Junior Botball Challenge Intermediate Training
Course Syllabus – Fall 2020
Dr. Angela Hemingway & Dr. Kaitlin Maguire, STEM Action Center

Course Number:

Course Hours: One (1)

Link to Registration:

Registration Deadline: October 25, 2019

Location and Course Dates:
October 3-4, 2019
Zions Bank 800 W Main St, 17th floor
Boise, ID 83702
Course Cost: $60

Instructor Email: Angela.Hemingway@stem.idaho.gov, 208-332-1726; istem@stem.idaho.gov, 208-332-1729

COURSE DESCRIPTION: This interactive program was developed to teach STEAM fundamentals and help students of all levels achieve subject mastery through engaging and exciting hands on robotics activities! The JBC curriculum was developed by teachers for teachers to “Empower Teachers and Impact Students”. The KISS Institute for Practical Robotics provides all educators with professional development to help ensure the successful integration of this computer science and STEAM education opportunity. This training is a full 2-day, Intermediate Professional Development workshops for public Idaho teachers who have previously attended any Junior Botball professional development workshop (i.e. i-STEM) or educators at schools who have previously had the program and still have the equipment but need a new teacher trained (due to the educator leaving). Training will expand on current curriculum educators learned in their first training.

COURSE OBJECTIVE:
Developing an Idaho Community of teachers leveraging existing participants and newly recruited educators to collaborate and develop a deeper understanding of computer science and a wider array of skills and strategies to engage students in the classroom.

COURSE ASSIGNMENT:
1) Attend the two-day training on October 3-4, 2019, 8:30am-5pm (16 hrs)
2) Complete final report in the Community Grants Portal (1 hr)
3) Attend regional showcase/competition event with student team(s) in April in Boise, ID or in May in Northern Idaho. (6 Hr)


TRANSCRIPT DATE: Fall 2020