

University of Guam
College of Natural and Applied Sciences (CNAS)
CNAS Assessment Committee

I. COMPUTER SCIENCE/COMPUTER INFORMATION SYSTEMS (CS/CIS) SUMMARY OF ASSESSMENT ACTIVITIES

Activity	Description of Activity	Date of Implementation	Date for Completion	Update
1. Spring 2007 WASC Poster Presentation of Assessment Plans	Program Learning Objective Assessment Plan	AY 2007-2008	Fall 2008	Submitted poster to CNAS Assessment Committee January 2007 for WASC Poster Session; Contact Chair of CNAS Assessment Committee for details (htaijeron@yahoo.com).
	General Education Learning Objective Assessment Plan	AY 2007-2008	Indefinite	Submitted poster to CNAS Assessment Committee January 2007 for WASC Poster Session; Contact Chair of CNAS Assessment Committee for details (htaijeron@yahoo.com).
	Developmental CS/CIS Learning Objective Assessment Plan	AY 2007-2008	Indefinite	Submitted poster to CNAS Assessment Committee January 2007 for WASC Poster Session; Contact Chair of CNAS Assessment Committee for details (htaijeron@yahoo.com).
2. Degree Program Review Report	PR Closing the Loop Report Report; Date Covered by Review: 1998-2005	Fall 2008	Fall 2008	Forwarded Program Review Closing the Loop Report to university EET-AQ Committee September 2008; Contact Chair of CNAS Assessment Committee for details (htaijeron@yahoo.com).
3. CS/CIS Degree Program SLOs	Finalize Degree Program SLOs	Fall 2007	Spring 2008	Go back to the SLOs/CMs icon in this website for details and updated Program SLOs.
4. Insertion of SLOs in Course Outlines and Syllabi, Curricular Mappings	Insertion of defined SLOs in Course Outlines	Spring 2008	September, 2008	Approved by CNAS-AAC and CNAS Dean; Go back to the Course Outlines icon in this website for details.
	Insertion of defined SLOs in Course Syllabi (proposed course syllabus template only)	Fall 2008	December, 2008	Go back to the Course Syllabi icon in this website for details.
	Curricular Mappings	Spring 2008	Fall 2008	Go back to the SLOs/CMs icon in this website for details.
5. CNAS Assessment CS/CIS Subcommittee on CS and CIS Assessment Activities	CS/CIS Faculty Presentation of CS/CIS Updated Assessment Plans/Reports/Activities to CNAS Faculty, Spring 2008.	Fall 2007	Spring 2008	Updated Assessment Plans/Reports/Activities for CS/CIS presented to CNAS Faculty April 2008.
	CS/CIS Assessment Exemplar Report to University EET-AQ Committee	Fall 2008	Fall 2008	Submitted by Dr. Fenglien Lee to CNAS Assessment Committee September 2008 and forwarded to university EET-AQ Committee; See Section II below for details.
	Dr. Fenglien Lee's Report for Attending the WASC "Science of Learning" Workshop @ CAL POLY POMONA	Fall 2007	Fall 2007	Dr. Lee presented his report fall 2007 to CNAS Assessment Committee.

II. IDENTIFICATION OF CS/CIS ASSESSMENT EXEMPLARS

ASSESSMENT ACTIVITY	SUMMARY OF OUTCOMES AND CHANGES
<p>Assessment for CS315 (Database Management Systems) by Dr. Fenglien Lee: Using the Microsoft Access to design a simple business database system to assess student learning outcomes (SLO) in this course. To reach the goal, students should be able to achieve the following objectives:</p> <ol style="list-style-type: none"> 1. Data collection, organization and understanding; 2. Using collected data to create and normalize tables; 3. Using normalized tables to create, test and implement the database; 4. Database management and customer training. 	<p>From the assessment results, we found that:</p> <ol style="list-style-type: none"> 1. Most students are able to reach objectives 1 and 3 successfully; 2. For objective 2, Dr. Lee had to emphasize both theoretical and practical aspects on table normalization; 3. For objective 4, Dr. Lee had to give students more time to develop database management and user training skills. <p>Dr. Lee will continue to do similar assessments for CS315 to improve SLOs if necessary.</p>

III. DETAILED SUMMARY OF AY 2007-2008 ASSESSMENT STUDY REPORTS SUBMITTED BY CS/CIS FACULTY (In progress)