What is the General Engineering Learning Community (GELC)?

- The GELC brings together like-minded first-year engineering students who are focused on supporting each other’s journey to become successful students and future engineering professionals. GELC students will:
  - Learn and practice specific skills on how to be a successful professional.
  - Take courses together for engineering, chemistry, mathematics, and professional skills.

- The GELC provides a curriculum path that enables students placing in MATH 1050 (precalculus) to begin their engineering coursework in the fall semester of their first year. GELC students will:
  - Expand their traditional two-term fall/spring freshman curriculum to three terms.
  - Utilize this extra time to build confidence in their academic abilities and absorb difficult concepts in math and engineering while staying on track to graduation.
  - Take ENGR 1010 (engineering applied math) instead of MATH 1050 during Fall 2021. As part of ENGR 1010, students will work to improve their CMPT score to place in MATH 1060 in Spring 2022.

- There is no cost to participate in the GELC!

- GELC students do not live together on campus – they can live anywhere on campus! This allows the GELC students to participate in other programs, such as Band, ROTC, Connections, RISE, PEER/WISE, etc.
GELC & Boyd Scholars: Information for Summer 2021 Orientation

General Engineering Learning Community
Course Sequence for 2021-2022 Academic Year

**GELC Course Sequence**

- **Fall 2021 [16 hours]**
  - ENGR 1000 [1] Major Discovery Seminar
  - ENGR 1100 [3] Engineering Success Skills
  - ENGL 1030 [3] Accelerated Composition

- **Spring 2022 [13 – 16 hours]**
  - ENGR 1110 [1] Engineering Success Skills
  - (if needed) Engineering Graphics [2]

- **Summer 2022 [7 hours] or Fall 2022**
  - MATH 1080 [4] Calculus II
  - (In Fall) + other classes to continue in curriculum

**Typical Course Sequence for General Engineering Students with SAT Math < 640, ACT Math < 27, or CMPT score < 65**

- **Fall 2021 [14 hours]**
  - ENGL 1030 [3] Accelerated Composition
  - MATH 1050 [5] Pre-calculus
  - General Education [3]
  - General Education [3]
  - (optional) ENGR 1000 [1] Major Discovery Seminar

- **Spring 2022 [15 – 17 hours]**

- **Summer 2022 [3 hours] or Fall 2022**
  - (In Fall) + other classes to continue in curriculum
Who are the Boyd Scholars?

- Boyd Scholars are a group of GELC students who will receive an award covering their expenses for tuition and fees for the required summer courses, in addition to their on-campus summer housing and a meal plan.
- In the spring semester, GELC students will be able to apply to become Boyd Scholars.
- Acceptance as a Boyd Scholar is competitive, and will be based on grades in GELC courses, participation in GELC requirements, strength of the student’s application responses, and availability of funding.
- *The Boyd Scholars program is made possible by a generous gift from the Darnall W. and Susan F. Boyd Foundation.*
Boyd Scholars Course Sequence for 2021-2022 Academic Year

**Boyd Scholars Course Sequence**

- **Fall 2021 [16 hours]**
  - ENGR 1000 [1] Major Discovery Seminar
  - ENGR 1100 [3] Engineering Success Skills
  - ENGL 1030 [3] Accelerated Composition

- **Spring 2022 [13 – 16 hours]**
  - ENGR 1110 [1] Engineering Success Skills
  - (if needed) Engineering Graphics [2]

- **Summer 2022 [7 hours]**
  - MATH 1080 [4] Calculus II

**Typical Course Sequence for General Engineering Students with SAT Math < 640, ACT Math < 27, or CMPT score < 65**

- **Fall 2021 [14 hours]**
  - ENGL 1030 [3] Accelerated Composition
  - MATH 1050 [5] Pre-calculus
  - General Education [3]
  - General Education [3]
  - (optional) ENGR 1000 [1] Major Discovery Seminar

- **Spring 2022 [15 – 17 hours]**

- **Summer 2022 [3 hours] or Fall 2022**
  - (In Fall) + other classes to continue in curriculum

**Students selected as Boyd Scholars will receive an award covering tuition and fees for these on-campus courses, on-campus housing, and a meal plan for the Summer 2022 term.**
What is the difference between GELC and Boyd?

- In the Fall 2021 and Spring 2022 term, there is no difference. All students are part of GELC.
- During Spring 2022, GELC students can apply to become Boyd Scholars for Summer 2022.
- Students who are named Boyd Scholars …
  - Boyd Scholars will take the required courses during Long Summer 2022 session, on campus at Clemson. Courses run May 17 to August 8, with a break from June 20 - 24.
  - Boyd Scholars award covers expenses for this summer program (tuition/fees for required courses, on-campus housing and meal plan)
- Students who are in GELC but do not become Boyd Scholars …
  - GELC students still take the summer courses (ENGR and PHYS) at Clemson or at a different institution at their own expense
  - GELC students have the option to continue with courses in the Fall 2022 term; this would delay change of major to December 2022
What is the difference between opting in to GELC/Boyd vs. opting out of these programs?

Saying Yes to the GELC/Boyd Scholar Programs

- Participate in learning community with other like-minded engineering students
- Register for graded, for-credit professional/study skills courses
- Able to begin freshman engineering coursework during Fall 2021 semester
- Boyd Scholars must take summer courses at Clemson during the long summer session (expenses paid)
- GELC students not participating or selected as Boyd Scholars will have more flexibility in when/where their remaining coursework is taken – either in summer at their own expense or in fall; this could delay coursework and change of major out of General Engineering until Fall 2022.

Saying No to the GELC/Boyd Scholar Programs

- Must wait until Spring 2022 to begin freshman engineering coursework
- Not eligible to enroll in graded, for-credit professional/study skills courses
- Required to complete first year coursework either in summer at their own expense or in fall; this could delay coursework and change of major out of General Engineering until Fall 2022.

All General Engineering Students who begin in Fall 2021 in MATH 1050

- Must take coursework during summer to change major out of General Engineering before start of Fall 2022; changing into an engineering major impacts South Carolina state scholarship enhancement monetary amounts.
Should I plan to join GELC?

**YES**, if the following apply to you:

- My SAT Math score is below 640, my ACT Math score is below 27, or my CMPT score is below 65.
- I want to be an engineer, but math is not my strongest subject.
- I did well in high school, but I am concerned about being prepared for college-level courses.
- I felt like I never needed to study in high school, so I am unsure how to study for college-level courses.
- I want to find a community of other engineering students who want to work together and help each other be successful.

**NO**, if the following applies to you:

- I took AP/IB calculus in high school and I feel prepared to begin with Calculus I (or higher) in Fall 2021.
- I plan to take a MATH class during Summer 2021 to qualify to take Calculus I in Fall 2021.
- I plan to take the CMPT during Summer 2021 to qualify to take Calculus I in Fall 2021.
How do I join GELC?

• Your advisor at your summer orientation meeting will ask you if you want to join the GELC program.
• You can let them know at that time if you would like to participate in GELC for the upcoming academic year.

Please see our website for more information about the GELC and Boyd Scholars Programs: https://www.clemson.edu/cecas/departments/ge/about-us/gelc.html

Still have questions after visiting our website? Contact Dr. Stephan at bethste@clemson.edu