

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.

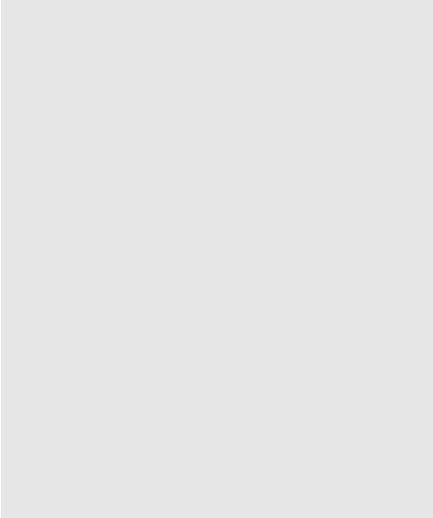
Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.

Employ current technology

<p>()</p> <p>()</p>	<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>CS 411: PLO 1 Dr. Fay Zhong</p> <p>CS 401: PLO 6 Dr. David Yang</p> <p>Fall 2018 & Spring 2019</p> <p>Undergraduate curriculum committee will review results and modify curriculum as necessary</p>
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Year 2: 2019-2020

<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>
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Fall 2020 and Spring 2021

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

Year 4: 2021-2022

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