Minutes for Meeting  
Tuesday Oct. 29, 1:55 - 2:45 pm  
In attendance: Manuel Bermudez, Renato Figueiredo, Rob Fox, Herman Lam, Prabhat Mishra, Paul Rocha, and Beverly Sanders

**Agenda:**

1. **Linear algebra requirement for new curriculum**

   Currently, for the linear algebra requirement, CpE students can choose either MAS 3114 or MAS 4105. The proposal is to eliminate MAS 4105 as an option. Thus, all CpE students will take MAS 3114.

   Discussion: Paul Rocha says that essentially zero CpE students take the more theoretical MAS4105 option; they all take MAS 3114. Also, MAS4105 has a prereq of another course in the math department (i.e., hidden prereq). Finally, EEL3135 is a required course for CpE students and has a prereq of MAS3114 to ensure that all students in the course will have the requisite knowledge of MATLAB and linear algebra for successful completion of the course.

   The proposal was passed unanimously.

2. **Certificates vs. Tracks vs. Specialization vs. Areas**

   Introduced in the new Computer Engineering curriculum (CpE curriculum 2014), the primary purpose of the CpE certificate programs is to provide explicit and clear guidance and focus for students, advisors, and employers. As we proceed to develop CpE certificate programs this semester, it is increasing clear that the use of certificates by themselves for this purpose is not adequate. The process of defining, refining, and obtaining approval for each certificate is long and drawn out. Different certificates will complete the approval process at different times. More importantly, certificates without some overarching structure will result in more confusion than guidance. Thus, it was discussed and proposed to define a context for the CpE certificate programs within the CpE curriculum in the form of knowledge areas, specializations, and certificates.

   Action item: Herman Lam will produce a first draft of such a document. Please see attached file.