



All-OPAS Workshop February 4, 2009:

Prepare Workgroup

Accomplishments

- Review of In-school K-12 Engineering Curricula
 - Chose Project Lead the Way (PLTW) based on based on scalability (training, support, curriculum, assessment) and OIT's work as a foundation to build on
- PLTW support:
 - Some support of OIT in their role as State Affiliate to address need for State Leader
 - Informational session on PLTW January 2008
 - Seminar coordinated at ODE's request, Superintendent Summer Institute, August, 2008 – some key connections made
- Increased understanding of CTE, Standards, Requirements & monitoring activity in same

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Accomplishments

- Review of In-school K-12 Computer Science Curricula
 - Technological literacy is more than the ability to use standard applications & is only a starting point
 - Few Oregon schools currently offer CS; nationwide decline in interest & enrollment; AP dropped more difficult of 2 CS exams
 - No equivalent to PLTW for CS
 - With ETIC CSTF & TechStart: Looking at CS4HS out of Carnegie Mellon – Professional Development program on CS.

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Accomplishments

- In both CS and Engineering, opportunities are limited to a small percentage of Oregon high schools.
- Often these programs target non-college-track and CTE students as reflected in scheduling and rigor.
- Bright Future Segment: In-Class High School
 - Refining cost model to maximize *new* PLTW schools
 - Looking at CS4HS as possible basis for scalable model

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Goals for 2009

- Find a new Chair
- Create Business Plan for high school in-class segment
- Continue to champion and support PLTW
- Firm up plan for growing CS in-class offerings

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