

Typical Questions about YEA

What is YEA (Youth Engineering Adventure)?

YEA is a program that is designed to allow participants to have fun while learning about Engineering and is modeled after YBA (Youth Business Adventure). YBA has been held annually since 1980 for South Dakota High School students between their junior and senior years. YEA was started in 2001 with 40 student participants at SDSM&T. Check out more details at <http://yea.sdsmt.edu>

Who is sponsoring YEA?

YEA is being sponsored by SDSU College of Engineering and by SDSM&T. Engineering firms and industries that employ engineers are being contacted and will be asked to help sponsor YEA.

Who is eligible to attend YEA?

Students between their sophomore and junior years in high school are eligible to submit applications to attend YEA. Applications are available from SDSU, SDSM&T, and high school math and science teachers.

Where and when will YEA be held?

YEA at SDSM&T in Rapid City – June 21-26, 2009

(noon on Sunday through noon on Friday)

YEA at SDSU in Brookings – June 14-18, 2009

(noon on Sunday through noon on Thursday)

Is YEA all work?

YEA is a co-ed program that includes a variety of educational and social activities. One of the important aspects of YEA will be to allow participants to meet and make new friends. Students will be divided into approximately 10-member groups. Each student group will work closely with an engineer. Activities will include speakers, panel discussions, Engineering design projects, tours, demonstrations, hands-on projects, group learning experiences, and social functions.

What is the cost to attend YEA?

Students selected to attend YEA will be required to submit a \$100 non-refundable, registration fee. Participant expenses for food, lodging, materials, and activities will be paid for by YEA. Participants will be responsible for travel expenses to and from YEA.

How to apply?

Students interested in applying must complete sections 1) and 2) of the application form and have the school principal, guidance counselor, or a teacher (preferably one who teaches mathematics or science) complete section 3) and return it to the address at the end of the application form. Completed applications should be submitted by to April 20, 2007.

Have questions? Need More Information?

Dr. Geoffrey A. Bonvallet, Asst. Professor
Dept. of Physics
Box 2219
South Dakota State University
Brookings, SD 57007
Phone: (605)688-4977
Fax: (605)688-5878
geoffrey.bonvallet@sdstate.edu

Dr. Larry Simonson, Professor
Dept. of Electrical and Computer Engineering
South Dakota School of Mines and Technology
501 East Saint Joseph St.
Rapid City, SD 57701
Phone: (605)394-6133
Fax: (605)394-2913
larry.simonson@sdsmt.edu

Program Safety Guidelines

Due to the number of students involved in Youth Engineering Adventure, you should be aware of staff expectations. This is a special program for special students. These guidelines are to ensure the safety and enjoyment of the YEA program by all participants. Please read them carefully so that you understand what will be expected of you as a program participant.

- Transportation to and from the program is the responsibility of the participants and their parents or guardians. Participants are expected to make travel arrangements well in advance of the program to ensure their timely arrival for registration.
- Dormitories will be supervised 24 hours a day. Participants will be required to comply with all dorm rules and cooperate with dorm counselors.
- Participants will be required to stay on campus from the time they register on Sunday until the time they check out on Friday. The only exception will be when on-site tours of local engineering firms are planned. Transportation will be provided for all participants.
- If participants bring their own car, cars must be parked in a designated lot and all car keys must be given to YEA staff for the length of the program.
- Because the program is vigorous, participants will be expected to observe a “lights out” policy each night at the specified time.
- Participants will be expected to participate in all YEA activities, beginning with Sunday’s registration and concluding with Friday’s adjournment.
- Absolutely no drugs (including tobacco and alcohol) are permitted.

Selection Notification

Applicants selected for YEA participation will be notified by the first week of May.