



GOAL

The SC HBCU STEM program will help build a partnership between SC's HBCU institutions, their students and South Carolina industry. The program will connect students interested in STEM (Science, Technology, Engineering and Mathematics) related careers with diverse types of STEM careers available in South Carolina. This program will offer a select group of students a unique opportunity to interact, learn from and work with South Carolina companies and business leaders that are in STEM related fields.

CONCEPT

The program will consist of 25 students selected from rising Juniors or Seniors at South Carolina's four-year HBCU institutions (Allen University, Benedict College, Claflin University, Clinton College, Morris College, South Carolina State University and Voorhees College). Two students per school will be selected from the seven (7) HBCU institutions based on their academic performance and the remaining eleven (11) students selected by application process. The program covers the two semesters (fall and spring) of a students' junior year with a paid summer internship. The curriculum consists of one site visits per month and supplemented with other project work and engagement opportunities. Site visits would be to partnering businesses who introduce students to STEM related careers.



SC HBCU STEM PROGRAM

SCIENCE | TECHNOLOGY | ENGINEERING | MATH

STUDENT CRITERIA:

- Junior or Senior at a SC HBCU, with 3.0 GPA, and a South Carolina resident
- Students must have a personal and professional development plan approved by the school and selected industry that follows a future STEM Career
- Write a brief explanation about what you hope to gain by participating in the program and how you think this experience will provide a background for your future in a STEM related career.

CURRICULUM:

- Curriculum for the project will be research based in STEM related field. The overall focus on the program will allow students to have hands on experiences and exposure to STEM related careers. Students in the program must create a personal and professional development plan approved by the school and selected industry that follows a future STEM Career.
- STEM areas: Aerospace, Healthcare, Automotive, IT, Construction/Engineering and Chemistry/Biology
- Recieve credit hours towards graduation

A program of the SC Chamber Education & Workforce Foundation

For more information contact:

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SC HBCU CURRICULUM

Curriculum Details

Session 1	Orientation/ Healthcare	October 4, 2018	Columbia, SC
Session 2	Aerospace	TBD	Charleston, SC
Session 3	Automotive	November 15-16, 2018	Greenville/Spartanburg, SC
Session 4	Review	December 2018 January	Columbia, SC
Planning Meeting	TBD	2019	College/University Campus
Session 5	IT	March 11, 2019	Charleston, SC
Session 6	Chemistry/Biology	April 11-12, 2019	Greenwood/Spartanburg, SC
Session 7	Program Presentation	May 2019	Columbia, SC

Presented by:



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