

Welcome to the STEM Area of Interest of the Engineering and Technology Education Division (eTED) Division. The STEM acronym stands for Science, Technology, Engineering and Math. While these areas are very broad and sometimes overlap some other areas within ACTE, typically programs that execute a curriculum in biomedical science, engineering (including CAD and advanced manufacturing) and computer science (typically the physical computing portion of CS) are a part of STEM.

The STEM Area of Interest is also designed for education practitioners that run embedded or after school programs in robotics including programs such as VEX robotics, First robotics, the Aerial Drone Competition (ADC), underwater robotic programs such as SeaPerch/Mate, robotic arm competitions and programs as well as the other myriad opportunities that exist in the STEMosphere to enrich the curriculum experience.

The STEM Area of Interest includes a quarterly newsletter topic based on the needs and requests from the constituency. The newsletter topic is designed to address strategic problems and the subsequent solutions that we all face in developing and growing our programs. Examples include:

- how to select, execute and scale regional robotics programs in their various modalities (land, sea and air);
- how to provide meaningful experiences and industry credentials for engineering and computer science students at secondary and post-secondary levels; and
- how to upward differentiate CAD and advanced manufacturing experiences for students.

The STEM area of interest is open to all interested members of ACTE, as well as individuals outside of the traditional educational community who may wish to join ACTE. Notably, anyone can participate in multiple groups and areas of interest based on your individual needs.

For more information or for questions please contact:

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