Master of Science in Science Education

Teaching Computing in the Middle School and High School Classroom

Summer 2016 Campus Course

Adrian Sanchez-Gonzalez/Chronicle

CSCI 591-001: Computer Science in the Classroom: Computational Thinking for Teachers (2 credits)

June 13-17, 2016

Instructor: **John Paxton**

✳ Intended for grade 7-12 teachers who want to learn how to incorporate computational ideas into the classroom.

✳ Examines the computing field and how it impacts the human condition.

✳ Gently introduces computational thinking using the Python programming language.

✳ Provides teachers with the option to potentially teach *The Joy and Beauty of Computing* as a dual enrollment course at their home high school.

✳ Surveys exciting ideas and influential people in the field of computing.

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