

December 8, 2009

Dear educational representative,

The Liberty University School of Engineering and Computational Sciences (SECS) will host the JETS TEAMS engineering competition on Thursday, March 4, 2010 at Pate Chapel, located on the north end of Thomas Road Baptist Church. TEAMS is an annual theme-based competition giving students in grades 9-12 the opportunity to use the practical applications of math and science to answer engineering questions about everyday world challenges. The theme for 2010 is:

Water, Water, Everywhere
More than 900 million people in the world don't have access to clean water.
Who will solve this problem? Your students!

Rules for the competition can be found at the JETS website (www.jets.org). The event is open to teams of high school students, which includes all high school aged students from public, private, and Christian high schools, home school students, and particular organizations directed at high-school aged youth.

The tentative schedule for the event is as follows:

9:30 – 10 am	Arrival Check-in and Welcome
10:15 – 11:45 am	Part 1 (80 multiple choice questions)
11:45 am – 12:30 pm	Campus Tour / Hands on Activity
12:30 – 1:15 pm	Lunch
1:30 – 3 pm	Part 2 (open-ended questions) and Coaches Workshop
3 – 3:30 pm	Guest/Student Speakers
3:30 – 4 pm	Awards
4 pm	Dismissal

TEAMS is an academic “pencil & paper” competition of two, 90-minute timed challenges for students to use the real-world applications of math and science. Students discuss questions among themselves and provide their best response collectively (open-book, open-note, open discussion format). This event is fun since no previous knowledge, skill or preparation is required. However, previous competition sets are available so students and coaches can practice to help identify the strength and skills of the team. JETS suggests that coaches and students meet three to four times before the competition.

We plan to have a total of 22 teams. Teams are comprised of 4 to 8 students. Each team is required to have one adult to serve as the Coach. There are two competition levels (9th/10th grade; 11th/12th grade) with questions posed according to age group. For schools, there are also separate competition levels based on 12th grade enrollment or Selective admission. There are two additional and separate competition levels for Home Schools and Groups (e.g., YMCA, Boy/Girl Scouts).

Awards will be presented at the event to those teams with the highest Part 1 scores, which will also be used to determine state rankings and awards. Part 2 is scored by JETS and used in combination with Part 1 to determine national rankings. Registration fee is a flat \$125 per team (i.e., \$16 - \$31 / student). All participating students receive t-shirts, certificates, and EXPLORE booklets. There will also be various door prizes.

More information about TEAMS, JETS and the ***Water, Water, Everywhere*** competition can be found in the enclosed brochure. Last year's results for the state of Virginia and Lynchburg can be found at: <http://www.jets.org/teams/archives/stateRankings09.cfm>. Registration is now open at the JETS website (www.jets.org/teams) and will continue until ***Thursday, February 18, 2010***. Please contact SECS at (434) 592-7150 or khalsey@liberty.edu with any questions or to request more information.