CE Course Offering Changes/Updates

1. ABM option available for eligible students. See handout for eligibility and process.

2. CE 332 is no longer a prerequisite for CE 327. CE 327 requisites have changed to: Prerequisite C- or better in CE 313.

3. CE 420 requisites have changed to: Prerequisites C- or better in CE 325, CE 327, CE 342 and CE 426; Corequisite CE 390 (or CE 297 Intro to Sustainable Infrastructure).

4. CE 263 is no longer be offered for CE students. CE 263 is now a Construction Engineering (CON) only course, and will be taught in Spring. CE 263 will not be offered in Fall 2017. CE students interested in Construction Engineering electives are advised to consider CE 367 and CE 466.

5. CE 305 will be offered at the NC State European Center in Prague, Czech Republic, Summer 2018. The CCEE program is lead by Dr Daniel Findley and coincides with summer session 1. In addition to CE 305, students can enroll in another GEP course offered at the Center. Make sure students plan accordingly. If they have not yet taken ST 370 then they will need to enroll in it in Spring 2018 to meet the Co-Req.

CE 297 – Intro to Sustainable Infrastructure

CE 297 is a special topics sophomore-level course in our department that will be in its fourth offering in Spring 2018. CE 297 is intended as a sophomore level course that will teach students about sustainability principles (environmental, economic, and social sustainability) using Civil Engineering case studies. CE 297 will count as a CE Area Intro Elective and will meet the requirement for engineering economics (currently CE 390).

Both CE 297 and CE 390 will be offered in Spring 2018. All CE and CON sophomores (eg EFY students intending to CODA in CE or CON) should be advised to enroll directly in CE 297.

Below are a few potential scenarios for students to consider:

CE Students

- CE 297 WILL count as an Area Intro Elective and will also satisfy the CE 390 requirement. This means the student will have 1 hr missing from their current curriculum which they can take in the form of another CE course (w/ excess credits) or as an additional lab (ie CE 324 or CE 381).

- CE 297 WILL NOT count as an Engineering Elective for CE students.

CON Students
• All students on the new CON curriculum should enroll in CE 297 to meet the CE Elective requirement.

All Students
• Student has already taken CE 390 – CE 297 may NOT be taken for credit if credit was already earned for CE 390.

CODA and Graduation

1. Approval was received to discontinue the CON-Mechanical concentration. No new students should enter this degree program.

2. Admission to department (CODA) determined by GPA calculated in engineering success courses.
   • CODA is entirely managed by the COE (i.e. CCEE doesn’t make decisions about admission, only Dave Parish)
   • Engineering Success Score (ESS) based on grades in CH 101/102, MA 141, MA 241, PY 205, ENG 101, E 101, E 115. Must have a C or better in these courses.
   • Students will be admitted on an ESS GPA basis w/ highest GPA’s being admitted first.
   • Transfers from other department are also managed by the COE.

3. Graduation
   • Graduation applicants apply online, turn in marked-up degree audits to COA with the Blue Card. Blue Card reviewed and signed by Advisor during advising period; CCEE and COE review later.
   • Student Athletes and others with Financial Aid requirements can update each semester
   • Graduation Requirements:
     o Meeting all curriculum requirements (GEP and CCEE) plus
     o Overall GPA ≥ 2.0 (no exceptions; University requirement) plus
     o GPA in the major ≥ 2.0; or C- or better in all CE courses used for graduation
     o Note: sequence of courses (pre-reqs) causes many problems with timely graduation
   • Cannot be used for graduation:
     o any S/U except PE, E 115
     o E 490 (FE rev), ST 311 (AP); any MA < 141

Course Substitutes and Transfers

1. Substitutes:
   • COMPUTING course: All students should be taking CSC 111, PYTHON; accepted course equivalents are Fortran, Java, C++ (CSC 112, 114, or 116) but not MATLAB (MA 116 or CSC 113).
   • Please encourage all students to follow the Plan of Study with regard to the timing of all courses.
   • MAE Substitutes for CE Courses (students should enroll in the CE courses; students will need a note from the CCEE UG office to enroll in MAE courses)
     o CE 214 “=” MAE 206
CCEE Advisor’s “common” questions  

(rev 13 October 2018)

- CE 313 “=” MAE 314 (as of Fall 2016 new course number is MAE 214)
- CE 382 “=” MAE 308
- E 115 = PMS 100 (no other substitutes);
- We no longer allow students to enroll in ISE 311 (for CE 390). ISE 311 is required to many non-CE majors and we require CE 390 (or CE 297) in our current curriculum.
- Graphics: take TDE 220 (AutoCad); GC 120 OK (can’t take both for credit as of Fall 2012).
- MEA 100 (typ AP credit) is a GEP (Interdisciplinary; GK); MEA 100 is NOT a Basic Sci elective

2. Transfers

- To find pre-approved credits type in “course equivalents” in search block on NCSU website (but the list is not complete); otherwise approved through COA (takes 2 wks +)
- Transfer students entering NCSU are enrolled in E102 (cannot take E101).
  College of Engineering Transfer Coordinator - Dr. Kim Roberts, kim_roberts@ncsu.edu

3. General

- As of Fall 2016, Engineering Science Elective MAE 301 (Engineering Thermodynamics I) has a new course number, MAE 201

**Administrative Advising Questions**

1. Non-CODA students cannot enroll in CE 3xx or higher courses except under unusual circumstances; all non-CODA enrollments in these courses must be approved by the Coordinator of Advising.

2. Grade Exclusion

- students can drop up to 2 courses (includes old “Freshman Repeat”) from GPA; if course required for graduation is excluded, that course **MUST** be retaken; form: MN 203 or download

3. Course Repeats

- 2-Strike rule (NCSU) - no more than 2 attempts at a course
- W and U count as attempts
- Students cannot register a 3rd time without approval from COE. The following additional restrictions apply to 3rd attempts.
  - A 3rd attempt may only be granted for (1) of these courses: CE 214, CE 297, CE 313, CE 382, CE 342, or CE 332. Ex. If a student attempts 3 times to take CE 214, a third attempt will NOT be granted by CCEE for other courses in the list above.
  - Students must be aware that this standard in effect for anyone pursing the C-plan. A student that has used the 3rd attempt on CE 214 cannot take retake another course on this list for the 3rd time in order to graduate.
4. Academic Warning or Suspended (handled by University - GPA & hrs basis)
   - student develops a plan; advisor approves & signs form (looking for plan, “working harder” is not a plan)
   - A student not making satisfactory progress in the degree can/will be moved out of the department

5. Final Exam Policy
   - 3 or more final exams in a 24 hour period (not in 2 days) - student goes to R&R (1000 Harris Hall); has schedule verified, and obtains a form approving their request to change the exam date; student takes the form to the instructor and arranges for a new examination date
   - **Senior Retake** - Graduation Denied due to Grade in ONE course in LAST semester (ALL other graduation requirements met)
     - go to COE (verify), obtain application form; CCEE approves
     - (new) final is comprehensive
     - No 2nd re-exam
     - schedule within 1 month of intended graduation
     - allowable grades = C(+/-), D (+/-), F