

STEM Training of Trainers Program

An Online Faculty Development Course: Empowering Student-Centered STEM Education

Do you teach a course in the sciences? Are you interested in learning more about best teaching practices in STEM education? Do you desire to see your colleagues develop their skills in teaching STEM at your University? Do you want to facilitate training for your colleagues in STEM education?

If this interests you, apply for the STEM Training of Trainers Program.

APPLY HERE: <https://www.surveymonkey.com/r/VFKPB3G>

This professional development course is offered through a partnership with STEM expert Dr. Jim Egenrieder. Dr. Egenrieder is on the Research Faculty of Virginia Tech University's College of Engineering and the Graduate Faculty of Virginia Tech University's Center for Leadership in Global Sustainability and President Emeritus of the Washington Academy of Sciences. He has served as the STEM Education and Workforce specialist for local school systems from 2008-2016. This program is funded by the U.S. Department of State and implemented by IREX. It is offered to faculty in the College of Education for Purse Science at Thi Qar University and the College of Sciences at the University of Diyala.

The purpose of this course is to promote best student-centered practices in STEM education within Iraq, improving strategies and design in Physics and Biology courses. Participants will be trained in best teaching practices (both tools and techniques) in STEM. Participants will then train other faculty members in the content received, establishing long term sustainability in virtual learning. Most of the course will be online, with a an in-person training in the U.S. Since most of the course is conducted online, it is essential participants have access to reliable internet connection at all times.

Dates: April 15, 2019 – November 30, 2019

Program Objectives:

- Provide participants with an understanding of how to design and implement student-centered learning in STEM.
- Provide ongoing support and feedback in the process of implementing best practices in STEM.
- Train participants in training other colleagues on information learned throughout the program on STEM education.

Time Requirements:

- Virtual trainings during the months of April-November 2019
- 1 Week travel to the US at the beginning of August

Program Expectations - Participants in the program will be expected to:

- Attend all virtual and in person training sessions and complete necessary work as required by the program.
- Implement new STEM teaching strategies in your courses.
- Design and facilitate training on STEM for colleagues based off the information you've received during the program.

Application Instructions: Application Deadline is April 6, 2019

- **Apply Online Here:** <https://www.surveymonkey.com/r/VFKPB3G>
- **Submit CV/Resume to** hep-iraq@irex.org

For questions please email hep-iraq@irex.org.

The STEM Training of Trainers Program is part of the Higher Education Program administered by IREX and funded by the U.S. Department of State.

