

STEM Club

General Description



The STEM club operates within the innovative and non-formal education service at the American Higher International School-College "Progress" LLC. It is intended for one age category: VI-XII class students.

The activities of the club are managed by the head of the club in cooperation with the manager of the non-formal education service.

Club meetings are held once a week, except during holidays. During preparation for championships and various projects - as needed.

Club membership is voluntary.

Goals:

The goal of the club is to develop analytical and critical thinking in students through the combination of science, technology, engineering, and mathematics.

Club members develop following skills:

- Analytical thinking
- Critical thinking
- Teamwork skills
- Time management

Club members actively study and gain mastery of following:

- Members create different type of virtual models to demonstrate, explain and prove specific processes. After which they replace virtual model with real one.
- Identification of projects main problem and analyzing it.
- Gathering the required information and gaining analysis.
- Planning the project in appropriate format and creating its evaluation format.
- Implementation of project activities.
- Presenting the final product of the project.
- Project evaluation.