UNIVERSITY of ALASKA ANCHORAGE

College of Education
Professional and Continuing Education

Evaluation Summary

COURSE TITLE STEM - An Introduction to Artificial Intelligence with Arduinos
CRN 52869 SEM Summer 2015

COURSE NUMBER ED 580 SECTION 407 INSTRUCTOR Michael Backus

As a teacher, this course will help me improve my instruction with my students:

4 strongly agree 4 agree 1 somewhat agree somewhat disagree disagree strongly disagree

As a school administrator, this course will help me improve my instructional program in my school:

strongly agree agree somewhat agree somewhat disagree disagree strongly disagree

Comment on what you liked about the course:

1) Hands-on, meaningful tasks. Not repeated from other courses. Great instructor preparation and interactions.
The hands-on activity is fun, applicable to several of my courses, and keeps me/student engaged.
Self-paced, student centered.
Understandable and clear course objectives and grading.
Fun but tough science class.
I like how "hands-on" the course.
This course was very challenging and taught me quite a few new skills. I liked the hands-on aspects of the course and that you could actually see the fruits of your labor.
Hands-on, clear objectives, instructor knows his material and is very helpful.
I loved learning about coding and how robots respond to commends. Lots of problem solving = fun!

Comment on how the course will be useful to your work:

1) Can be drawn from in most physical science courses and math courses involving logic.
This content is directly related to my PLTW courses and FTC Robotics teams.
Help teach critical thinking skills and interest in science by students.
Hands-on knowledge of building, programing, app making and debugging of robots will help me teach this topic to students.
Provides some terrific ideas for working on STEM related projects with my EL and my I59 classes.
Michael was a great instructor who was able to help students with a wide variety of skill levels.
I will try to incorporate the use of Arduinos robots within the physics curriculum as a supplement to the lab activities we currently do.
I now feel I could teach basic programming, either to a stand-alone class, or to a section, or after school group.
It'll be difficult to use this directly with my courses but that is not the fault of the instructor. It's simply hard to find time to integrate this deep of a learning into my courses.

Comment on the instructor(s):

1) Quite knowledgeable, prepared, organized and enthusiastic about the field. He has obviously put a great deal of time and effort into creating this course and material.
Michael is extremely knowledgeable, helpful and patient.
Excellent way to teach this type of course.
Very helpful, strong organization, good balance between helping and guiding.
Terrific job, well organized and thoughtful about how to move us through the projects independently but with occasional help from the teacher.

n/a
Michael was very patient and did a good job helping without giving us the solutions.
Very knowledgeable, approachable, helpful.
Mike has been excellent!

Comment on any matter that you feel may have resulted in a better educational experience in this course:

1) n/a
n/a
n/a
n/a
More time, it was so much fun I wanted to keep going.
n/a
I felt the course was excellent as is.
If I had more knowledge of programming. (When to use byte us others, for example).
n/a