

**Educurious Educator - Professional Development**  
**Course Syllabus – Fall 2018**  
**Dr. Angela Hemingway & Dr. Kaitlin Maguire, STEM Action Center**

**Course Number:** KE189TE4632

**Course Hours:** Thirty (30)

**Link to Registration:** <https://acecreek.boisestate.edu/wconnect/CourseStatus.awp?&course=KE189TE4632>

**Registration Deadline:** August 10, 2018

**Location and Course Dates:**

- In Person Training: Coeur d’Alene School District, Midtown Meeting Center, 1505 N 5<sup>th</sup> St, Coeur d’Alene, ID 83814 (OR) Pocatello/Chubbuck District Office, 3115 Poleline Rd, Pocatello, ID 83201 (OR) Columbia High School, 301 S. Happy Valley Rd, Nampa, ID 83687; 3 days (24 hours)
- Two Virtual Sessions: 2 hours
- Follow up work on own time (completing your PBL unit): 4 hours
- Final Survey Due: November 3, 2018
- Final Assignment Due: November 3, 2018

**Course Cost:** \$120

**Instructor Email:** [Angela.Hemingway@stem.idaho.gov](mailto:Angela.Hemingway@stem.idaho.gov), 208-332-1726; [istem@stem.idaho.gov](mailto:istem@stem.idaho.gov), 208-332-1729

**COURSE DESCRIPTION:** This is a 30-hour course with three components. 1) A 3-day face to face workshop (24 hours), 2) ongoing support through two facilitated online sessions (one hour each), and 3) a 4-hour day in-person follow up.

**A. STEM Project Design Workshop**

Educurious will hold a project-based learning STEM professional development workshop for educators. In this workshop, you will learn how to create or revise compelling and authentic STEM projects for your K-8 classrooms.

**B. Online Collaboration and Follow Up Work on own time**

These are a follow up to the summer STEM Project Design Workshop. Research demonstrates that educators need ongoing, job embedded support to implement new approaches to teaching and learning. These two hours of follow up (2- one hour virtual sessions and 4 hours of on own time working on your PBL Units) will complete the 30 hours of the course by providing just in time collaborative support. Teachers will share instructional “wins” and their challenges. Challenges will be addressed by an Educurious facilitator and the group as a whole. STEM experts will be brought in to support educator content knowledge.

**COURSE OBJECTIVES:**

Educators will attend the three-day professional development workshop to:

1. Learn and apply elements and design features of rigorous STEM project-based learning.
2. Learn how to support teachers in designing or adapting project-based lessons.
3. Learn how to lead and coach teachers who are implementing STEM project-based learning.

**COURSE OUTCOMES:**

- Learn the core practices of rigorous STEM project-based learning

- Learn how to support teachers in designing and implementing project based lessons
- Learn how to lead and coach teachers who are implementing project-based learning

**COURSE ASSIGNMENT:**

- 1) Attend a three-day professional development workshop (24 hours)
- 2) Participate in the virtual trainings and a 4-hour in person follow up session as required.
- 3) Complete any and all surveys and assessments administered through the course and project by deadline(s).
- 4)

**FINAL SURVEY AND ASSIGNMENT DUE DATE:** By midnight MST on November 3, 2018 via Salesforce (Community Grants Portal).

**TRANSCRIPT DATE:** Fall 2018