

# **Department of Computer Science CSCI**

## **ASSESSMENT PLAN: Bachelor's degree in Computer Science**

**Date Updated: 3/16/2021**

### **PROGRAM MISSION**

CSUEB Missions, Commitments, and ILOs, 2012

### **PROGRAM LEARNING OUTCOMES (PLOs)**

Students graduating with a Bachelor's degree in Computer Science will be able to:

Apply knowledge of mathematics and computational theory to analyze problems in computer science, and identify and define the resources and requirements needed for their solution.

Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.

Employ current technology

		<p>CS 411: PLO 1 Assessment quiz</p> <p>CS 401: PLO 6 Homework assignment – written report based on journal readings and group project</p> <p>CS 411: PLO 1 Average score on quiz</p> <p>CS 401: PLO 6 CSUEB written communication rubric</p> <p>Quantitative</p> <p>( )</p> <p>( )</p> <p>( )</p> <p>Fall 2018 &amp; Spring 2019</p> <p>Undergraduate curriculum committee will review results and modify curriculum as necessary</p>
<b>Year 2: 2019-2020</b>		
	<p>( )</p> <p>,</p> <p>( )</p>	<p>PLO 2 Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.</p> <p>Yes</p> <p>Quantitative Reasoning</p> <p>CS 413 Analysis of Algorithms</p> <p>CS 413: SLO 3 PLO 2 Develop new and correct algorithms to solve complex tasks.</p> <p>Assessment quiz</p> <p>Average score on quiz</p> <p>Quantitative</p> <p>Dr. Matt Johnson</p>

( )

Fall 2020 and Spring 2021

Undergraduate curriculum committee will review results and modify curriculum as necessary.

## Year 4: 2021-2022

( )

PLO 4 Identify professional, ethical, legal, and security issues and responsibilities, and the impact of computing on individuals, organizations and society.