

General CCEE Advising Notes CE Curriculum Notes

General Updates:

- **If CCEE students have not already taken PY 208, they will need to sign up for PY 208 and PY 209**
- **Fall 2019 will be the last offering of CE 390 – Engineering Economics**
 - o Students that require CE 390 and do not take it by Fall 2019 will be required to take CE 250 (3 hr) – Intro to Sustainable Infrastructure to cover the CE 390 content.
- Recent course number changes: CE 382 (CE 282); CE 313 (CE 225); and CE 297 (CE 250)

NEW CE Curriculum Guidance:

- **Should a student be on the new curriculum?**
 - o All students entering CE, CON, or ENE degree on or after Spring 2018 should be on the NEW curricula.
 - o **Students should arrange to meet Dr Aziz or Dr Seracino if there is any question about what curriculum they should be on.**
- **How does a student navigate the new curriculum?**
 - o All CE students on the new CE curriculum should complete the NEW CE worksheet. There are no longer specializations on the new worksheet (e.g. “Structures”, “Transportation”, etc.) students may emphasize one area or another by their selection of electives.
- **Where do I find resources for the new curricula?**
 - o The best place to find resources on all curricula is the NCSU CCEE Academics page of the CCEE Department website.

CCEE Curriculum and Course Changes/Updates:

1. **ABM option available for eligible students. See CCEE Academics page for eligibility and process.** Direct students to group ABM advisors.
2. **CE 499 – Undergraduate Research Thesis.** This is an elective option in the new CE, CON, and ENE curricula. Students interested in undergraduate research must follow the guidelines listed on the CCEE Academics Page. CE students on the old curriculum may take this course as a CE/MA/SCI elective. Interested students should arrange to meet with Dr Seracino.

- 3. Students entering the 2nd semester of their Junior year interested in CE, CON or ENE HONORS should arrange to meet with Dr Seracino.**

CE 250 – Intro to Sustainable Infrastructure (formerly CE 297)

- Current Juniors and Seniors on the old curricula who have not yet taken CE 250 (CE 297) must enroll in CE 390 in Fall 2019.

- CE 250 is listed in all curricula in the sophomore year and requires a co-requisite of **CE 214 and CSC 111**.

CODA and Graduation

1. 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.

2. 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: MATLAB (MA 116 or CSC 113) is NOT accepted as course equivalent to CSC 111 PYTHON.
- 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 (CE 225) “=” MAE 314 (as of Fall 2016 new course number is MAE 214)
- CE 382 (CE 282) “=” MAE 308
- E 115 = PMS 100 (no other substitutes);

2. Transfers or Study Abroad Course Equivalence

- To find pre-approved credits type in “course equivalents” in search block on NCSU website (but the list is not complete);
 - To get approval for a CE course not on the “course equivalencies list” a syllabus must be provided (detailing course content and extent of coverage) for review by the CE department faculty. Students should provide at least 2 weeks for this type of review.
 - If the course is a non-CE course the student must seek approval from the department at NC State offering the course by providing similar documentation.
- Study Abroad students looking to get their course approval form signed should provide ~ 2 weeks advanced notice before the deadline from the Study Abroad office.
 - This time is not necessarily required if courses are already approved in the NCSU course equivalencies database.
- Transfer students entering NCSU are enrolled in E102 (cannot take E101)
- College of Engineering Transfer Coordinator - Dr. Javon Adams, jmadams2@ncsu.edu

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; The grade exclusion form is in MN 203 or can be downloaded from the NCSU website.
3. **Course Repeats**
 - 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 250/CE 297, CE 313/CE 225, CE 382/CE 282, CE 342, or CE 332.
 - Students must be aware that this standard is in effect for anyone pursuing the C- plan. For example, a student that has used the 3rd attempt on CE 214 cannot retake another course on this list for the 3rd time to graduate.
4. **Academic Warning or Suspension (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