



THE STEM Knowledge Center

STEM Knowledge Center

The Science, Technology, Engineering and Mathematics (STEM) Knowledge Center in the College of Engineering, Technology and Physical Sciences (CETPS) is a hub for student learning, outreach and development. All the Activities held in the STEM Knowledge Center are for the development of STEM Majors. Our aim is to recruit, retain, persistence, graduate, assist in the employment process of the students.

Academic Advisement: The Faculty Associate for Student Achievement assists students by providing academic advisement to help guide them in the most beneficial direction possible.

Tutoring: The STEM Knowledge Center provides tutoring in all STEM disciplines (Science, Technology, Engineering, and Mathematics).

Academic Facility: The STEM Knowledge Center houses 8 up to date computers fully equipped with software that a variety of different majors can access to complete assignment, conduct research, and improve their own general knowledge.

Knowledge Database: The facility is home of over 3,000 books, articles, and works of literature that can be referenced by students to help aid them in the understanding of their academic disciplines. Students are able to check out books in order to complete any research assignments or do any light reading. The center also holds copies of instructor textbooks for in-house use by the students as needed.

Opportunity Board: The STEM Knowledge Center bulletin board is used to communicate with students outside the center. The bulletin board is used to post Scholarship Opportunities, Co-Op Opportunities, Potential Jobs, Academic Events, and other events within the College of Engineering, Technology and Physical Sciences. Tutorial Services offered by the STEM Knowledge Center are also posted along with hours for tutoring and the tutors available times.



Summer 2015 PFB Participants

STEM Academy: A subsidiary of the STEM Knowledge Center which sponsors both the High School STEM Experience (HSSE) and the Pre-Freshman Bridge Program (PFB). The HSSE is a program to interest high school students to STEM majors in the hopes of preparing them for college prep classes as well as encouraging them to enter into a STEM major.

The Pre-Freshman Bridge program is a Math camp that help increase retention among the students in the college, and give them a strong foundation to build on while matriculating at Alabama A&M University. The program also allows each participant to foster a relationship with the faculty and staff of the College of Engineering, Technology and Physical Sciences.

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Activities

Recruiting

- *Traveling to High Schools
- *Connecting with Students in their Junior Year
- *Building Relationships with High School Counselors
- *Working with AAMU Office of Admissions Staff
- *Advising Parents
- *Outreach Programs
- *Campus/College Tours

Persistence

- *Academic Advisement Assistance
- *Developmental Activities
- *Research Assistance
- *Mentoring

Placement

- *Conference Attendance
- *Career Planning
- *Career/Job Fairs

Retention

- *Academic Advisement
- *Financial Aid Assistance
- *Scholarship Opportunities
- *Freshman Advising Coordinator
- *Tutoring
- *Counseling Services

Pre-Placement

- *Professional Development
 - Resume Writing
 - Mock Interview
 - Professional Dress
- *Co-ops/Internships
- *Round Table Sessions with Employers

Graduation

- *Graduate Exit Interview
- *Graduate Finale
- *Graduate Database

Alumni Engagement

- *AAAMU CETPS Newsletter
 - *Tracking Alumni
- *CETPS Graduate LinkedIn Page
 - *CETPS Facebook Page