To: Faculty Senate and Cabrillo College Governing Board  
From: Wanda Garner, NAS Division Dean  
Date: March 26, 2012

RE: Request to Map ENGR 99S to Computer Science

On behalf of the Engineering and STARS programs, the Engineering Program Chair and I request that the discipline mapping for ENGR 99S, How Things Work, be changed to include the discipline of Computer Science.

ENGR 99S is the STARS summer bridge course which introduces students to STEM (science, technology, engineering, math) careers through hands-on projects. The course is offered as an engineering course since engineering is the broadest of all the science/math programs and it encompasses science, technology, and math coursework.

Since engineering includes Computer Engineering (CompE) and Software Engineering (SWE); and Computer Science has very similar coursework and curriculum as CompE and SWE, it is reasonable that faculty who meet minimum qualifications in Computer Science or in Engineering would be qualified to teach this class. Therefore, we request that the ENGR 99S course be mapped as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Disciplines</th>
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<tbody>
<tr>
<td>ENGR 99S</td>
<td>Computer Science, Engineering</td>
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</table>

Cc: Jo-Ann Panzardi, Engineering Program Chair  
Rachel Mayo, STARS Program Director  
Eric Grabel, STARS Faculty