



# ASM MATERIALS CAMP<sup>SM</sup> 2006

## *Exciting Students About Science & Engineering*

### Who:

- Students entering their Junior (Grade 11) or Senior (Grade 12) year in high school in Fall 2006.
- Highly motivated inquisitive learners with math and science aptitude.

### What:

- Camp utilizing hands-on learning principles of applied math, physics, and chemistry.
- A very unique team-based, intensive problem solving science experience under the direction of a distinguished world-class faculty, "Materials Mentor".
- Combination of mini-demonstrations, field trips with extensive involvement in laboratory facilities to actively explore materials science & engineering principles.

### Where & When:

Residential Camps	Application Deadline	Commuter Camps	Application Deadline
1. Cleveland, OH – August 7-13	March 1	1. Albany, NY – June 26-30	
2. Rolla, MO – July 23-28	March 1	2. Chicago, IL – July 10-15	
3. State College, PA – June 21-28	March 1	4. Cincinnati, OH – TBA	
		5. Edinboro, PA – June 13-14	
<b>Mini-Camps</b>		6. Greensboro, NC – TBA	
1. Arlington, TX – July 15		7. Lehigh Valley, PA – TBA	
2. Cincinnati, OH – October 17-18 (MS&T)		8. Moline, IL – June 13-15	
3. Corning, NY – June 28-29		9. Montreal, Canada – July 3-6	
4. Los Angeles, CA – TBA		10. Mumbai, India – TBA	
5. Orlando, FL – April 8		11. Oak Ridge, TN – June 5-9	
6. Pittsburgh, PA – TBA		12. Peoria, IL – July 10-14	
7. Worcester, MA – May 9		13. Philadelphia, PA – July 10-14	
		14. Raleigh, NC – TBA	
		15. Seattle, WA – July 10-15	

**Cost:** Students receive FREE housing (for residential camps only), meals, tuition, industrial field trips, one-year ASM International membership.

**Transportation:** Participants must provide own transportation.

### How to apply:

- Applications are available on-line at [www.asminternational.org/foundation](http://www.asminternational.org/foundation)
- Required information includes school transcript, a maximum of two letters of recommendation
- Personal essay (100 words or more).

### Who decides?

- Students must have basic knowledge of algebra, chemistry, and/or physics and describe why they want to learn more about engineering and materials science as a possible college major and career.
- Experienced practicing engineers review each application to select the "best and brightest", highly motivated students who have not yet made a firm decision about a college major or career.
- Students must have a strong interest in applied science.
- Prior participation in science fairs is helpful, but not required.

### Questions?

For more information, please visit [www.asminternational.org/foundation](http://www.asminternational.org/foundation) or contact:

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