

## Frequently Asked Questions – Chicago Regional

### What is Materials Camp?

- Weeklong, summer camp exploring Materials Science and Engineering. It is a day camp, starting at 8:30 and running to 5:00.
- The students will work for three of the days at a local business to actively conduct a failure analysis.
- Mini-demonstrations and field trips add more background information on materials science
- Past projects have included the failure of parachute harnesses, space shuttle debris, corrosion of a yacht and aircraft landing gear.

### Where is the Camp located?

- The students will meet at IIT campus in Chicago on Monday, Thursday and Saturday.
- The remainder of the days (Tuesday, Wednesday and Friday) the students will be working at area labs located in Chicago, Westmont, Naperville, Wheeling, Aurora, and Skokie. Indicate your preference on the application form.
- The students are responsible for providing their own transportation to their assigned locations.

### What type of people work in this field?

Materials science professionals typically are college graduates who studied science with an emphasis on materials, metallurgy or engineering.

### What is ASM International?

It is global professional membership society of 40,000 professionals working in the field of materials science and engineering.

### What is the ASM Materials Education Foundation?

A non-profit organization devoted to exciting young people worldwide in exploring materials science and engineering. Programs include educational and career services, "Materials Camp," scholarships for technical, community and undergraduate students, leadership training, and information that promotes careers in materials science.

### Who pays for Materials Camp?

The ASM Materials Education Foundation funds program through use of endowment income. All expenses including food, tuition and extra-curricular are provided.

### What do students learn at Materials Camp?

Students have the opportunity to solve problems in a fun, hands-on environment of their peers: the basic question they seek to answer is: "...why did a material fail to provide the intended use?" During their week of learning, students have opportunities to interact with adults employed in industry and use a wide variety of sophisticated techniques employed by engineers every day.

### How many students are selected?

30 full scholarships are provided for each session of Materials Camp.

### How much does the Materials Camp faculty get paid?

Faculty members are all volunteers, who often take personal vacation time to enable their participation.