

# Poll about Placement of Physical Electronics in EE Core Results

In the spring of 2008, Curriculum Committee members completed a poll about their current opinions regarding the needs and positioning of physical electronics material in the Electrical Engineering core. The goal was to narrow down the options to those with potential for final selection in the 2008-2009 academic year. The options below were rated according to the following scale:

1. strongly against
2. against
3. slightly against
4. slightly favor
5. favor
6. strongly favor

The numbers denote the totals for each option

## Options

1. Renumber current ECE 440 with minor modifications as ECE 340 and retain in required core as it is now  
(1) 6 | (2) 3 | (3) 3 | (4) 0 | (5) 0 | (6) 1
2. Renumber current ECE 440 with minor modifications as ECE 340 but move it to a "4 of 6" list (move from required to semi-required advance core)  
(1) 2 | (2) 1 | (3) 1 | (4) 5 | (5) 4 | (6) 0
3. Current ECE 440 becomes technical elective (move physical electronics out of core)  
(1) 5 | (2) 1 | (3) 3 | (4) 3 | (5) 1 | (6) 0
4. Beef up physical electronics content in ECE 442 (-->342) and make it required, and move ECE 440 (-->340 similar to current 440) to a "3 of 6" advanced core list  
(1) 3 | (2) 3 | (3) 2 | (4) 2 | (5) 2 | (6) 1
5. Develop a new ECE 340 substantially different from current ECE 440 for the required core  
(1) 1 | (2) 4 | (3) 1.5 | (4) 3.5 | (5) 3 | (6) 0
6. Develop a new ECE 340 substantially different from current ECE 440 for the required core and move current ECE 440 or similar to the "3 of 6" list  
(1) 1 | (2) 2 | (3) 2.5 | (4) 1.5 | (5) 1.5 | (6) 4.5
7. Develop a new ECE 340 substantially different from current ECE 440 for the required core and place it on a "1 of 2" list with current ECE 440 or similar

(1) 4 | (2) 4 | (3) 3 | (4) 1 | (5) 1 | (6) 0

## Assessment

### Only options

- (2) Make ECE 340 an advanced core ("4 of 6") course,
- (5) Develop new, substantially different ECE 340 for required core, and
- (6) New ECE 340 in core and second physical electronics course in advanced ("3 of 6") core

received substantial support; we should therefore focus on these options. Almost uniformly, those in "physics" areas disliked option (2) Physical Electronics Moved to Advanced Core, and those in "computer" and "systems" areas favored it.

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