

April 22, 2008

Dear High School Counselor:

I would like to encourage your school's participation in the first annual JSU TECHNOLOGY SUMMER INSTITUTE.

The goal of the TECHNOLOGY SUMMER INSTITUTE (TSI) is to introduce high school students to engineering and technology. The institute will present a broad range of engineering and technology topics in a one week (40 hour) program from June 16 – 20, 2008.

Each technical program area at JSU will be presented by the area instructor in a one-hour presentation and question session. There will be three half-day field trips; to Honda, to Parker Hannifin, and an outside instrumentation demonstration using a transit and right angle trigonometry.

In-depth, hands-on training will be given in the areas of Computer Aided Design and Drafting, Rapid Prototype production, C-based computer programming, design of mobile robots and use of sensors (using Mindstorm Lego kits). A graduate of our technology program will discuss technology jobs and salaries.

The student will receive a \$250.00 expense stipend on completion of the program along with a certificate of completion. All lab equipment will be furnished at no cost to the student. The noon meal will be provided at the JSU dining hall. The students are responsible for transportation to and from home each day and to all field trips.

All high school seniors (Class of 2008) and juniors (Class of 2009) within a 70 mile radius of JSU will be eligible to apply, **but a maximum of one per school** will be chosen up to our class limit of sixteen persons. The student must have an overall grade point average of B or better, have completed Algebra II, have an interest in engineering and technology, and submit an application with a letter of recommendation from your school counselor which confirms the grade point average and Algebra II completion.

The student should submit an email to pdean@jsu.edu with two attachments: 1) informal letter application reflecting their interest in technology, 2) short resume (no more than one page). The school counselor should submit an email to pdean@jsu.edu containing the letter of recommendation and confirmation of grade point average and Algebra II completion.

Both emails must be received no later than May 16, 2008. Please contact me at 782-5034 if you have any questions or concerns.

Sincerely,

Terry Marbut, Head
Department of Technology & Engineering