

CE Course Offering Changes/Updates

1. **CE 382 prerequisites are: Prerequisite C- or better in CE 214; Corequisite MA 341 or MA 305 or ST 370.**
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 will 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 Prague Institute, Czech Republic, in Summer 2018, pending sufficient enrollment. CE 305 will be taught by Dr Daniel Findley.**

CE 297 – Intro to Sustainable Infrastructure

CE 297 is a special topics sophomore-level course in our department that will be in its third offering in Fall 2017. 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 Fall 2017. **Enrollment in CE 390 will be managed by Toni Pascucci in MN203 via a sign-up sheet. All CE and CON sophomores (ie 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

- **Student is missing a CE Area Intro** – CE 297 can 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).
- **Student is missing CE Engineering Elective** – CE 297 will **NOT** count as an Engineering Elective for CE students.

All Students

- **Student has already taken CE 390** – CE 297 may **NOT** be taken for credit if credit was already earned for CE 390.
- **Student is missing CE 390 requirement and doesn't need any additional engineering credits** – CE 297 can count as the 1 hr engineering economics course, but the additional 2 hrs will be in excess of the requirements for graduation.

Other

- **CE444** will be offered in Fall 2017

CODA and Graduation

- 1. The CON-Mechanical concentration is in the process of being phased out. 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:
 - Meeting all curriculum requirements (GEP and CCEE) *plus*
 - Overall GPA ≥ 2.0 (no exceptions; University requirement) *plus*
 - GPA in the major ≥ 2.0 ; or C- or better in all CE courses used for graduation
 - *Note: sequence of courses (pre-reqs) causes many problems with timely graduation*
 - **Cannot be used for graduation:**
 - any S/U except PE, E 115
 - 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*)
 - CE 214 "=" MAE 206
 - 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) 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 (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-matriculated students cannot enroll in CE 3xx or higher courses except under unusual circumstances; all non-matriculated 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: Mann 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. These exceptions will only be made with documented evidence of extenuating medical or personal circumstances.

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
 - grades = C(+/-), D (+/-), F