

An educated and experienced workforce in Science, Technology, Engineering, and Math (STEM) is essential to sustain growth of Canada's innovation economy. Studies show that 50% of future jobs will require STEM skills and the demand for proficient STEM professionals is strong and growing. This is why it is critical that we engage Canada's future workforce to pursue education in STEM disciplines.

Since 2005, NACE International (www.nace.org) has partnered with ASM Materials Education Foundation (www.asmfoundation.org) to fund and organize the "ASM Materials Camp" for Teachers, a week-long educational summer camp for high school teachers engaged with STEM activities.

The camp provides teachers with simple, low-cost experiments that can be easily integrated into lesson plans. Over 97% of past participants surveyed have incorporated experiments and concepts they learned at Materials Camp into their lesson plans.

Who Should Attend?

All teachers of science and technology

Why Should I Attend?

Learn how to engage your students using simple, low-cost/no-cost experiments that you can integrate into your existing lesson plans

Help your students discover career opportunities in science, engineering and technology

2020—CAMP LOCATIONS

HAMILTON, ONTARIO
McMaster University
July 6 — 10, 2020

QUEBEC CITY
Université Laval
July 20 — 24, 2020

CALGARY, ALBERTA
SAIT Polytechnic
August 10 — 14, 2020

REGISTER

<http://www.asmfoundation.org/who-we-impact/teachers/camp-calendar-application/>

Jeane Deatherage:
jeane.deatherage@asminternational.org

CANADA CONTACTS:

Website: www.materialscamps.ca
E-Mail: info@materialscamps.ca

CANADA ASM Materials Camp[®] for TEACHERS 2020 5 DAY WORKSHOP

The ASM Materials Camp[®] for Teachers is a 5-day workshop, combining innovative classroom instruction and laboratory experiences. This free workshop is designed to help you:

- ◇ Encourage your students to pursue post-secondary education and careers in engineering, science, and technology
- ◇ Engage your students with hands-on science experiments
- ◇ Help your students explore science in everyday life
- ◇ Introduce new ideas and technologies to build your curriculum



Hamilton 2019 Graduation



Calgary 2019 Graduation



Ottawa 2019 Graduation

Wonderful learning experience- class lectures and practical applications. I have been teaching for many years and I learned new and exciting ways to engage students. (Maelly Lew, Sherwood Secondary School)



The ASM camp has provided me with excellent examples that have enhanced my professional practice. I am confident that my experiences here will facilitate my teaching and create meaningful learning opportunities for my students. I am excited to share the different labs with my colleagues. Linda Doug, Peel School Board, Mississauga, Ontario.



Excellent PD! Also it was amazing that we were supported financially. It would be difficult to convince my family to miss valuable summer, and take a financial hit, probably wouldn't happen, so thank you greatly. John Michalenko, Jean Vanier Catholic, Collingwood, Ontario

2019 SPONSORS

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ASM Materials Education Foundation

Banff Pipeline Workshop

NACE International, Calgary Section

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SILVER

ASM Calgary Chapter

BRONZE

ASM Ottawa Valley Chapter

Catherine Silva