# Assessment of Program Student Learning Objectives (SLOs)
## *SLO Survey of Certificate Applicants*
## C++ Programming Certificate of Specialization
## Spring 2013 – Spring 2014

## General Education SLOs and Program Satisfaction

| | | # of Respondents | Agree Strongly | Agree | Disagree | Disagree Strongly | Mean Score |
|---|---|---|---|---|---|---|---|
| **Overall Impressions** | | | | | | | |
| 1. | This program successfully helped to prepare me for my career goals. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |
| 2. | This program successfully helped to prepare me for my next academic goal. | 3 | 33.3% | 66.7% | 0.0% | 0.0% | 3.33 |
| **Based on My Experience in this Program at CSM…** | | | | | | | |
| 1. | I can express ideas effectively in writing. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |
| 2. | I can express ideas effectively orally. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |
| 3. | I can communicate effectively in a group. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |
| 4. | I can comprehend, interpret, and analyze information I read. | 3 | 66.7% | 33.3% | 0.0% | 0.0% | 3.67 |
| 5. | I can effectively assess the legitimacy of different types of information. | 3 | 33.3% | 66.7% | 0.0% | 0.0% | 3.33 |
| 6. | I can comprehend a variety of numerical or quantitative calculations, including graphs and charts. | 3 | 33.3% | 66.7% | 0.0% | 0.0% | 3.33 |
| 7. | I can work effectively with others of diverse backgrounds. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |
| 8. | I can identify ethical issues and evaluate their consequences. | 2 | 50.0% | 50.0% | 0.0% | 0.0% | 3.50 |

Note: "Mean Score" is derived by assigning numeric values to each response (where 1="Disagree Strongly", 2="Disagree", 3="Agree", and 4="Agree Strongly") and calculating the mean of all responses for a given question item.

NOTE:  The data presented here are derived from an online survey sent to all CSM certificate earners, Spring 2013-Spring 2014. Award earners are asked to indicate the extent to which they agreed with statements regarding student learning outcomes associated with their program and general education curriculum.