THE PROGRAM

By attending this workshop you will learn first-hand and have a greater understanding of how many everyday products are designed and manufactured.

Hands-on experience will include:
- CAD (Computer Assisted Design)
- Machining
- Plastic molding
- Automation
- Quality control

In addition, field trips to local industry will be conducted.

Who should attend?
- Any student that will be in high school (grades 9-12) or their first year in college in the 2005 – 2006 school year.
- No prerequisite knowledge or experience in manufacturing is expected.

THE PARTICULARS

How Long:
One week, Monday – Friday
9 a.m. – 4 p.m.

When & Where:
Date: June 20 – 24, 2005
University of Missouri – Rolla
Manufacturing Engineering
1870 Miner Circle
Rolla, MO 65409

For questions call or e-mail:
Gail Richards 573-341-4615
gailr@umr.edu

Additional benefits:
- Totaling $250 in items, gift coupons, and cash awards (based on daily participation)
- Daily lunches

Note: Since this project is sponsored by the National Science Foundation, this workshop is free. However, in order to be considered for this opportunity you must have a signature from a teacher and parent. You must also include your essay.
In the 2005-2006 school year I will be in _____ grade at:

___________________High School.

___________________College

Signature of Teacher: ____________________________

____________________________

School Phone:__________________________

Students Name:__________________________

____________________________

Home Address: ____________________________

____________________________

Phone: ____________________________

Signature of Parent/legal guardian: ____________________________

Please complete this form as soon as possible but no later than May 9 and mail to:

Mrs. Gail Richards
121A ME Annex
Manufacturing Engineering Program
University of Missouri-Rolla
Rolla, MO 65409-1350

Please write an essay explaining why you would like to participate in this workshop (You can also use a separate page)

Workshop website to down load application forms:

http://web.umr.edu/~liou/summer.htm