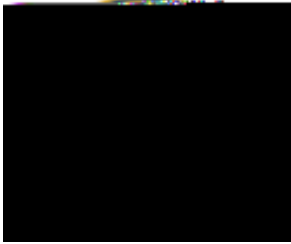


CSU Maritime Academy – Institution-Wide Assessment Council (IWAC)



Report on IWSLO B: Critical & Creative Thinking

“Students will comprehend, analyze and objectively evaluate information and ideas; approach issues in new and different ways, often through synthesizing or applying information”

Measure the extent to which Cal Maritime students meet IWSLO B.

Give recommendations for improving assessment efforts.

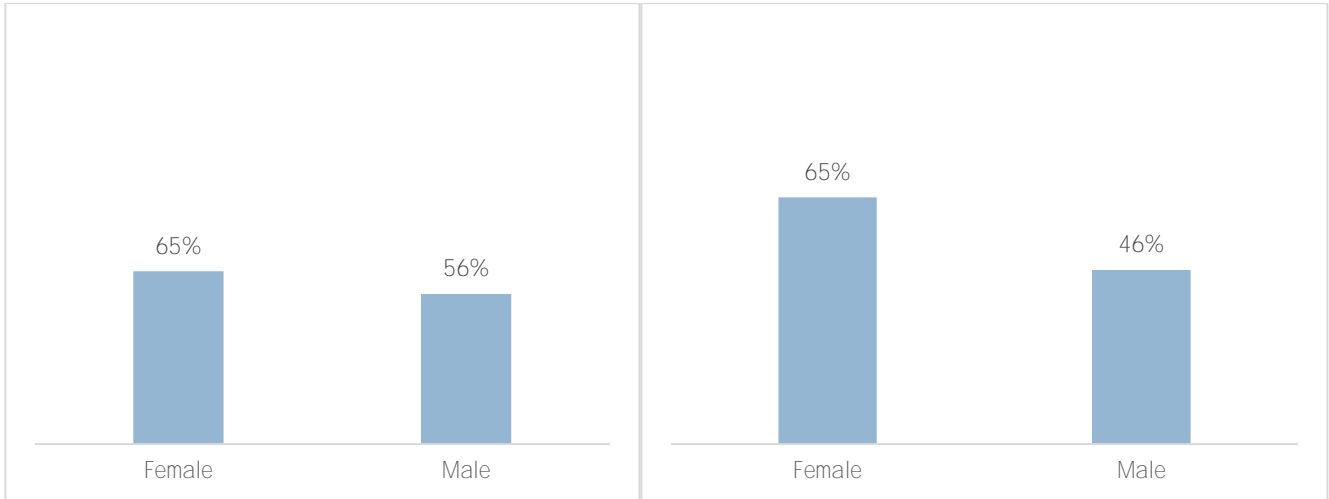
Give recommendations (where applicable) for improving program effectiveness.

The Critical and Creative Thinking IWSLO was assessed using a similar rubric as in the 2011 cycle. In October 2015, faculty were asked to identify courses for which critical and/or creative thinking were learning outcomes. These faculty then provided samples of coursework for assessment. 105 artifacts were gathered from nine courses across the disciplines, representative of 9% of the student population.

Male/Female participants: 81%/19%

Upper/lower division representation: 44%/56%

Majors (students were classified by declared major, not by course number):



Female students met the benchmark in both areas.
 Male students met benchmark in critical thinking but not in creative thinking.
 Engineering Technology students scored the highest in both categories.
 MSTEM students scored the lowest in both categories.

In this cycle, there was not enough participation to be statistically significant (9% of the current student body). A faculty survey was administered in the fall of 2014 to determine which courses included critical or creative thinking as a learning outcome. A list was generated and access to listed courses using Moodle was granted. Unfortunately, many of the artifacts collected were

