

S.T.E.M Learning Community Committee

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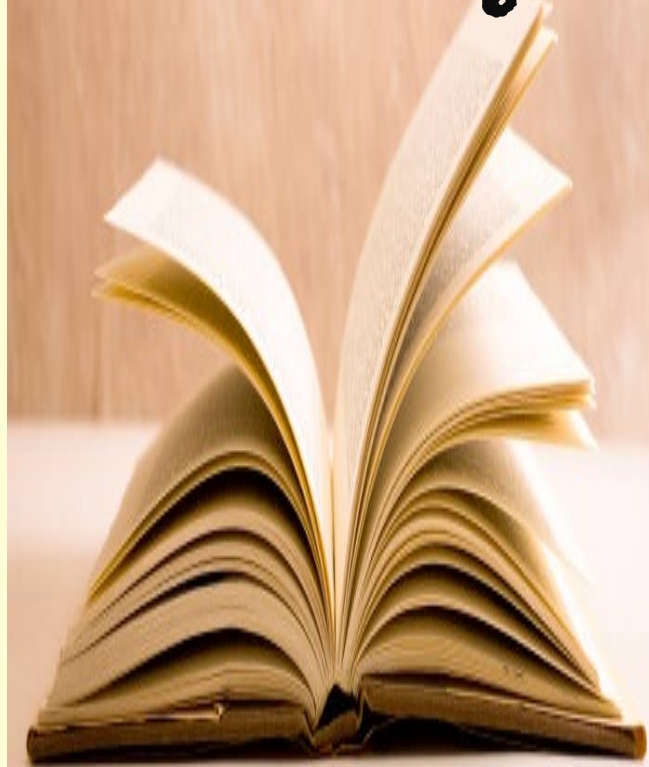
Dr. Serena Roberts
Director, Center for Academic Success

Community Partners

Florida A&M University
Developmental Research School

*More partners to be confirmed

College of Education STEM Learning Community



CANDIDATE EMPOWERMENT CENTER
A TITLE III SPONSORED PROGRAM | 850-412-5613 |
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Purpose

The purpose of the Science, Technology, Engineering and Mathematics (S.T.E.M.) Learning Community (SLC) at Florida A&M University (FAMU) is to provide a place of interaction, connection, encouragement, and support for students enrolled in a S.T.E.M. Education major or program. Through the S.T.E.M. Learning Community, students will find connections, identity, and purpose within their chosen discipline. The learning community will also provide an opportunity for participants to receive a S.T.E.M. **certificate* approved by the Florida Department of Education and Florida A&M University. Ultimately, the group will vitalize the learning environment and increase the numbers of S.T.E.M. graduates from FAMU. The SLC will also serve as an opportunity for participants to become a certified teacher in the state of Florida in one or more of the S.T.E.M. major fields.

**Certificate components are still pending approval*

Mission

The mission of the S.T.E.M. Learning Community (SLC) at Florida A&M University is to create an intentional, inclusive community formed around common themes of Science, Technology, Engineering and Mathematics where students live and learn together. Engaging students' minds to seek knowledge and reflect the SLC invite students to integrate their learning in and out of class. SLC cultivates holistic student growth and enhance learning by fostering collaborative and enduring connections among students, faculty, and staff.

Goals

- Feel a sense of belonging with the University community (faculty, staff and students);
- Have a well-designed introduction to the FAMU belief of "provid[ing] a student-centered environment consistent with its core values";
- Explore with members of the faculty and staff connections between experiences inside and outside the classroom;
- Inquire into areas of personal academic interest in ways that are designed to help in settling in their major and in taking the first steps toward a calling or career;
- Be exposed to a service-learning experience in the context of education/philosophy;
- Prepare participants for the Florida Teacher Certification Exam

S.T.E.M. Requirements

Students seeking admission to the Learning Community MUST meet the following criteria:

- Cumulative Grade Point Average (G.P.A.) of 3.0 or higher for the General Education component of undergraduate studies;
- A grade of "C" or higher in S.T.E.M related courses;
- Freshmen/First Time in College Students must have a high school G.P.A of 3.2;
- Successful completion of a pre-admission application

Encouraging Learning

Academic Programs

Students will benefit from:

- Group meetings with faculty and distinguished visitors in S.T.E.M. fields;
- S.T.E.M. related field trips and tours of research facilities;
- Programming designed to enhance academic success (time management, study skills);
- Multiple tutoring/working sessions hosted by graduate student

Civic Engagement/Volunteerism

Students will volunteer:

- A minimum of 5 hours/semester in the FAMU DRS tutoring in Science and/or Math;
- A minimum of 5 hours/semester in the Candidate Empowerment Center tutoring teacher education candidates preparing any of the FTCE tests;
- With S.T.E.M. industries/organizations and the Florida Department of Education

Social Interaction

Students will:

- Participate in social events to cultivate relationships with fellow classmate;
- Build rapport with faculty/staff within their discipline

Faculty and students will host workshops where activities developed will be demonstrated to in-service educators.