

# FREE ENGINEERING PD FOR TEACHERS OF GRADES 6-12

AN ASM MATERIALS EXPERIENCE



## SOUTH ALBERTA INSTITUTE OF TECHNOLOGY CALGARY, CANADA | AUGUST 8-12, 2022

WE ARE MONITORING THE PANDEMIC SITUATION TO BE SURE WE ARE PROVIDING A SAFE PROGRAM FOR PARTICIPANTS, WHICH MAY MEAN CHANGING TO VIRTUAL IF THE SITUATION WARRANTS.

### STEM PROFESSIONAL DEVELOPMENT FOR TEACHERS

Engage with science and engineering practices of NGSS through real-world applications of engineering and hands-on activities you can incorporate in your classroom.

Excellent opportunity to meet volunteers from industry and build connections to benefit your students.

#### WHO SHOULD ATTEND?

- Middle school and high school teachers with an interest in science, engineering, and industrial/career and technical education.
- Pre-service science teachers

#### WHY ATTEND?

- Engage in hands-on, low-cost activities that you can integrate into your classroom immediately.
- Help your students discover career opportunities in science and engineering, and meet practicing engineers.
- Strong connection to NGSS.
- **NO CHARGE, A \$1,200 VALUE** (Made possible through generous donations to the ASM Materials Education Foundation)

#### WHAT'S INCLUDED?

- 4 CEUs (40 hours), demonstration materials and meals.

#### GRADUATE CREDITS AVAILABLE!

- Two (2) optional graduate credits available through the University of Missouri-Kansas City at \$250 at participant's expense.

**REGISTER NOW!** Or visit [www.asmfoundation.org](http://www.asmfoundation.org).

*"Gave me the background information to better understand how materials are beneficial and why they are important. I'm also more confident in teaching about materials in the middle school setting."*

*"I felt so excited about what I was learning I started planning lessons for next year! I went to the \$1 store and purchased the items for determining growth and mass."*

#### QUESTIONS?

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