







***Online Assessment Tracking Database***

Sam Houston State University (SHSU)  
2014 - 2015

**Computer Software Engineering Technology BS**






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<b>Goal</b>	<b>Technical Competence</b>  Students will have a strong technical foundation, i.e., students will develop and demonstrate knowledge of theoretical materials, and computational and technical skills in the areas of Computer Software Engineering Technology.
<b>Objective (L)</b>	<b>Technical Competence</b>  Students will develop and demonstrate knowledge of technical skills, relevant to the field of computer software engineering technology.
<b>Indicator</b>	<b>Capstone Project And TASO</b>  All undergraduate Computer Software Engineering Technology students must complete COSC 4319 (Software Engineering) and COSC4349 (Professionalism and Ethics) prior to graduation. In addition, COSC4319, as a capstone course, covers the eight Student Outcomes (except the three outcomes (e), (g) and (h)) out of the eleven Student Outcomes and COSC4349 addresses the remaining three outcomes. Therefore, both the courses are selected for assessment. Additionally, TASO (Test for Assessing Student Outcomes) is implemented to quantitatively measure the eleven Student Outcomes.
<b>Criterion</b>	<b>Capstone Project And TASO</b>  To perform a quantitative assessment, the following rubrics for the two courses are developed: (1) rubric for Project, (2) rubric for presentation evaluation, (3) rubric for group member evaluation, and (4) rubric for ethics topics. For COSC4319, faculty members observe students' project presentation and directly evaluate students' performance based upon the rubrics (1)-(3). On the other hand, for COSC4349, students' performance is indirectly evaluated through the exam questions that address rubric (4). Each category is rated with the following scale values: (1) 1.0 (below expectations or unacceptable), (2) 2.0 (evolving or developing), (3) proficient (or competent), and (4) outstanding (or exemplary). Student's performance on Student Outcomes is directly evaluated with each specific rubric, while the performance on objectives is indirectly measured by mapping between Student Outcomes and Program Objectives.
<b>Finding</b>	<b>Capstone Project And TASO</b>  There are no findings for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.
<b>Action</b>	<b>Capstone Project And TASO</b>  There are no actions for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.

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**Goal**
**Ethical Principles And Management Skills** 

To develop students' knowledge of ethical principles, technical skills, and management skills relevant to the field of computer software Engineering Technology.

<b>Objective (L)</b>	<b>Ethical Principles And Management Skills</b>  Students will develop and demonstrate an understanding of the ethic considerations and management principles relevant to the field of Computer Software Engineering Technology.
<b>Indicator</b>	<b>TASO</b>  All undergraduate Computer Software Engineering Technology students must complete COSC4349 (Professionalism and Ethics) prior to graduation. COSC4349 addresses three of the eleven identified student outcomes. . Additionally, TASO (Test for Assessing Student Outcomes) is implemented to quantitatively measure these Student Outcomes.
<b>Criterion</b>	<b>TASO</b>  To perform a quantitative assessment, the following rubrics for the two courses are developed: (1) rubric for Project, (2) rubric for presentation evaluation, (3) rubric for group member evaluation, and (4) rubric for ethics topics. For COSC4349, students' performance is indirectly evaluated through the exam questions that address rubric (4). Each category is rated with the following scale values: (1) 1.0 (below expectations or unacceptable), (2) 2.0 (evolving or developing), (3) proficient (or competent), and (4) outstanding (or exemplary). Student's performance on Student Outcomes is directly evaluated with each specific rubric, while the performance on objectives is indirectly measured by mapping between Student Outcomes and Program Objectives.
<b>Finding</b>	<b>TASO</b>  There are no findings for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.
<b>Action</b>	<b>TASO</b>  There are no actions for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.

### Previous Cycle's "Plan for Continuous Improvement"

No data from previous period.

Please detail the elements of your previous "Plan for Continuous Improvement" that were implemented. If elements were not implemented please explain why, along with any contextual challenges you may have faced that prevented their implementation.

There are no updates for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.

**Plan for Continuous Improvement - Please detail your plan for improvement that you have developed based on what you learned from your 2014 - 2015 Cycle Findings.**

There is no plan for continuous improvement for this assessment cycle. The degree program is scheduled to start in the 2015/16 cycle.

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