

**The University of Michigan**  
**College of Engineering/Literature, Science, and the Arts**  
**Joint Curriculum Committee Meeting**  
**April 6<sup>th</sup>, 2016, 3:00-5:00 p.m.**  
**Kuenzel Room, Michigan Union**

**Attending**

CoE: Yavuz Bozer, Fred terry, Igor Markov, Luis Bernal, Susan Montgomery, Erik Hildinger, Mikhail Zolikoff, Ed Larson, Terese Olson, Betsy Dodge

LSA: Evans Young, Phil Gorman, Marjorie Horton, Uriel Lee, Paula Berwanger, Stephen DeBacker, Carmel O'Shannessy, Roseanne Sension, Joseph Conlon, Elise Bodei, Kalli Federhofer, Alan Hicken, Josephine Kurdziel, Elaina Rahrig, Ingrid Hendy, Ian Moyer, Susan TePaske-King, Joey Hansel, Ian Maye, Tim Dodd, Brad Orr, JoAnn Peraino, Lori Gould

**Notes/Minutes** Start time 3:15 pm

1. Evan Young welcomed everyone to the 2016 Joint LSA/CoE Curriculum Committee, hosted by LSA in the Kuenzel Room in the Michigan Union.
2. Brad Orr from Physics reviewed two changes that would affect CoE students. The first change is regarding the failed attempt to allow transfer credit for the introductory Physics course. It was determined that they will now not accept any transfer credit unless they are able to review the exams, textbook and syllabus and no online credit will be awarded at all. This led to a discussion of the need to keep the LSA Database up to date and what information should be shared with CoE students asking for credit. All agreed that the Database information should be valid through 2017.

The other change is for the intro course for Physics 140. They are now using online set of materials from the University of Illinois. The material will include work on "Miracle Computation, V-Python Programming and Numerical Techniques". All 700 students will be required to have concurrent enrollment in one class (140 and 141 - multiple lectures and labs).

3. Discussion was raised about the issues with scheduling for CoE students taking courses on central campus (Math and Physics) and on north campus (introduction Engineering courses) and how to best serve these students given the restrictions of limited class space.
4. Another area of discussion was Advanced Placement credit from High School. It was agreed that the Honors version of Physics is where these students should be placed. It was also reviewed that Physics 140/141 requires students to have a laptop, but will provide 1 of 10 laptops for students who do not have access to a personal computer. Procedures were reviewed about how students can request from Financial Aid Office, and increase in their budget for a one time purchase for such equipment.

5. Fred Terry brought up that CoE have had an increase in minors, and Supplemental Studies programs and that a reciprocal relationship with LSA would be helpful. Historically, CoE has a blanket approval of all LSA minors. Fred asked if CoE could formally propose this and also reconcile the relatively similar rules (eg. Double counting courses and transfer policies) and eliminate any repeating work with LSA. Evans Young asked for a list of CoE's current minors and Supplemental Studies programs. He mentioned LSA's reticence regarding Supplemental Study programs. Fred and the CoE Curriculum Committee will draft a proposal and send to LSA.
6. Susan Montgomery thanked the Math Departments for all their work reviewing courses for transfer credit. Stephen DeBacker mentioned that the feedback is that other institutions have now been raising the bar on their curriculum due to this.
7. Other Departments that are now not accepting online credit include: Economics, Physics, Math, Philosophy and Spanish (not confirmed). Several issues that were raised included, there is no proctor to determine that the student is the one doing the work and another issue is the lack of active learning in the classroom.
8. Susan Montgomery wondered how the CoE students were fairing in the Humanities courses, noting that they are benefiting tremendously. There was no feedback for the lower level courses; others stated that there are a range of CoE students, including their approaches and level of engagement. LSA suggested that CoE students should take their minor requirements as early as possible, in their junior year instead of senior year.
9. Phil Gorman requested feedback regarding the new version of the LSA Student Advising File.