

Assessment Report

Program - CEC Information Technology SLO (BS)

Mission: The degree program in Information Technology provides graduates (1) a quality technical education to prepare them for a productive career, (2) a broad-based education that will form the basis for personal growth and lifelong learning, (3) the communication skills and social and ethical awareness necessary for the effective and responsible practice of the profession, and (4) an environment in which students from all groups, including the traditionally underrepresented, may successfully pursue the study of Information Technology. The degree program maintains a diverse student population and a dedicated and qualified faculty who actively pursue excellence in teaching.

<i>Outcomes</i>	<i>Assessment Method</i>	<i>Results</i>	<i>Use of Results for Improvement</i>
<p>Practical proficiency in state-of-the-art software systems/Content Knowledge - Students will demonstrate practical proficiency in selection, installation, customizing and maintenance of the state-of-the-art software systems.</p> <p>Outcome Status: Active</p> <p>Competency Category: Content Knowledge and Skills (including Technology)</p>	<p>Rubric (Holistic) - A sample of students' responses (all students in one section) to embedded multiple-choice questions (designed by the faculty as appropriate) in the final examination of CGS 3767 is evaluated to assess the level of student achievement.</p> <p>Sampling: All students' responses in one section of CGS 3767.</p> <p>Minimum Criteria for Success: Students will demonstrate proficiency or better based on the following scoring rubric:</p> <ul style="list-style-type: none"> - Novice, - Apprentice, - Proficient, - Expert. <p>Method Status: Active</p> <p>Course Assessed: CGS 3767</p>	<p>Reporting Period: 2017 - 2018</p> <p>Criterion Status: 90 to 99% met</p> <p>In three sections of CGS3767 (n=79) assessed in Fall 2017:</p> <p>42 students performed at the Expert level</p> <p>31 students performed at the Proficient level</p> <p>6 students performed at the Apprentice level</p> <p>0 students performed at the Novice level</p> <p>0 students Failed</p> <p>(09/19/2018)</p>	<p>Use of Results for Improvement: This is the first year in a two-year assessment cycle. Use of Results is not required this reporting period. (09/19/2018)</p>
<p>Proficiency in state-of-the-art computing infrastructure/Technology - Students</p>	<p>Rubric (Holistic) - A sample of students' responses (all students in one section) to embedded multiple-</p>	<p>Reporting Period: 2017 - 2018</p> <p>Criterion Status: 80% to 89% met</p> <p>In three sections of CGS3767 (n=79) assessed in Fall 2017:</p>	<p>Use of Results for Improvement: This is the first year in a two-year assessment cycle. Use of results is</p>

<i>Outcomes</i>	<i>Assessment Method</i>	<i>Results</i>	<i>Use of Results for Improvement</i>
<p>will demonstrate proficiency in selection, installation, customizing and maintenance of the state-of-the-art computing infrastructure. Outcome Status: Active Competency Category: Content Knowledge and Skills (including Technology)</p>	<p>choice questions (designed by the faculty as appropriate) in the final examination of CGS 3767 is evaluated to assess the level of student achievement. Sampling: All students' responses in one section of CGS 3767. Minimum Criteria for Success: Students will demonstrate proficiency or better based on the following scoring rubric: - Novice, - Apprentice, - Proficient, - Expert. Method Status: Active Course Assessed: CGS 3767</p>	<p>34 students performed at the Expert level 34 students performed at the Proficient level 11 students performed at the Apprentice level 0 students performed at the Novice level 0 students Failed (09/19/2018)</p>	<p>not required this reporting period. (09/19/2018)</p>
<p>Proficiency in one area of specialization/Critical Thinking - Students will demonstrate proficiency in at least one area of specialization within the field of Information Technology including:- System Administration, Applied Network administration, Databases, Application Development Outcome Status: Active Competency Category: Critical Thinking</p>	<p>Rubric (Holistic) - A random sample of (a minimum of 10) students' responses to embedded multiple-choice questions (designed by the faculty as appropriate) in the final examination of appropriate courses is evaluated to assess the level of student achievement. Sampling: At least 10 students or 10%, whichever is greater. Minimum Criteria for Success: Students will demonstrate proficiency or better based on the following scoring rubric: - Novice, - Apprentice, - Proficient, - Expert. Method Status: Active</p>	<p>Reporting Period: 2017 - 2018 Criterion Status: 80% to 89% met During Spring 2018, SCIS offered two sections of COP 4722 that included embedded questions to measure student achievement for BSIT Student Outcome 3 in the area of Databases. Among 16 assessed students (all passing students enrolled in two sections of COP 4722). 13 of them (81%) have performed at or above proficient level. (09/18/2018)</p>	
Communication Skills in IT - Students			

<i>Outcomes</i>	<i>Assessment Method</i>	<i>Results</i>	<i>Use of Results for Improvement</i>
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will demonstrate effective communication skills in information technology.

Outcome Status: ARCHIVED

Competency Category:

Communication (Oral or Written)

Communication Skills in IT - Oral -
Students will demonstrate effective oral communication skills in information technology.

Outcome Status: Active

Competency Category:

Communication (Oral or Written)

Rubric (Holistic) - Student achievements in Term presentations in CGS 3095 are evaluated to assess student achievement in effective oral communication skills

The evaluation is done by a panel of at least two faculty members.

Sampling: All students in CGS 3095.

Minimum Criteria for Success: All student will demonstrate adequate communications skills on the following scoring rubric:

- Deficient,
- Adequate,
- Superb.

Method Status: Active

Course Assessed: CGS 3095

Communication Skills in IT - Written -
Students will demonstrate effective written communication skills in information technology.

Outcome Status: Active

Competency Category:

Communication (Oral or Written)

Rubric (Holistic) - Student achievements in Term papers in CGS 3095 are evaluated to assess student achievement in effective written communication skills

The evaluation is done by a panel of at least two faculty members.

Sampling: All students in CGS 3095.

Minimum Criteria for Success: All student will demonstrate adequate communications skills on the following scoring rubric:

<i>Outcomes</i>	<i>Assessment Method</i>	<i>Results</i>	<i>Use of Results for Improvement</i>
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- Deficient,
- Adequate,
- Superb.

Method Status: Active

Course Assessed: CGS 3095