

**Eastern New Mexico University
Strategic Plan and Student Learning Assessment Plan/Report
Academic Units 2006-2007**

Department: Information Systems

Strategic Plan Contact Person:

Dr. Daniel Gifondorwa

Phone: 562-2332

Assessment Coordinator:

Phone:

Mission

Our mission is to provide a quality undergraduate education that prepares students for a professional career in Information Systems. We achieve this mission through recruitment and retention of well-prepared students from high-schools and community colleges, a curriculum that is responsive to the Information Technology demands, the use of various media to deliver IS courses and encouraging students to prepare for industry certifications.

Link to University Mission

Information Systems program offers a curriculum that focuses on diverse career orientation in Information Technology industry and an opportunity for faculty members to pursue their professional and scholarship activities.

Link to College Mission:

Graduates from Information Systems program are well prepared to enter the job market and/or to pursue graduate education in Information Systems or Business fields.

Link to Graduate School Mission:

The Information Systems program does not offer a graduate degree.

URL

<http://www.enmu.edu/academics/undergrad/colleges/business/programs/index.shtml>

Strategic Plan

How have the Assessment Plan and the Strategic Plan been shared within the Unit?

IS faculty meet regularly and share their plans with the department chair, the College of Business council and the College of Business assessment coordinator.

Brief overview of progress on current year Strategic Plan

During the academic year 2006-2007, the Information Systems faculty members proposed to move away from the Computer Information Systems program that is heavily business-oriented and to develop a new Bachelor of Science degree in Information Systems. The new program is based on the IS2002 Model Curriculum which "outlines topical areas appropriate for a university four year program in Information Systems" (http://192.245.222.212:8009/IS2002Doc/Main_Frame.htm).

Progress to date on unit's Strategic Plan goals or objectives?

- Goal One: Enhance discipline assessment efforts.
- Goal Two: Enhance recruitment and retention mechanisms.
- Goal three: Enhance Information Technology curriculum.
- Goal four: Increase opportunities for faculty development.

Brief statement of significant changes from current year Plan to next year's proposed Plan

Presently, the College of Business offers a major as well as a minor in Computer Information Systems. The major in Computer Information Systems is composed of 21 common core credit hours and 6 elective credit hours. The minor in Computer Information Systems is composed of 9 required credit hours and 9 elective credit hours (see Undergraduate Catalog 2005-2007, page 41).

The newly proposed Bachelor of Science in Information Systems program is composed of 51 common core credits for the major and 18 credit hours for the minor. Students can select electives to meet the University requirements for the Bachelor of Science Degree. A minor is required, but a minor in Business Administration is highly recommended. Furthermore, students can select Cisco Certified Network Administrator (CCNA) coursework as any part of their required electives courses.

The following new courses will be offered in 2006-2007 academic year:

- IS 152: Personal Productivity
- IS 340: Analysis and Logical Design
- IS 301: Information Systems for Managers
- IS 460: Project Management

CIS 351 course which will become IS 281 in the proposed IS program has been modified to include a more quantitative content.

Finally, the Information Systems program has hired a new faculty member to help accomplish the Information Systems program mission.

Goal #3 Enhance Information Systems curriculum			
Objective(s) Strengthen the course rotation in the new IS program. Re-evaluate the IS curriculum every year to meet hardware and software changes and employment demands. Improve classroom and lab technologies.	Measures All IS faculty members are involved in designing the course rotation on a semester basis. Evaluate every year in accordance to technology changes. Funding for new technology and equipment necessary to deliver effectively IS program objectives.	Outcome(s) The only concern is the transition from old CIS program to the new IS program. Complete program evaluation every year. Match equipment and technology with IS technology demands.	Action(s) Taken Course rotation should start in the fall 2007. Continuous program evaluation. Request funding from the College of Business.

Form 1B: STRATEGIC PLAN 2007-2008

Objectives = specific targets or steps for accomplishing goals
Outcomes = results

Measures = specific performance data relating to the objective
Actions Taken = Use of results to improve planning or achieve department's mission

Goal #4 Increase opportunities for faculty professional development			
Objective(s) Increase travel funding. Develop constructive IS-oriented	Measures Total funds available to faculty. University-wide, College of	Outcome(s) More participation to conferences and professional development activities.	Action(s) Taken Continue to request funds from the administration.

faculty teaching evaluation.	Business, peer faculty and web-based evaluation tools.	Feedback from students and peer faculty.	Take corrective actions based on the feedback.
------------------------------	--	--	--

Form 2: ASSESSMENT PLAN/REPORT OF STUDENT LEARNING 2006-2007

Measure = Intended student learning outcome **Performance Criteria** = standard against which performance is assessed

Outcome = Result

Action Taken = Use of results to improve student learning

NOTE: Please attach all rubrics used for each learning objective.

PLAN		
Learning Objective #1	<p>Upon completion of CIS 151 course, students should be able to:</p> <ul style="list-style-type: none"> Operate a personal computer in network and stand-alone environments. Use paths and filenames, copy, rename, delete, and search for files. Access the Internet for research and communications. Send and receive messages using electronic mail. Create and edit business and academic documents using word processing. Open, save, and copy existing documents. Make use of tabs, margins, page numbering, justification, spell check, the Thesaurus, and fonts. Print documents and utilize the Help feature. Design, create, and use basic spreadsheets and graphics to include planning and documentation. Properly use labels, formulas, basic functions, formatting, and relative and absolute addressing. Copy and move cell contents, insert rows and columns, and print. Create and use simple databases, including changing the working directory, creating tables, opening existing tables. Prepare queries and reports. Create and edit simple presentations. Create documents that combine word processing, spreadsheets, and graphics 	<p>Gen Ed. Competency? <input type="checkbox"/> No <input type="checkbox"/> Yes Competency Number _____</p>
Measure(s)	Performance Criteria	Timeline/Population
1a. CIS 151 Competency exam: questions are selected from Thompson Learning exam and carefully mapped to our CIS 151 learning objectives.	1a. The passing score on CIS 151 Competency Exam in all CIS 151 content areas will be 70% or C. 1b. It is expected that 50% of those who take the exam will obtain a passing grade.	1a. Fall and Spring of 2007-2008 academic year.
REPORT		
Finding(s) or Outcome(s)	Action(s) Taken	Timeline for Action(s)
1a. The competency exam will be given at the beginning of	1a. IS faculty will continue monitoring the result and adjust	1a. Fall and spring of 2007-2008

the fall and spring semesters. Results will be available upon completion of the exam. It will also serve as a pre-test and post-test for those who will participate in face-to-face instruction as a result of failing the exam.	the exam to reflect the IS trends on a yearly-basis.	academic year.
--	--	----------------

PLAN		
Learning Objective #2	Assess individual performance of IS program graduates seeking entry-level employment in Information Systems and to validate the educational program in comparison to the IS2002 Model Curriculum.	Gen Ed. Competency? ___No ___ Yes Competency Number _____
Measure(s)	Performance Criteria	Timeline/Population
2a. The ISA certification exam designed by Institute for Certification of Computing Professional (ICCP) and the Center for Computing Education Research (CCER).	60% of the students taking the ISA certification will score around the national average.	Fall and spring semesters.
REPORT—[Detail actions on Form 3]		
Finding(s) or Outcome(s)	Action(s) Taken	Timeline for Action(s)
2a. This semester, the ISA certification exam was given to students who didn't follow the IS2002 Model Curriculum and the results were satisfactory: the success rate was 47%.	2a. Adopting the IS2002 Model Curriculum.	2a. The administration of ISA certification exam started in spring 2007.

Note: Add as many of the above tables as necessary.

Form 3: DETAILED ACTION PLANS and PLANNED CHANGES

Listed below are the improvements in the program over the past year that have resulted from the above assessment findings.

Changes to Plan:

1. Revise Student Outcome Objective(s)
2. Revise Measurement Approach(es)
3. Collect and Analysis Additional Data and Information
4. Change Method(s) of Data Collection

- 5. Change Timetable for Data Collection
- 6. Other planned change(s)

Detailed description of each checked item:

Changes to Academic Processes:

	Implemented Changes	Planned Changes
1. Modify Frequency or Schedule of Course Offerings	<input type="checkbox"/>	<input type="checkbox"/>
2. Make Technology Related Improvements	<input type="checkbox"/>	<input type="checkbox"/>
3. Make Personnel Related Changes	<input type="checkbox"/>	<input type="checkbox"/>
4. Implement Additional Training	<input type="checkbox"/>	<input type="checkbox"/>
5. Revise Advising Standards or Processes	<input type="checkbox"/>	<input type="checkbox"/>
6. Revise Admission Criteria	<input type="checkbox"/>	<input type="checkbox"/>
7. Other Implemented or planned change(s)	<input type="checkbox"/>	<input type="checkbox"/>

Detailed description of each checked item:

Changes to Curriculum:

	Implemented Changes	Planned Changes
1. Revise and/or Enforce Prerequisites	<input type="checkbox"/>	<input type="checkbox"/>
2. Revise Course Sequence	<input type="checkbox"/>	<input type="checkbox"/>
3. Revise Course Content	<input type="checkbox"/>	X
4. Add Course(s)	<input type="checkbox"/>	<input type="checkbox"/>
5. Delete Course(s)	<input type="checkbox"/>	<input type="checkbox"/>
6. Other implemented or planned change(s)	<input type="checkbox"/>	X

Detailed description of each checked item:

Student Learning objective #1: Computer literacy skills: CIS 151 Competency Exam

Student Learning objective #2: Assess individual student performance: ISA Certification Exam.