SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
CIS 290S   CAPSTONE PROJECT
3 CREDIT HOURS

COURSE DESCRIPTION

Designed for CIS majors with a strong focus on teamwork and problem-solving. Provides an overview of the process required to develop computer information systems for office automation and decision support systems. Includes experience working with an organization to design a structured approach to problem definition and resolution. Students work in teams to complete a capstone project related to IS/IT. Prerequisite: Minimum of 18 CIS and/or CYB completed credit hours and department permission. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
3	1. Demonstrate skills in written and oral communication.	1, 2
3	2. Demonstrate the ability to work well in a group on various projects.	1, 2
4	3. Explain the need for project management.	1, 2
5	4. Defend your analysis of whether an implementation of an information system is a success or a failure.	3, 5
5	5. Integrate good ethical standards into all class work and apply ethics application to computers and information systems.	1, 2
5	6. Formulate a major team project that shows and understanding of the role, functions, and importance of management information systems.	6, 7, 8
4	7. Analyze information system case studies and provide recommendations for problems solving and implementation.	3, 5, 6
4	8. Explain the need for an orderly, structured method for the development of computer information systems.	6, 7, 8
5	9. Compile the planning, development and implementation procedures for systems development.	6, 7, 8
4	10. Explain the interaction between users and systems development professionals.	3, 6, 7, 8
5	11. Decide which program or tool would be best to help a client solve a problem using critical thinking and CIS knowledge.	3, 4, 5, 6

CORE VALUES

The core values are a set of principles that guide Edison State Community College in creating its educational programs and environment. They will be reflected in every aspect of the College. Students' educational experiences will incorporate the core values at all levels, so that a student who completes a degree program at Edison State Community College will not only have been introduced to each value but will have had them reinforced and refined at every opportunity.

TOPIC OUTLINE
1. Team Dynamics
2. Presentation Concepts
3. Project Management
4. The Modern Systems Analyst
5. Information Systems Implementation Success & Failure

6. Problem Solving
7. Case Studies