

K-12 Computing Education Seminar

Syllabus

Time: Tuesdays, 12:30 - 2:00pm

Location: CSE 403

Facilitator: Hélène Martin (ln@cs.washington.edu)

Website: <http://www.cs.washington.edu/490o>

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
- Volunteer for at least 2 hours over the quarter
- Complete readings and small projects (about 1.5 hours/week)
- Document all activities on wiki (<https://dawgbytes.cs.washington.edu>)
- Adhere to volunteer norms

Additional expectations for Pipeline students:

- Attend orientation
(<http://expd.washington.edu/pipeline/common/pipeline-volunteer-basics.html>)
- Volunteer for contracted tutoring hours based on credit number
- Complete pre and post seminar online survey