P.C. Rossin College of Engineering Advising Info Session

P.C. Rossin College of Engineering & Applied Science
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Agenda

- Welcome and Congratulations!
- Covid-19 Information Center
- Overview of basic first semester schedule
- How to build your schedule
- AP Credits, Transfer Credits, Anticipatory Exams, ALEKS
- Humanities/Social Sciences (HSS) Electives
- Helpful tools
- Useful tips
- Who to contact
- Q & A
College of Engineering Core classes

- ENGL 001, 002
- MATH 021, 022, 023*, 205*
- PHY 011 and 012, PHY 021* and 022*
- CHM 030
- ENGR 005, ENGR 010
- ECO 001
- HSS electives (>= 13cr)

*Upper class courses
# FYS Fall Schedule Options

**Option 1**
- ENGR 005 2 cr
- ENGL 001 3 cr
- MATH 021 4 cr
- PHY 011 4 cr
- PHY 012 1 cr

**Total 14 cr**
Add Elective courses up to 3 credits
(e.g., Music, Theater, CSE 3)

(17 Cr Max)

**Option 2**
- ENGR 005 2 cr
- ENGL 001 3 cr
- MATH 021 4 cr
- CHM 30 4 cr

**Total 13 cr**
Add Elective courses up to 4 credits
(e.g., ECO 001, Humanities, Social Sciences, Music, Theater, CSE 3)

(17 Cr Max)
Schedule Building Strategies

Review the First Year Enrollment Website, fysenroll.lehigh.edu, specifically the P.C. Rossin College of Engineering & Applied Science section.

- Schedule ENGR 005-Introduction to Engineering Practice. There are only 2 large sections available to choose from.
- Choose your Math, THEN your science (CHM 030 or PHY 011 & PHY 012)
  - If you select PHY 011/012, register for PHY 011 first and then the lab (PHY 012).
  - If you select CHM 030, there is not a separate course number for the lab.
- You may want to schedule ENGR 010 in your fall schedule if you choose CHM 030 in fall. However, this is NOT required and the classes are not connected.
Schedule Building Strategies - Math

- Select a Math class, typically MATH 021-Calculus I.
  - If you have AP credit or Transfer credit for MATH 021, you may register for MATH 022.
  - Register for the course recommended by the Math Department for Calculus.
- The ALEKS assessment tool gives the Math Dept. additional data to make a more accurate recommendation.
- Based on your results, ALEKS offers you modules to work through to help improve in topics in which you may need to review your knowledge.
- ALEKS does not give credit like an AP exam.
Schedule Building Strategies - English

- If you have no AP or transfer credit, take ENGL 001.
- Students with AP credit, or other honors credit (e.g., IB), should take ENGL 011 (instead of ENGL 002) either in fall or spring.
- If you have transfer credit for ENGL 001, take ENGL 002 in the spring. You will not take English in the fall semester.
What if I have room for another course?

- **ECO 001** - All engineering programs require ECO 001 in a future semester. (ECO 001 is also required by all Business students in the first semester, so open seats may not be available.)
- **Free Electives**
- **Humanities & Social Sciences (HSS) Elective course**
Schedule Building Strategies - Free Electives

- Engineering programs typically have 6 credits of free electives, so there is no rush to take them.
- You can satisfy free elective credit multiple ways, including minors and internships.
- Common first semester free electives include music performance courses (band, choir, ensemble, etc.) or journalism (Brown & White).
- CSE 003 (required in some programs).
Schedule Building Strategies - Humanities/Social Sciences (HSS)

- What is an HSS elective?
  - The College of Arts & Sciences designates courses into different areas of study, including [Humanities](#) (HU) and [Social Sciences](#) (SS).
    - **Humanities** - Art, Architecture, Design, English (but not ENGL 001 or 002), the foreign languages, History, Music, Philosophy, Religion Studies, and Theatre, among others.
    - **Social Sciences** - Anthropology, Economics, History, International Relations, Journalism, Political Science, Psychology, and Sociology, among others.
  - Engineering students typically have room for HSS electives in the first year spring semester and upper class years.
AP Credits & Transfer Credits - IMPORTANT, IMPORTANT, IMPORTANT!

● Be sure to have your AP scores reported to Lehigh.
  ○ Registration takes place shortly after we receive the last round of AP test scores. You will NOT be permitted to register for follow-on courses until Lehigh receives your AP scores.
  ○ View your transcript in Banner: Banner -> Student Services -> Student Academic Records -> Academic Transcript
  ○ Log into the College Board site and confirm Lehigh University (school code 002365) has been selected to receive your scores.

● Follow through with the Transfer Credit Process for any college-level coursework you have completed while still in high school.
Anticipatory Exams

- **Anticipatory Exams** will be available in certain subjects during orientation. (CSE PHYS, CHM, MATH).

- Alternative way to earn credit in certain courses. Exam taken during orientation.
  - If you pass, receive credit.
  - If you do not pass, no penalty.

- Possible for students with AP scores of 3 or lower, IB courses, or honors courses.

- **Anticipatory Exams** - Pre-registration, which is required, will be available soon in the Student Portal Summer Checklist and on the Office of First Year Experience (OFYE) website.
Helpful Tools

● **Plan Ahead** feature in Banner
  ○ Create up to 5 schedules.
  ○ Allows you to register for multiple courses at one time by submitting your entire plan during registration.
  ○ More accurate than 3rd-party planning software (e.g. EZ semester, Coursicle, College Schedule Builder) since it is always updated with the most recent changes to courses. Others may not be.

● **Instructional Guides** available the Registration & Academic Services (RAS) website and on the First Year Student Enrollment website, [fysenroll.lehigh.edu](http://fysenroll.lehigh.edu). Be sure to review [How to Register for Linked Courses](http://fysenroll.lehigh.edu).
Useful Tips

● Check in Banner to:
  ○ Confirm your Registration time. Banner > Student Services > Registration > Check Registration Status. *(Do this prior to ever registration.)*
  ○ Resolve Holds. Banner > Student Academic Records > View Holds.

● No Alternate PIN required through July 29, 2022. Changes after that time require an Alternate PIN, which you can request by emailing engineeringadvising@lehigh.edu.

● Trouble with the Banner System when registering?
  ○ Contact Registration & Academic Services at 610-758-3200 or email ras@lehigh.edu.
  ○ Link for chat at the bottom of each fysenroll.lehigh.edu page.
Who to Contact, how to reach us...

Associate Dean’s Office
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