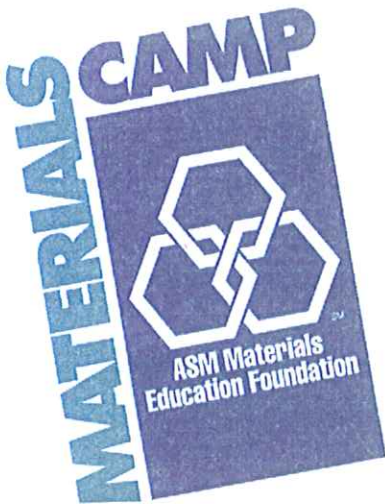




*College bound?
Unsure of a major?*

*Apply today for a fun summer camp experience
in Materials Science and Engineering.*

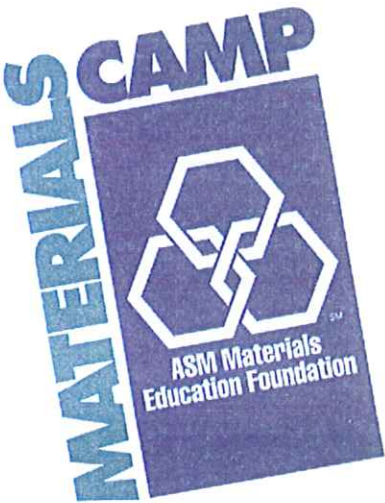
ASM Materials Camp[®] - Lehigh Valley
July 8 – 12, 2013
Lehigh University, Whitaker Lab, Bethlehem, PA
Applications due April 5

*Hands-on lab activities – Guest speakers from academia and industry – A plant tour
Expenses paid – No charge for students selected * to participate!*

Find out more at www.lvasm.org

ASM International is a non-profit professional society. Its mission is "to benefit the materials community by providing scientific, engineering and technical knowledge and professional development." The goal of the ASM Materials Education Foundation, a part of ASM International, is "To Excite Young People in Materials Science and Engineering."

* Selection is competitive. See the website for eligibility and an application.



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★★★★★ FIVE STAR CHAPTER



To: Guidance Counseling, Career Counseling Professionals and Science Teachers

From: Mario Epler and Yvonne Kukora
Lehigh Valley Chapter, ASM International

Subject: 2013 ASM Materials Camps® – Lehigh Valley for High School Students and for Teachers

Please find the enclosed information regarding two different 2013 **ASM Materials Camps® – Lehigh Valley** to be held at Lehigh University in Bethlehem PA. This year, we will be offering both a student materials camp (to be held July 8 – 12) and a teachers' camp (to be held July 15-19). Both camps are free of charge for participants.

Our professional organization actively promotes the field of Materials Science and Engineering to students as a potential career path. The student camp that we run targets talented high school sophomores and juniors (next year's juniors and seniors) and teaches them about Materials Science and Engineering as a possible field of study as they plan their college and professional careers. The week-long day camp is conducted by graduate students at Lehigh University, overseen by faculty members in the Materials Science and Engineering Department. The high school students we've had in previous years have told us they've had a great time and learned a lot more about the science and engineering options available to them. This will be the ninth year of our camp at Lehigh University's state of the art facilities. Please note that this is a **FREE** day camp for the selected participants. Snacks and lunch are provided, along with all supplies and notes. Also, participants traveling from the Reading area can take advantage of free bus transportation to and from Lehigh University leaving from the BCIU Centre Ave location.

In addition to the student camp, we will be holding our third teacher's camp. The teacher's camp is for high school general science, chemistry, physics, math and technology teachers as well as middle school science teachers. The camp is a one-week workshop giving examples of low cost / no cost, simple labs and experiments using everyday materials that can be integrated into existing lesson plans. These lessons allow for exposure of entire classrooms to the principals of Materials Science and Engineering. This camp is free of cost and includes lunches and supplies, although transportation costs are the responsibility of the attendees. This is a full day (8:00 to 5:00 PM) 5-day long workshop from July 15 – 19th at Lehigh University (note: possibility of late afternoon/evening in the event of field trips scheduled). Primary faculty are two experienced high school "Master Teachers" who have taught materials science courses for many years and helped develop this innovative approach to hands-on learning of applied science principles. Our goal is to engage and excite young people in science and math!

I ask that you forward the student camp information to your academically gifted high school sophomore and junior students who are undecided about their college major as well as circulating the teachers' camp information to other math and science faculty. Application deadline for the student camp is April 5th, and application deadline for the teachers' camp is April 22nd.

These are two excellent free experiences to for young, college bound students and science and math teachers. We hope that you will encourage your students and colleagues to apply.

Included in this packet is a student application form, an information sheet for students and some informational flyers to copy and post for students. An information sheet is provided for the teachers' camp as well. Applications for the student camp are completed by mail with the information provided on the application, and teachers' camp applications can be submitted at the following website:

★★★★★ FIVE STAR CHAPTER



ASM Materials Camp® - Lehigh Valley
July 8 – 12, 2013
Lehigh University, Whitaker Lab, Bethlehem, PA

College bound? Think you might want to study engineering or sciences, but not decided on a major? Apply today for an opportunity to be a part of a fun summer camp experience, learning about the Materials Science and Engineering as a field of study.

Commuter Day-Camp held at Whitaker Lab, Lehigh University, July 8th through 12th, 2013 9am – 4pm.

Selected participants will receive:

- ▶ an all-expense paid week of **fun**, hands-on learning about materials science
- ▶ daily transportation to and from Lehigh University for Reading-area participants
- ▶ instruction at the state-of-the-art facilities at Lehigh University
- ▶ meals, (lunch and snacks), provided on location
- ▶ an **ASM MATERIALS CAMP**® T-shirt
- ▶ a notebook with course notes, diagrams and photographs for you to keep

We are planning another great session, filled with hands-on lab activities, guest speakers from academia and industry, and a plant tour. Students who participated in our **ASM MATERIALS CAMP**® at Lehigh University in 2004 – 2012 have told us they had a **great time** while discovering a field they were not aware of. Several of them have told us they've changed their college plans thanks to their **ASM MATERIALS CAMP**® experience.

This is a competitive opportunity for area high school students who:

- ▶ Are undecided about their choice of college major
- ▶ Are talented in math and science
- ▶ Will be entering their junior or senior year in Fall 2013 (high school graduation classes of 2014 and 2015)

Class size is limited to sixteen participants.

For more information, contact **Yvonne Kukora** at **610-208-3650** or **ykukora@cartech.com**. Applications and more information are at **www.lvasm.org**

Application deadline is April 5, 2013.

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ASM MATERIALS CAMP® - **LEHIGH VALLEY** is made possible through generous sponsorship of
The Air Products Foundation
Carpenter Technology Corporation
Lehigh University PC Rossin College of Engineering and Applied Science
Brush Wellman, Inc.
and by contributions of other area businesses.