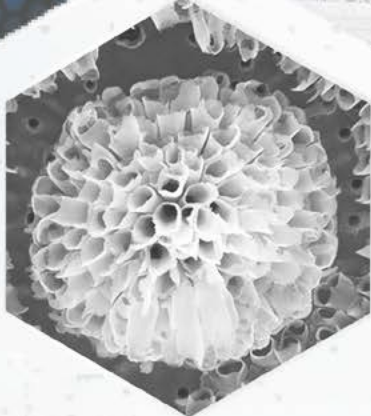


# MATERIALS SCIENCE CAMP



**July 20, 2019**  
**8 a.m.-5 p.m.**

## ABOUT THE CAMP

This one-day camp introduces middle and high school students to the world of Materials Science and Engineering. Campers will learn about:

- Properties of materials, including metals, ceramics, polymer and semiconductors;
- How materials break (and show off their knowledge in a competitive egg drop);
- How a solar cell works;
- How nanoparticles of magnetic materials are made and characterized;
- What it means to be superconductive;
- What it means to be truly frictionless

## CAMP ACTIVITIES

- Technological labs
- Materials Science experiments
- Scientific academic enrichment
- Nano-Fabrication Lab tour
- UTA Racing Formula SAE tour
- Planetarium show
- Materials characterization methods
- Project-based activities with hands-on learning experiences

## REGISTRATION

\$30 (includes experiment materials, booklet, lunch, t-shirt and participation certificate)

## APPLY

[uta.edu/mse/asm-international-materials-science-camp.php](http://uta.edu/mse/asm-international-materials-science-camp.php)

**UTA** MATERIALS SCIENCE  
AND ENGINEERING

**ASM**  
INTERNATIONAL