Committee Members Present: Drs. Manuel Bermudez, Douglas Dankel, Paul Fishwick, Rob Fox, Herman Lam (chair), Janise McNair; Absent: Dr. Ann Gordon-Ross (illness)

1. Modification of the CE Program Educational Objectives
   - Issue: Dr. Bermudez proposed to modify the current CE Program Educational Objectives.
   - Discussion: Dr. Bermudez continued the discussion from the last meeting, presented the final proposed changes (see Attachment A at the end of the minutes). After a brief discussion, the proposal was unanimously approved by the CEN Curriculum Committee.
   - Action item: Dr. Lam will send the proposed item to the full CEN Faculty for approval.

2. Common core for both the software (CEN) and hardware (CEE) tracks
   - Issue: There are inconsistencies in the curriculum for the software and hardware tracks. For example, the study plans for the first two years for the CEN and CEE tracks are different in the UF Undergraduate Catalog.
   - Discussion: Dr. Fox presented an overview of the issues (see Attachment 2 – separate PowerPoint file) and a discussion followed.
   - Action item: A subcommittee led by Dr. Fox will present the progress of a strawman CEN curriculum that includes a common core in the Feb 9, 2012 meeting.
Background:
The current Computer Engineering Program Educational Objectives (PEO), last revised in 2006, read as follows:

A graduate of the University of Florida Computer Engineering Program should have a successful career in computer engineering or a related field, and within three to five years, should:

1. Excel in a career utilizing their education in Computer Engineering;
2. Continue to enhance their knowledge;
3. Be effective in multidisciplinary and diverse professional environments;
4. Provide leadership and demonstrate good citizenship.

During the mock ABET visit last October, the Computer Engineering mock Evaluator noted that “The third PEO (“be effective in multidisciplinary and diverse professional environments”) may be a challenge to measure effectively.”

Although this statement was made as an Observation (not a Concern or a Weakness), the general consensus in the mock ABET team was that PEO’s should be revised and simplified when appropriate. Consequently, the CISE Industrial Advisory Board considered the matter of revision of the PEO’s during their meeting on January 24, 2012, and made the following recommendations:

1. Eliminate the phrase “successful career in computer engineering or related field”. Rationale: it is possible for computer engineering graduates to succeed in other, completely unrelated fields, such as law or medicine. Moreover, PEO 1 subsumes this goal and is phrased more appropriately.
2. Consider eliminating the third PEO. Rationale: Some (but not all) IAB members do not consider this to be a crucial goal. The IAB recommended that the program eliminate this PEO if it indeed becomes difficult to assess (which it has not).
3. Revise PEO 4, changing “good citizenship” to “professional integrity”.

On January 26, 2012, the CEN Curriculum Committee voted unanimously to accept recommendations 1 and 3 (but not 2) above.

The new (proposed) Computer Engineering Program Educational Objectives read as follows:

A graduate of the University of Florida Computer Engineering Program, within three to five years, should:
1. Excel in a career utilizing their education in Computer Engineering;
2. Continue to enhance their knowledge;
3. Be effective in multidisciplinary and diverse professional environments;
4. Provide leadership and demonstrate professional integrity.

These new PEOs are to be submitted to the CEN faculty for a vote on their approval and adoption.

The annual Alumni Survey, conducted by the College, is used as the primary method of assessing the extent to which these objectives are attained by Computer Engineering graduates. If the new PEOs are approved, corresponding changes in the Alumni Survey will be implemented.