

# i-STEM 2021: STEMpower Your Partnerships

Course Syllabus – Summer 2021  
Dr. Kaitlin Maguire, STEM Action Center

**Course Number:** KE216TE4699

**Course Hours:** One (1)

**Link to Registration:** <https://aceware.boisestate.edu/wconnect/CourseStatus.awp?&course=KE216TE4699>

**Registration Deadline:** July 15, 2021, midnight MST

## **Location and Course Dates:**

- Online Training at one of the i-STEM Institutes:
  - College of Southern Idaho June 15-17, 2021 9am-5:15pm
  - Lewis-Clark State College June 15-17, 2021 9am-5:15pm
  - Idaho State University June 15-17, 2021 9am-5:15pm
  - North Idaho College June 22-24, 2021 9am-5:15pm
  - College of Eastern Idaho June 22-24, 2021 9am-5:15pm
  - College of Western Idaho June 22-24, 2021 9am-5:15pm
- Final Survey Due: July 15, 2021

**Course Cost:** \$60

**Instructor Email:** Dr. Kaitlin Maguire [kaitlin.maguire@STEM.Idaho.gov](mailto:kaitlin.maguire@STEM.Idaho.gov), (208) 332-1726

**COURSE DESCRIPTION:** i-STEM is an online, three-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, networking, digital citizenship, and video technology. 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 industry leaders/supporters while building networks and resources.

## **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 three days of an i-STEM Institute (22.5 hrs).
- 2) Educators will submit a final survey via the Community Grants Portal (<https://idahostem.force.com/gms/>)

**FINAL ASSIGNMENT DUE DATE:** July 15, 2021 by midnight MST via the Community Grants Portal.

**TRANSCRIPT DATE:** Summer 2021