



## Call for Volunteers

Are you interested in Volunteering? Are you in need of Volunteer Hours? If so, APEGM is looking for engineers to participate in a program to introduce students to the diverse world of engineering.

### **Engineers in Schools Program**

The Public Awareness Committee (PAC) works to enhance the image of the professions in the eyes of the public and the members of the Association. The PAC is made up of registered professionals and members-in-training. Engineers in Schools is a new program developed by the Public Awareness Committee, in association with the Winnipeg School Division, to provide students with the opportunity to meet and work with engineering professionals.

#### General Duties and Responsibilities:

- Work with one or two other engineer members to support a teacher and their class in the process of building and programming LEGO MINDSTORMS robots.
- Participate in a class presentation explaining, What is engineering? and how engineering can be found anywhere and everywhere in today's society.
- Work with students on solving actual class problems for the robot and other class projects.
- Provide real-life experiences of dealing with engineering problems for the students.
- Promote the annual Spaghetti Bridge Competition and other Association outreach projects.

#### Specific Skills and Qualifications:

- Ability to interact well with teachers and students.
- Have a strong drive to promote the profession of engineering to our youth.
- Willingness to work with students of various ages and backgrounds.
- Willingness to act as a mentor and a resource to teachers and students.

#### Time Commitment:

- An initial training session in the Lego robot kits will be provided (approx. 2 hrs).
- Program will encompass at least three or four on site class visits (approx. 1 hr each).
- Volunteers must be approved by the Winnipeg School Division (see link for requirements):  
<https://www.winnipegsd.ca/FAMILY%20COMMUNITY/volunteer/Pages/default.aspx>

#### How to Apply:

If you are interested in participating in this program in some capacity, please email Diana Vander Aa, APEGM Volunteer Coordinator, at [volunteer@apegm.mb.ca](mailto:volunteer@apegm.mb.ca) or at 204-474-2736 extension 223.