exams/Tests
  D. Group Projects
  E. Homework
  F. Oral Presentation
  G. Papers
  H. Portfolios
  I. Projects
  J. Quizzes
  K. Research Projects
  L. Written examination

10. **REPRESENTATIVE TEXT(S):**
Possible textbooks include:
  A. Bidgoli, Hossein. *MIS*, 11th ed. Boston, MA: Cengage Learning, Inc, 2024

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Curriculum Committee Approval Date: December 2023
Effective Term: Fall 2024
Course Originator: Philip Tran

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