

K-12 Computing Education Seminar Syllabus

Time: Tuesdays, 1:30 - 3:00pm starting 4/3

Location: CSE 403

Facilitator: H  l  ne Martin (ln@cs.washington.edu)

Website: <http://www.cs.washington.edu/education/courses/cse490o/12sp/>

In this seminar, we explore challenges and opportunities related to computing education for pre-collegial students. Our primary goal is to become more effective advocates and supporters of computing education in K-12. We discuss relevant education policy, teaching strategies and existing endeavors while spending time working with K-12 students in the Seattle area.

Expectations for all participants:

- Participate actively in at least 7 meetings
- Contribute at least one blog post
- Complete readings and small projects (1.5 hours/week)
- Volunteer for at least 2 hours over the quarter
- Keep a volunteer log
- Adhere to volunteer norms

Additional expectations for Pipeline students:

- Volunteer for contracted tutoring hours based on credit number
- Complete pre and post seminar online survey
- Turn in final reflection paper (part of post-seminar survey)
- Complete final project and present during last seminar session