

**Program Name: Engineering Summer Institute sponsored by Southern University College of Sciences and Engineering**

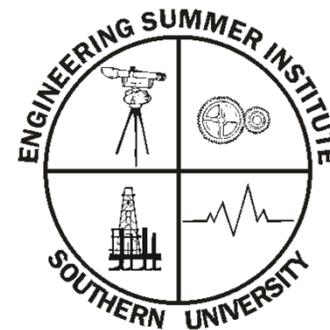
**Duration:** June 3, 2019 through June 28, 2019

Website: <https://esisubr.wixsite.com/summeresi>

**Description:** The Engineering Summer Institute (ESI) at Southern University seeks to expose students to career opportunities in science, technology, engineering, and mathematics (STEM) through its four-week summer program. ESI is a longstanding summer program designed to create an awareness of opportunities which exist in engineering science – particularly civil, electrical and mechanical engineering - and to stimulate an interest more generally in STEM. The goal of ESI is to broaden the access of students to STEM careers by exposing the participants to available options in an environment that facilitates intellectual exchange, academic enrichment, and fosters the learning, sharing, and growing processes. The institute consists of two programs: academic and enhancement. The academic program introduces participants to engineering issues. The curriculum includes problem-based learning projects, use of critical thinking skills, and hands-on projects. The enhancement program covers time management, study habits, test-taking skills, oral and written communication skills, and computer skills. Weekly fieldtrips are taken to enforce what is learned in the classroom. The participants will be engaged in a four-week intensive STEM program.

**Criteria:**

1. Interest in STEM
2. Upcoming 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> Grader
3. Minimum 2.5 GPA (include an official high school transcript)
4. Two (2) Recommendation forms from current Math and Science Teacher
5. Copy of Standardized Test scores (LEAP, End of Course, PSAT, ACT)
6. A 250 Word essay focused on “How Do I Plan to Impact STEM in the Future”
7. 4-week commitment to ESI (student-parent- institute contract)
8. **\$350 Non-Refundable Registration**



**Cost:** \$50 non-refundable deposit per student due at Time of Registration, must be postmarked no later than May 15, 2019.  
\$300 non-refundable Balance due by May 17, 2019.

**Contact:** Dr. Rachel Vincent-Finley  
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**Deadline:** The deadline to complete the online application **May 15, 2019.**  
The deposit, transcript, scores and letters of recommendation **must be postmarked by May 15, 2019.**

**Notes:** The Engineering Summer Institute hours are from 8am-5pm daily.