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:  CIS 100S or CIS 110S, and CIS 211S.  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 in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

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