May 1, 2017

Dear NC State Engineering First Year (EFY) Student, Class of 2021:

Hello! Congratulations on being admitted to the College of Engineering (COE)! Admission to NC State and the COE is very competitive and your acceptance is a testament to your dedication and hard work. We understand that you are very eager to begin the advising and enrollment process and are doing everything we can to facilitate this process.

As a first step, we would like to provide you with some important placement testing information. Please review this information carefully so that you will be prepared for the advising and enrollment process that will occur at New Student Orientation (NSO).

**ADVISING & ENROLLMENT**

- The COE strongly encourages students to take all placement tests to allow for maximum flexibility in the enrollment process at NSO.
  - Students are encouraged to take the tests seriously and allocate sufficient time for testing.
- The COE pre-enrolls EFY students in common first-year courses.
  - Placement tests, as detailed below, along with standardized exams, are the mechanisms by which the COE pre-enrolls students.
  - You may not self-register until NSO.
  - You will be able to adjust your schedule at orientation.
- EFY students will not have access to adjust their schedules until NSO.
- Advising assistance is provided at NSO. In the meantime, urgent questions may be directed to engineering@ncsu.edu.
- Official advisors are assigned within MyPack in August. In the meantime, urgent questions may be directed to engineering@ncsu.edu.

**NEW STUDENT ORIENTATION (NSO)**

To get a jump start on orientation information, please feel free to visit the COE EFY – New Student Orientation website. The website is in the process of being updated for 2017. Videos will be available under College New Student Orientation Presentations.

http://www.engr.ncsu.edu/academics/undergrad/firstyear/nso
**STUDENT OWNED COMPUTING**

The COE provides laptop recommendations for EFY’s.

[https://www.itecs.ncsu.edu/helpdesk/soc/](https://www.itecs.ncsu.edu/helpdesk/soc/)

**CHEMISTRY PLACEMENT EXAM (CPE)**

All EFY students must have credit for CH 101. No student will be allowed to enroll in CH 101 at NC State without having taken the CPE. Regardless of credit awarded by the university through Advanced Placement (AP), International Baccalaureate (IB), or college transfer, the COE strongly encourages all EFY students to take the CPE by May 21st for maximum flexibility in the enrollment process at NSO. Students failing to take the CPE may not be able to enroll in the proper chemistry course at NSO.

[http://www.ncsu.edu/chemistry/classes/cpe.html](http://www.ncsu.edu/chemistry/classes/cpe.html)

**MATH PLACEMENT TEST**

All engineering curricula begin with MA 141, Calculus I. To be eligible for enrollment in this course (or a higher level calculus) at NC State for the fall, students must have proven minimum proficiency through one of the following methods:

- NC State University Math Placement Test – score of 550 or better
- SAT Subject Test in Mathematics, Level 2 – score of 550 or better
- Advanced Placement (AP)
  - Calculus AB – score of 3 or better
  - Calculus BC – score of 2 or better
- International Baccalaureate (IB) – higher level test with a score of 5 or better
- Transfer Credit - [https://www.acs.ncsu.edu/php/transfer/](https://www.acs.ncsu.edu/php/transfer/)

A student having no score submitted to NC State by May 21st will be pre-enrolled in MA 107 for the fall. To avoid being pre-enrolled in a course below the MA 141 level due to late arriving scores, the COE strongly encourages students to take the NC State Math Placement Test by May 21st. This will allow for maximum flexibility in the enrollment process at NSO. Students failing to have a score officially submitted to NC State by NSO may not be able to enroll in the proper math course at NSO.

[https://newstudents.dasa.ncsu.edu/firstyear/placement/](https://newstudents.dasa.ncsu.edu/firstyear/placement/)

**FIRST-YEAR WRITING PLACEMENT**

All EFY students must have credit for ENG 101. Credit for ENG 101 is awarded as defined by the First-Year Writing Program. Those students without credit for ENG 101 typically take the course over the first year (fall or spring semester). To gauge your comfort level for starting in ENG 101 at NC State, the First Year Writing Program strongly encourages students to complete the Self-Placement Questionnaire before NSO.

NSO FAQ’s

Who administers the placement tests?
The various departments offering foundational courses that all engineering students take administer placement tests. The COE DOES NOT oversee or control these tests in any way. However, as a courtesy, the COE seeks to alert students to the placement tests so that it may pre-enroll engineering students in the appropriate courses for their first semester. These departments (ex. Chemistry, Math, etc.) will dis-enroll engineering students if they do not meet the minimum placement criteria.

I have a 3 (or higher) on the AP Chemistry test. Do I have to take the CPE?
As the university AP website shows, NC State will award credit for CH 101 + 102 with an AP Chemistry score of a 3. However, if there is any chance that you might choose to repeat CH 101 at NC State to improve your understanding of the material, you must take the CPE in order to register for CH 101 at NC State. The COE shares important information at NSO that may affect your decision to take NC State’s CH 101. For this reason, the COE encourages ALL incoming freshmen to take the CPE.

I have transfer credit for CH 101 + 102. Do I have to take the CPE?
As the university transfer equivalency website shows, NC State will award credit for CH 101 + 102 with appropriate transfer credit. However, if there is any chance that you might choose to repeat CH 101 at NC State to improve your understanding of the material, you must take the CPE in order to register for CH 101 at NC State.

I have a 3 (or higher) on the AP Calculus AB test. Do I have to take the Math Placement Test?
A score of 3 on the AP Calculus AB test allows the COE to pre-enroll you in MA 241. At NSO, you may decide to drop down to MA 141. You do not need to take the Math Placement Test.

I scored a 530 on the Math Placement Test and it says I have to start in MA 111. I want to start in MA 141 this fall. Can I?
A minimum score of 550 must be achieved on the Math Placement Test for the COE to be able to pre-enroll you in MA 141. Therefore, the Math Department dictates that the COE enroll you in MA 111. All Math Placement Test scores are final. To be eligible to enroll in MA 141 in the fall, you may 1) take the SAT Subject Test in Mathematics, Level 2 and earn a 550 or higher or 2) enroll in a pre-calculus course over the summer (must transfer into NC State as MA 108 or MA 111), assuming you are not expecting any AP Calculus scores to come in over the summer.

When I completed the Math Placement Test, I was given a list of courses that I qualified to enroll in: MA 111, MA 121 or MA 131? Which do I choose?
MA 111 is the correct course.

I have transfer/AP/IB credit for courses you did not mention in this letter. Will I get credit for these courses?
As the university transfer database, AP chart and IB chart show, NC State will award credit for various courses. You will be able to review this credit at NSO. This letter is only concerning the placement exams. Tests outside of those mentioned here have no bearing on pre-enrollment done by the COE for its EFY students.

Can exceptions be made to placement tests?
The various departments offering placement tests do not offer any exceptions. A student must meet minimum placement requirements to be pre-enrolled (or enroll themselves after NSO) in certain courses. These minimums have been established for student success; research shows that students not meeting minimum placement criteria do not typically succeed in the course.

Is it possible to enroll in class summer session II (June 26 – August 1, 2017)?
Yes! The University invites you to participate in Summer START. Please visit https://newstudents.dasa.ncsu.edu/summerstart/ Please submit application as soon as possible. The deadline has been extended.