



## CS90.14 Computer Science in K-12 Education

Fall 2018; 6 units

**Description** A reading course on computer science in K-12 education. Readings will focus on stem education with an emphasis on computer science. Additionally students will gain hands on experience through a teaching group. Roughly 2 hours will be spent teaching, 2 hours will be spent planning for the next class as a group, and 2 hours will be spent on individual readings and lesson planning. You **MUST** be able to join a teaching group and planning session.

**Instructor** Claire Ralph

**Email** [clairer@caltech.edu](mailto:clairer@caltech.edu)

**Office Hours** TBA

### Teaching Group Schedule

Planning Sessions are in ANB 208

Group 1 Fri 12-4pm (teaching and planning)

Group 2 Mon 4-6pm (planning) and Tues 4-6pm (teaching)

**Course Structure and Grading** This course is offered P/F for 6 units. As we are working with outside organizations and kids from the local community, students are expected to enthusiastically participate in the class. If you know you will have a difficult time making it to almost all sessions, there are some other K-12 and community outreach options that are more flexible/ require less time commitment.

