i-STEM 2019: Project-Based Learning and Idaho State Content Standards
Course A
Course Syllabus – Summer 2019
Angela Hemingway and Kaitlin Maguire, STEM Action Center

Course Number: KE196TE2391

Course Hours: One (1)

Link to Registration: https://aceware.boisestate.edu/wconnect/CourseStatus.awp2?&course=KE196TE2391

Registration Deadline: July 15, 2019, midnight MST

Location and Course Dates:
• In Person Training at one of the i-STEM Institutes:
  o North Idaho College June 17-20, 2019 8am-5pm
  o Lewis-Clark State College June 17-20, 2019 8am-5pm
  o Idaho State University June 18-21, 2019 8am-5pm
  o College of Southern Idaho June 24-27 8am-5pm
  o College of Eastern Idaho June 24-27 8am-5pm
  o College of Western Idaho June 25-28 8am-5pm
• Final Survey Due: July 15, 2019

Course Cost: $60

Instructor Email: Angela Hemingway Angela.Hemingway@STEM.Idaho.gov, 208-332-1726
  Kaitlin Maguire istem@STEM.Idaho.gov, 802-356-2060

COURSE DESCRIPTION: i-STEM is a four day professional development institute focused on STEM education. This year’s theme is Project-Based Learning and Idaho State Content Standards. General sessions during the institute will focus on understanding Idaho Content Standards and developing project-based learning unit plans that align to the standards. 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, 2019 by midnight MST via the Community Grants Portal.

TRANSCRIPT DATE: Summer 2019