UNITE Site
Jackson State University
Pre-Engineering Summer Program 2015

A UNITE Funded Program for talented high school students from groups historically underrepresented and underserved in science, technology, engineering and mathematics (STEM)

An initiative of the Army Educational Outreach Program (AEOP), UNITE is administered by the Technology Student Association (TSA)

UNITE 2015 Site Objectives
1. Gain a better understanding of the real-world applications of science, technology, engineering and mathematics;
2. Overcome negative attitudes and perceptions they may have about cultural, social, and other barriers to STEM studies and careers;
3. Gain confidence in their ability to participate in engineering and other STEM activities;
4. Engage in activities that promote collaboration and problem solving in a team environment; and
5. Be better prepared to pursue engineering and STEM in college and, ultimately, in future careers.

Program Schedule
1. Open registration: 03/01/2015; Application Deadline: 05/01/2015
2. Acceptance Notification: May 15, 2015
3. Program Starts: June 01, 2015
4. Program Ends: June 26, 2015
5. Attendance: 8.30 am to 1.00 noon, 5 sessions/day; Monday – Fridays

Registration and UNITE application submission: on-line
1. Weblink: http://www.cvent.com/d/crqn0f
2. Choose UNITE site at Jackson State University
3. Additional info at: http://www.usaeop.com

Whom to contact
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UNITE 2015 Site Program Highlights
1. 4-week high-quality course instruction consisting of rigorous theory and practice
2. Instruction and hands-on activities on K12 level physical science and mathematics topics
3. Learn System integration approach
4. Experience Engineering multiple-disciplines immersion such as Electronics, Robotics, and Computational Thinking
5. Experience mentoring with expert university faculty
6. Students will get trained to perform individually and as a team
7. Experience doing presentations, project, and competitions
8. Students will get exposed to career opportunities from Career Service Center, Army personnel, AEOP programs, and TSA activities

Applicant Selection Criterion
1. Applicant must be a US Citizen or US Permanent Resident
2. Should be a rising 11th grader; preference for UNITE 2014 participants
3. Qualify as a HBCU underrepresented/underserved in STEM areas
4. Aptitude for Science, Engineering, Math, and Technology
5. Teacher recommendation, GPA of 3.0 or above; or equivalent test scores

Program Participants Benefits
1. Stipend: $100/week (6 hours per day, 4 weeks)
2. No other allowances; Lunch Box on Own
3. Free coaching, hands-on activities, experience engineering disciplines

Application Process and UNITE site Website Information
Applications will be considered on a rolling base from the institution summer programs. Once the application submitted, the project director and the team members will review it. Selected candidates will be informed of their acceptance on May 15, 2015. Applicants will be considered as long as the slots are not filled up. .
For more information, visit the website
http://www.jsums.edu/tech/unite