Advising Notes – Environmental Engineering (ENE) Curricula

1. **CE 481 will only be offered in Spring semesters starting in Spring 2016**
   a. Students should take CE 481 in their last semester.
   b. Students that have planned to take CE 481 in Fall 2016 should speak with their advisor.

2. **Effective starting in Spring 2016 – CE 382 will require a C- or better in CE 214.** While not technically enforced for registration in Fall 2015, students should be aware that this change was made to ensure sufficient competency in CE 214 content. Students that earn below a C- in CE 214 are advised to take CE 214 again before enrolling in CE 382.

3. We have recently been informed that all ENE students may not be able to enroll in MAE 323 due to space limitations. Therefore, to accommodate, we will allow the following courses:
   a. **SSC 442 – Soil & Environ. Biogeochemistry** (contact gwana_arcuri@ncsu to be added)
   b. **MEA 493-002 – River and Estuary Biogeochemistry**

4. A new curriculum in ENE was approved effective July, 2012 (Sum2, ’12); that curriculum has been modified to reflect the changes in matriculation (C instead of C- in matriculation courses) and is now designated the Sum2, ’13 curriculum. Students can request to move up to the most current curriculum if they wish.

   The primary difference in the new curriculum has been clarification and codification (approved by the University) regarding communications electives and graphics electives. The courses used to satisfy these electives are strongly suggested to be COM 110 and either GIS 410 or TDE 220 respectively.

5. Several of the pre- and co-requisites for courses required or commonly taken by ENE students were changed in F ’13 and S ’14, including changes in semester offered. ENE students should consult the ’13 curriculum for current scheduling and course requirement information.
   a. Scheduling CE 339 has been a problem in past semesters; moving it to the Spring should mitigate these problems, but students must still plan well in advance.
   b. We will no longer be allowing students to enroll in ISE 311 (for CE 390) unless there are documented extenuating circumstances (e.g. legitimate class conflicts - not conflicts with an optional elective). ISE 311 is required to many non-CE majors and we require CE 390 in our current curriculum.

6. The recommended computing course is now **CSC 111 – Intro to Computing: PYTHON.** It will be listed as, and is set up specifically for CCEE students. CSC 112, 114, and 116 (Fortran, C++ and Java) are also acceptable but MA 116 and CSC 113 (both are MatLab) are not approved as a CSC elective for students in CCEE.
Advising Notes – Environmental Engineering (ENE) Curricula

7. GEP Details
   a. Students in the Sum2, ’09 ENE curriculum who have already taken GC 120 can use that as one of the GER (old Hum & Soc Sci list), otherwise they should take either TDE 220 or GIS 410 (previously PRT 462) as noted above; GC 120 can only be used to satisfy the Additional Breadth (AB) in the new Hum & Soc Sci list.

   b. TDE 220 (Civil Engineering Graphics), an AutoCad course specifically developed for CCEE students, can be taken as the Graphics alternate. TDE 220 will not count as a Hum & Soc Sci elective, however. TDE 220 is the permanent designation for the old (temporary) GC 496 (Engineering Graphics for CEs)

   c. Students in the Sum 2, ’09 ENE curriculum who already took ENG 331 cannot use that as one of the GEP (new Hum & Soc Sci) electives

   d. Students entering after July 2009 (i.e., those in the Sum2 ’09 or Sum2 ’12 curricula) are required to complete the Humanities and Social Sciences according to the General Education Program (GEP) Requirements in the Humanities, Social Sciences, Visual & Performing Arts, and Interdisciplinary Perspectives. Students who entered prior to this time (i.e., those who are in the Sum2 ’07 and Sum’03 curricula) should still adhere to the old Humanities and Social Sciences (GER) requirements

8. The following ENE-relevant courses are offered only once a year:

   **Spring courses:**
   - CE 477
   - CE 479
   - CE 478
   - CE 339
   - CE 481
   - CE 435 is offered every other Spring

   **Fall courses:**
   - CE 378
   - CE 476
   - CE 478
   - CE 484
   - CE 488