## Course SLO Assessment Report - 4-Column
### El Camino College
#### El Camino: Course SLOs (IND) - Electronics and Computer Hardware and Technology

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| El Camino: Course SLOs (IND) - Electronics and Computer Hardware and Technology - ECC: ECHT 191 - Introduction to Microprocessors and Interfacing - SLO #2 Digital & Analog Interfacing - Students will demonstrate their use of software to simulate hardware and digital and analog interfacing. (Created By El Camino: Course SLOs (IND) - Electronics and Computer Hardware and Technology) | **Assessment Method Description:** Given a software and hardware problem, the students must correctly build the hardware and write the code to make the hardware work correctly.  
**Assessment Method:** Laboratory Project/Report  
**Standard and Target for Success:** The hardware and software must work as specified:  
(4) Students were able to complete the task correctly without any help.  
(3) Students needed a minor amount of help or hints to complete the task.  
(2) Students needed a major amount of help to complete the task.  
(1) Even with help, students quit or were unable to do the task. | 05/16/2014 - Of the 27 students who attempted this task:  
(4) 17 students were able to finish without any help.  
(3) 10 students needed a minor amount of help to finish.  
| 05/16/2014 - In order to help the students who need help with the lab, future labs will include a sample program with an explanation of each part. |
| **Standard Met? :** Yes | **Semester and Year Assessment Conducted:** 2013-14 (Spring 2014) | **Faculty Assessment Leader:** Robert D. Diaz  
**Faculty Contributing to Assessment:** Robert D. Diaz  
**Reviewer's Comments:** NOTE: 4 students who are not counted skipped this lab. | **Action Category:** Teaching Strategies |