i-STEM 2020: STEMpower Your Partnerships
Course A
Course Syllabus – Summer 2020
Angela Hemingway and Kaitlin Maguire, STEM Action Center

Course Number:

Course Hours: One (1)

Link to Registration:

Registration Deadline: July 15, 2020, midnight MST

Location and Course Dates:
- In Person Training at one of the i-STEM Institutes:
  - College of Southern Idaho June 15-18, 2020 8am-5pm
  - Lewis-Clark State College June 15-18, 2020 8am-5pm
  - Idaho State University June 16-19, 2020 8am -5pm
  - North Idaho College June 22-25, 2020 8am-5pm
  - College of Eastern Idaho June 22-25, 2020 8am-5pm
  - College of Western Idaho June 22-26, 2020 8am-5pm
- Final Survey Due: July 15, 2020

Course Cost: $60

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COURSE DESCRIPTION: i-STEM is a four day professional development institute focused on STEM education. This year's theme is STEMpower Your Partnerships. General sessions during the institute will focus on how to develop successful partnerships within participants' organizations and communities to further STEM education for their students. Participants will attend workshops that cover science, technology, engineering and math (STEM) content within a project-based learning framework and learn how the content is applicable to local interests. Participants will network with one another, hear from keynote speakers and go on field trips.

COURSE OBJECTIVES & LEARNER OUTCOMES:
1) Participants will demonstrate an understanding of project-based learning in the context of STEM education.
2) Participants will learn how to read, understand and incorporate state content standards into their teaching.
3) Participants will learn about a specific STEM topic and receive a kit of materials to implement what they have learned into their teaching practice.

COURSE ASSIGNMENT:
1) Educators will attend all four days of an i-STEM Institute (36 hrs).
2) Educators will submit a final survey via the Community Grants Portal (https://idahostem.force.com/gms/)

FINAL ASSIGNMENT DUE DATE: July 15, 2020 by midnight MST via the Community Grants Portal.

TRANSCRIPT DATE: Summer 2020