

Annual Goals for Computer Information Systems

2010-2011

Title:	Academic Improvement
Description:	Academic Improvement Initiative for CIS Department: (1) Development of a certificate program focused on SAP and identify existing courses which would support this certificate within the CIS major. (2.) Collaborate with other departments in the development of a project management certificate and identify existing courses which can be used to support the certificate program.
Budget:	0.00
University Goals:	1
Strategic Goals:	195,196
Responsibility:	Department Chair
Participation:	Faculty and Industrial Advisory Board
Results:	Courses have been developed and approved for MBA SAP concentration and work is underway for SAP certificate. Faculty are in training programs for implementation of SAP in more CIS courses at both graduate and undergraduate levels. Collaboration continues to develop project management curriculum. MBA Project Management Concentration and P-Graduate Certificate in Project Management have been approved by University and by ACHE. Implementation is underway for the concentration and the certificate will be launched soon. Undergraduate courses have been developed in project management and an undergraduate minor and/or certificate will be proposed within the upcoming year.
Actions:	Faculty professional development has centered around these two academic areas.
Improvements:	Work will continue on expanding the offerings in SAP and Project Management.

Title:	Career Services Initiative
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Description: Enhance the ability of students to be successful in appropriate career placements 1. Raise visibility of Office of Career Planning and Development among CIS students; and 2. Establish an ongoing co-op program for qualified students who seek full-time discipline-specific work experiences for two or more semesters during their college careers.

Budget: 0.00

University Goals: 1,2,5

Strategic Goals: 195,196

Responsibility: Department Chair

Participation: Faculty

Results:

Actions:

Improvements:

Title: Assessment Process

Description: Enhance the assessment process within the CIS department 1. Continuing to organize and meet with the CIS Industrial Advisory Board and 2. Continuing to advance our assessment of learning outcomes program as detailed in our self study report to ABET.

Budget: 0.00

University Goals: 1

Strategic Goals: 195,196

Responsibility: Department Chair

Participation: Faculty, Career Planning and Development

Results:

Actions:

Improvements:

Title: Global Awareness

Description: Expand the opportunities for students to have international learning experiences and awareness of the global economy: (1) Support the College of Business initiative to raise funds and send 1 or 2 students on a learning experience in Asia. (2) Introduce global topics related to computing in at least two CIS courses.

Budget: 0.00

University Goals: 1

Strategic Goals: 195,196

Responsibility:

Participation:

Results:

Actions:

Improvements:

Title: Recruitment

Description: Enhance efforts to increase the number of CIS students at the undergraduate level 1. Expand efforts to recruit students from area high schools 2. Expand efforts to recruit students from community colleges.

Budget: 0.00

University Goals: 2,5

Strategic Goals:

Responsibility:

Participation:

Results:

Actions:

Improvements:

Title: Student Professional Involvement

Description: Increase student involvement in professional organizations and activities. 1. Support students in their activities involving the CIS/AIS club at both the local and national level 2. Encourage students to enter AIS and PBL competitions 3. Encourage students to seek professional certifications in their areas of interest.

Budget: 0.00

University Goals: 2

Strategic Goals: 195,196

Responsibility:

Participation:

Results:

Actions:

Improvements:

Student Learning Outcomes for Computer Information Systems

2010-2011

Title: Communication

Description: An ability to communicate effectively with a wide range of audiences (ABET Outcome f) College of Business Goal 1: To be able to communicate effectively

Budget: \$0.00

Core Competencies: 1

25% Online:

50% Online:**Core Competencies:**

1

How Often: Every 3 years**Assessed this Year?** No**Responsibility:** Outcome f coordinator**Participation:** CoB Goal 1 Coordinator; Faculty; External Reviewers**Direct Assessments**

Individual written reports, presentations

Indirect Assessments

EBI

Results: Not assessed this year. Summary of analysis of results from last year's assessment are attached.**Curriculum:** •Collaborate in Team Discussion Posting where students analyze good and bad versions of analytical reports to have a better understanding of “clear purpose and organization”, “sufficient supporting data”, and “direct and economical style”. •Complete Grammar Quiz with required retakes until at 80% minimum mastery before allowing student to work on the first writing assignment; tutorial and resource links provided to assist in mastery. •Groups participate in required practice session before presentation date; practice is recorded and uploaded to learning management system; each person completes self-reflection activity after viewing recording.**Actions:** •Monitor Item Analysis from specific questions relating to “appropriate choice of presentation media” on two existing course exams. •Peer Presentation Groups complete evaluations for OTHER groups presenting

(live or recorded); includes a rating system and open-ended feedback.

Improvements: Set up both written and oral presentation modules in Angel learning management system available for all COB Faculty that can be incorporated into any COB course requiring written assignments and/or presentations; repository will house adopted rubrics, files from action plan, and many resources on the topics.

Title:	Computing and Mathematics
Description:	An ability to apply knowledge of computing and mathematics appropriate to the discipline (ABET Learning Outcome a)
Budget:	\$0.00
Core Competencies:	3
25% Online:	
50% Online:	
Core Competencies:	3
How Often:	
Assessed this Year?	
Responsibility:	
Participation:	
Direct Assessments	
Indirect Assessments	

Results:

Curriculum:

Actions:

Improvements:

Title:	Requirements development
Description:	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution (ABET Learning Outcome b) / CoB Goal 5: To be able to identify, analyze and solve business-related problems and opportunities and to make effective decisions
Budget:	\$0.00
Core Competencies:	2,4
25% Online:	
50% Online:	
Core Competencies:	2,4
How Often:	Every 3 years
Assessed this Year?	Yes
Responsibility:	Outcome b coordinator
Participation:	CoB Goal 1 Coordinator; Faculty
Direct Assessments	
	Projects
Indirect Assessments	
	EBI

syllabus review

syllabus review

Results:	Embedded projects were completed and graded in MG 420 and EBI survey was administered in MG 498 during spring 2011. Preliminary results are available (attached) from the EBI survey. Analysis of the embedded projects will be conducted in Fall 2011.
Curriculum:	No curriculum changes have been proposed, pending the completion of the analysis of results listed above.
Actions:	No other actions have been proposed, pending the completion of the analysis of results listed above.
Improvements:	The next step in the process is to analyze the results and create an action plan, if actions are indicated.

Title:	Computer based solution
Description:	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs (ABET Learning Outcome c)
Budget:	\$0.00
Core Competencies:	2,3,4
25% Online:	
50% Online:	1
Core Competencies:	2,3,4
How Often:	Every 3 years
Assessed this Year?	Yes
Responsibility:	Goal c coordinator
Participation:	All CIS faculty/Project clients/Industrial Advisory Board
Direct	

Assessments

Projects

Indirect Assessments

Results:

Curriculum:

Actions:

Improvements:

Title:	Information Systems Environment
Description:	An understanding of processes that support the delivery and management of information systems within a specific application environment (ABET Learning Outcome j)
Budget:	\$0.00
Core Competencies:	5
25% Online:	
50% Online:	
Core Competencies:	5
How Often:	
Assessed this Year?	
Responsibility:	

Participation:**Direct
Assessments****Indirect
Assessments****Results:****Curriculum:****Actions:****Improvements:**

Title:	Teamwork
Description:	An ability to function effectively on teams to accomplish a common goal (ABET Learning Outcome d)/ College of Business Goal 2: To be able to demonstrate qualities of leadership and teamwork.
Budget:	\$0.00
Core Competencies:	1
25% Online:	
50% Online:	
Core Competencies:	1
How Often:	Every 3 years
Assessed this Year?	No

Responsibility: Outcome d coordinator
Participation: COB Goal 2 coordinator; program coordinator; faculty

**Direct
Assessments**

projects

**Indirect
Assessments**

syllabus review

syllabus review

Results: We captured assessment data for two courses for Leadership in 2011S; this data will be analyzed and reported as part of my annual report, which I will get done by mid-July 2011 or earlier. EBI survey preliminary results for spring 2011 area attached.

Curriculum: No changes have been made at this time.

Actions:

Improvements: Three undergraduate and three graduate courses are currently in the assessment plan for Teamwork; we did our first calibration assessment in 2009S and will do our second assessment of teamwork in 2011F. We may have more courses than we need in this assessment plan, and will review after the next assessment to determine if an adjustment should be made.

Title: Ethical and Social Understanding

Description: An understanding of professional, ethical, legal, security, and social issues and responsibilities (ABET Learning Outcome e)/ CoB Goal 3: To be able to act professionally and ethically.

Budget: \$0.00

**Core
Competencies:** 2,4,5

25% Online:

50% Online: 1

Core Competencies: 2,4,5

How Often: Every 3 years

Assessed this Year? No

Responsibility: Outcome e Coordinator

Participation: CoB Goal 3 coordinator, Program Coordinator, Management Faculty Team, Department Chairs, CIS Industrial Advisory Board

Direct Assessments

Indirect Assessments

EBI institutional questions and EBI standard questions

Syllabus Review

Syllabus Review

Results: a. Survey of students (44 students participating; 17 item survey) enrolled in CoB undergraduate courses summer 2010: Using Ethical Issues Awareness rubric, one item was identified as possibly needing improvement. It is recommended that for future surveys, this item needs to be reworded for clarification. b. Quiz on Ethics and Business Decision Making chapter in two BL 240 (Business Law) sections fall 2010 (46 undergraduate students participating): Forty-six students equally divided between two sections (one on-campus/hybrid and one internet) completed the quiz specifically addressing ethics and business decision making and scored 84% and 86% respectively.

Curriculum: No curriculum changes have been made at this time as assessment results did

not indicate a need for such.

Actions: As a result of the quiz scores and EBI responses in BL 240, three discussion topics were created and/or refined for the subsequent semester. The three discussion topics covered ethics, professional responsibility, and strategic misrepresentation/lying in negotiations.

Improvements:

Title: Local and Global Impact of Computing

Description: An ability to analyze the local and global impact of computing on individuals, organizations, & society (ABET Learning Outcome g)

Budget: \$0.00

Core Competencies: 5

25% Online:

50% Online:

Core Competencies: 5

How Often: Every 3 years

Assessed this Year? Yes

Responsibility: Goal g Coordinator

Participation: CoB Goal 4 coordinator, Program Coordinators, International Business Faculty, Department Chairs, International Student Services Staff

Direct Assessments

Embedded case study and case analysis report

Indirect Assessments

EBI institutional questions and EBI standard questions

Syllabus review

Syllabus review

- Results:** A case study, entitled "How BofA Banks on Offshoring" from BusinessWeek, was embedded into two undergraduate classes. The two courses are: 1) EC/FI 463: International Trade & Finance and 2) MG/MK 491: International Business. Students were required to write a case study report focusing on three specific questions. The expectation score was set at 75%. There were a total of 51 received case reports: 16 from the EC/FI 463 class and 35 from the MG/MK 491 class. Students' submissions were evaluated by two independent faculty members (other than the instructors), Jackie Williams and Paul Zhang, using the same rubric. The grading results from the two were averaged. Overall, the average score is 80.42%, above the expectation score 75%. A breakdown of scores for the individual questions is as follows: Q1: 3.51/4.00; Q2: 3.07/4.00; Q3: 3.07/4.00; Total: 9.65/12.00; Percentage: 80.42%. The grading rubric is attached.
- Curriculum:** No curriculum changes have been made. Further analysis will be conducted in the Fall of 2011. After that, syllabi and assignments will be reviewed and discussed with outside experts to determine if any curriculum modification is required.
- Actions:** No other actions/improvements (other than curriculum) have been made. Actions/improvements will be taken, if necessary, pending the outcomes of analyses above.
- Improvements:** No actions or improvements are planned at this stage. Actions/improvements will be taken, if necessary, pending the outcomes of analyses above.

Title:	Continuing Professional Development
Description:	Recognition of the need for and an ability to engage in continuing professional development (ABET Learning Outcome h)
Budget:	\$0.00
Core Competencies:	5
25% Online:	
50% Online:	
Core	5

Competencies:

How Often:

**Assessed this
Year?**

Responsibility:

Participation:

**Direct
Assessments**

**Indirect
Assessments**

Results:

Curriculum:

Actions:

Improvements:

Title:	Computing Practice
Description:	An ability to use current techniques, skills and tools necessary for computing practice. (ABET Learning Outcome i)
Budget:	\$0.00
Core Competencies:	3
25% Online:	
50% Online:	

Core Competencies: 3

How Often:

Assessed this Year?

Responsibility:

Participation:

Direct Assessments

Indirect Assessments

Results:

Curriculum:

Actions:

Improvements:

Student Learning Outcomes for Computer Information Systems

2010-2011

Title: Communication

Description: An ability to communicate effectively with a wide range of audiences (ABET Outcome f) College of Business Goal 1: To be able to communicate effectively

Budget: \$0.00

Core Competencies: 1

25% Online:

50% Online: 1

Core Competencies: 1

How Often: Every 3 years

Assessed this Year? No

Responsibility: CIS Outcome f coordinator

Participation: CoB Goal 1 Coordinator; Faculty; External Reviewers

Direct Assessments

Individual written reports, presentations

Indirect Assessments

EBI

syllabus review, observation

syllabus review, observation

Results: Not assessed this year. Analysis of last year's results indicates that CIS majors do not meet expectations in written communications. Summary of analysis of results from last year's assessment are attached.

Curriculum: Actions taken at the CIS Department level include the following: •Maintain a high degree of insistence that all communications meet the expectations for

standard English grammar, punctuation, and spelling. •Apply standards of communication to all forms of communication including e-mails and discussion board postings and address deficiencies where they happen. Add elements to all syllabi which indicate that failure to conform to these standards will result in grade penalties. •Refer students as needed to the writing resources, including the Writing Center, various websites, and the Angel repository. Actions taken at the College Level to address deficiencies include the following: •Collaborate in Team Discussion Posting where students analyze good and bad versions of analytical reports to have a better understanding of “clear purpose and organization”, “sufficient supporting data”, and “direct and economical style”. •Complete Grammar Quiz with required retakes until at 80% minimum mastery before allowing student to work on the first writing assignment; tutorial and resource links provided to assist in mastery. •Groups participate in required practice session before presentation date; practice is recorded and uploaded to learning management system; each person completes self-reflection activity after viewing recording.

Actions: •Monitor Item Analysis from specific questions relating to “appropriate choice of presentation media” on two existing course exams. •Peer Presentation Groups complete evaluations for OTHER groups presenting (live or recorded); includes a rating system and open-ended feedback.

Improvements: Set up both written and oral presentation modules in Angel learning management system available for all COB Faculty that can be incorporated into any COB course requiring written assignments and/or presentations; repository will house adopted rubrics, files from action plan, and many resources on the topics.

Title:	Computing and Mathematics
Description:	An ability to apply knowledge of computing and mathematics appropriate to the discipline (ABET Learning Outcome a)
Budget:	\$0.00
Core Competencies:	3
25% Online:	
50% Online:	
Core Competencies:	3
How Often:	Every 3 years
Assessed this	Yes

Year?

Responsibility: CIS Outcome a coordinator

Participation:

**Direct
Assessments**

projects; presentations

**Indirect
Assessments**

EBI

Career fairs, observation

Career fairs, observation

Results: Students are meeting expectations in the area of applying knowledge of computing. In CIS 486, 70 percent of the students successfully completed the major client-facing system project with a high level of performance and 5 percent scored below our satisfactory performance expectation. To balance the assessment load over the three year cycle and to align the assessment cycles for College of Business Goals and CIS department goals, the mathematics part of this assessment was deferred to next year. Presentations from this year's CIS 486 class were videotaped and will be further evaluated as part of the mathematics portion of this assessment process.

Curriculum: Work is underway based on previous assessments to incorporate additional work in Project Management topics into CIS 330 and CIS 406, in addition to the project management focus of CIS 486. The use of client-facing projects in CIS 486 requires that the students enter with this skill set.

Actions: Faculty are developing expertise in SPA ERP systems and will begin incorporating ERP technologies systematically throughout the curriculum. This action is based on feedback gained from interactions with local employers concerning the needs they have for graduates with these skill sets.

Improvements:

Title: Requirements development

Description:	An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution (ABET Learning Outcome b) / CoB Goal 5: To be able to identify, analyze and solve business-related problems and opportunities and to make effective decisions
Budget:	\$0.00
Core Competencies:	2,4
25% Online:	
50% Online:	
Core Competencies:	2,4
How Often:	Every 3 years
Assessed this Year?	No
Responsibility:	CIS Outcome b coordinator
Participation:	CoB Goal 1 Coordinator; Faculty
Direct Assessments	
	Projects
Indirect Assessments	
	EBI
	syllabus review
	syllabus review
Results:	Good progress is being made toward this learning outcome. Embedded projects were completed and graded in MG 420 and EBI survey was administered in MG 498 during spring 2011. Preliminary results are available (attached) from the EBI survey. Analysis of the embedded projects will be conducted in Fall 2011.

Curriculum:	No curriculum changes have been proposed, pending the completion of the analysis of results listed above.
Actions:	No other actions have been proposed, pending the completion of the analysis of results listed above.
Improvements:	The next step in the process is to analyze the results and create an action plan, if actions are indicated.

Title:	Computer based solution
Description:	An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs (ABET Learning Outcome c)
Budget:	\$0.00
Core Competencies:	2,3,4
25% Online:	
50% Online:	1
Core Competencies:	2,3,4
How Often:	Every 3 years
Assessed this Year?	Yes
Responsibility:	CIS Outcome c coordinator
Participation:	All CIS faculty/Project clients/Industrial Advisory Board
Direct Assessments	

Projects

Indirect Assessments

	syllabus review, observation
	syllabus review, observation
Results:	Analysis of the client-facing projects conducted in CIS 486 and of the projects completed in CIS 456 indicate that all expectations are met or exceeded. No changes in curriculum are indicated.
Curriculum:	None.
Actions:	None.
Improvements:	None.

Title:	Information Systems Environment
Description:	An understanding of processes that support the delivery and management of information systems within a specific application environment (ABET Learning Outcome j) / CoB Goal 5: To be able to identify, analyze and solve business-related problems and opportunities and to make effective decisions
Budget:	\$0.00
Core Competencies:	5
25% Online:	
50% Online:	
Core Competencies:	5
How Often:	Every 3 years
Assessed this Year?	Yes
Responsibility:	CIS Outcome j coordinator
Participation:	CoB Goal 5 Coordinator; all CIS faculty; Industrial Advisory Board
Direct Assessments	

Embedded Projects; Embedded case study

**Indirect
Assessments**

EBI

syllabus review; observation

syllabus review; observation

Results: Data were collected in Spring semester from MG 420 case study and CIS 486 client-facing projects. The data will be analyzed during fall 2011 and reported during spring 2011 to faculty and IAB. Preliminary analysis indicates that expectations are being met for this CIS learning outcome and for CoB Goal 5.

Curriculum: No curriculum changes are indicated at this time. The attached rubric will be used as a guide in evaluating the MG 420 cases developed by CIS majors.

Actions: No other changes are indicated at this time.

Improvements: Plans are to continue the client facing projects in CIS 486 and maintain a high level of involvement in the process by the clients and the IAB.

Title: Teamwork

Description: An ability to function effectively on teams to accomplish a common goal (ABET Learning Outcome d)/ College of Business Goal 2: To be able to demonstrate qualities of leadership and teamwork.

Budget: \$0.00

**Core
Competencies:** 1

25% Online:

50% Online:

**Core
Competencies:** 1

How Often: Every 3 years

**Assessed this
Year?** No

Responsibility: CIS Outcome d coordinator

Participation: CoB Goal 2 coordinator; program coordinator; faculty

**Direct
Assessments**

projects

**Indirect
Assessments**

syllabus review

syllabus review

Results: We captured assessment data for two courses for Leadership in 2011S; this data will be analyzed and reported as part of my annual report, which I will get done by mid-July 2011 or earlier. EBI survey preliminary results for spring 2011 are attached.

Curriculum: No changes have been made at this time.

Actions: No changes have been made at this time.

Improvements: Three undergraduate and three graduate courses are currently in the assessment plan for Teamwork; we did our first calibration assessment in 2009S and will do our second assessment of teamwork in 2011F. We may have more courses than we need in this assessment plan, and will review after the next assessment to determine if an adjustment should be made.

Title: Ethical and Social Understanding

Description: An understanding of professional, ethical, legal, security, and social issues and responsibilities (ABET Learning Outcome e)/ CoB Goal 3: To be able to act professionally and ethically.

Budget: \$0.00

**Core
Competencies:** 2,4,5

25% Online:

50% Online: 1

Core Competencies:	2,4,5
How Often:	Every 3 years
Assessed this Year?	No
Responsibility:	CIS Outcome e Coordinator
Participation:	CoB Goal 3 coordinator, Program Coordinator, Management Faculty Team, Department Chairs, CIS Industrial Advisory Board
Direct Assessments	
	Embedded test questions
Indirect Assessments	
	EBI institutional questions and EBI standard questions
	Syllabus Review
	Syllabus Review
Results:	a. Survey of students (44 students participating; 17 item survey) enrolled in CoB undergraduate courses summer 2010: Using Ethical Issues Awareness rubric, one item was identified as possibly needing improvement. It is recommended that for future surveys, this item needs to be reworded for clarification. b. Quiz on Ethics and Business Decision Making chapter in two BL 240 (Business Law) sections fall 2010 (46 undergraduate students participating): Forty-six students equally divided between two sections (one on-campus/hybrid and one internet) completed the quiz specifically addressing ethics and business decision making and scored 84% and 86% respectively.
Curriculum:	No curriculum changes have been made at this time as assessment results did not indicate a need for such.
Actions:	As a result of the quiz scores and EBI responses in BL 240, three discussion topics were created and/or refined for the subsequent semester. The three discussion topics covered ethics, professional responsibility, and strategic

misrepresentation/lying in negotiations.

Improvements:

Title:	Local and Global Impact of Computing
Description:	An ability to analyze the local and global impact of computing on individuals, organizations, & society (ABET Learning Outcome g)
Budget:	\$0.00
Core Competencies:	5
25% Online:	
50% Online:	
Core Competencies:	5
How Often:	Every 3 years
Assessed this Year?	Yes
Responsibility:	CIS Outcome g Coordinator
Participation:	CoB Goal 4 coordinator, Program Coordinators, International Business Faculty, Department Chairs, International Student Services Staff
Direct Assessments	

Embedded case study and case analysis report

Indirect Assessments

EBI institutional questions and EBI standard questions

Syllabus review

Syllabus review

Results:	Expectations are being met in this goal. A case study, entitled "How BofA Banks on Offshoring" from BusinessWeek, was embedded into two undergraduate classes. The two courses are: 1) EC/FI 463: International Trade & Finance and 2) MG/MK 491: International Business. Students were required to write a case study report focusing on three specific questions. The expectation score was set at 75%. There were a total of 51 received case reports: 16 from the EC/FI 463 class and 35 from the MG/MK 491 class. Students' submissions were evaluated by two independent faculty members (other than the instructors), Jackie Williams and Paul Zhang, using the same rubric. The grading results from the two were averaged. Overall, the average score is 80.42%, above the expectation score 75%. A breakdown of scores for the individual questions is as follows: Q1: 3.51/4.00; Q2: 3.07/4.00; Q3: 3.07/4.00; Total: 9.65/12.00; Percentage: 80.42%. The grading rubric is attached.
Curriculum:	No curriculum changes have been made. Further analysis will be conducted in the Fall of 2011. After that, syllabi and assignments will be reviewed and discussed with outside experts to determine if any curriculum modification is required.
Actions:	No other actions/improvements (other than curriculum) have been made. Actions/improvements will be taken, if necessary, pending the outcomes of analyses above.
Improvements:	No actions or improvements are planned at this stage. Actions/improvements will be taken, if necessary, pending the outcomes of analyses above.

Title:	Continuing Professional Development
Description:	Recognition of the need for and an ability to engage in continuing professional development (ABET Learning Outcome h)
Budget:	\$0.00
Core Competencies:	5
25% Online:	
50% Online:	
Core Competencies:	5
How Often:	Every 3 years
Assessed this Year?	No

Responsibility: CIS Outcome h coordinator

Participation: Faculty, Career Planning and Development

**Direct
Assessments**

specialized exam participation rates; success rates in PBL and AIS competitions

**Indirect
Assessments**

student participation in AIS student chapter

Results: Not scheduled for assessment this year. Last assessment was in 2007-2008 and expectations were met at that time.

Curriculum: No curriculum changes were made related to this goal.

Actions: Students are encouraged to participate in outside activities through the AIS Student Chapter. These include participation in local and regional AIS organization events, professional conferences, and certification training and exams.

Improvements: Next assessment scheduled for 2011-2012. The target will be an increase in the number and percentage of CIS graduating seniors who have achieved at least one certification and attended at least one outside-of-class professional meeting or workshop. At least half of the graduating seniors will be expected to participate actively in the AIS student chapter activities.

Title: Computing Practice

Description: An ability to use current techniques, skills and tools necessary for computing practice. (ABET Learning Outcome i)

Budget: \$0.00

**Core
Competencies:** 3

25% Online:

50% Online:

Core Competencies: 3

How Often: Every 3 years

Assessed this Year? No

Responsibility: CIS Outcome i coordinator

Participation: Faculty and Industrial Advisory Board

Direct Assessments

Projects

Indirect Assessments

Results: Not scheduled for assessment this year. Last assessment was in 2007-2008 and expectations were met at that time.

Curriculum: n. a.

Actions: n. a.

Improvements: n. a.