

**EVALUATION SUMMARY**  
**WA-ACTE FALL CONFERENCE “INNOVATION...INTEGRATION OF CTE AND STEM”**  
**NOVEMBER 3-4, 2011 – SEATTLE AIRPORT MARRIOTT**

**Objectives:**

- Curricular approaches to infusing STEM and CTE
- Contextualizing math and science with the CCSS or art in CTE
- Pedagogical approaches such as: Project-Based learning, Work-Based learning, Problem-Based learning, and Online delivery
- Use of Continuous Quality Improvement model using data
- Use of classroom level data collection – academic data for state tests and technical skills data for certifications

5=Excellent      4=Very Good      3=Good      2=Fair      1=Poor

<b>1. The extent to which the written objectives have been met:</b>	<b>4.08</b>
<b>2. Participant perception of relevance and quality of the conference:</b>	<b>4.10</b>
<b>3. The extent to which the following activities have been met:</b>	
<b>a. Opportunities for participants to collect and analyze evidence related to student learning.</b>	<b>3.87</b>
<b>b. Professional certificate standards.</b>	<b>3.73</b>
<b>c. School and district improvement efforts.</b>	<b>3.87</b>
<b>d. K-12 frameworks and curriculum alignment.</b>	<b>3.69</b>
<b>e. Research-based instructional strategies and assessment practices.</b>	<b>3.93</b>
<b>f. Content of current or anticipated assignment.</b>	<b>4.06</b>
<b>g. Advocacy for students and leadership, supervision, mentoring/coaching.</b>	<b>4.01</b>
<b>h. Building a collaborative learning community.</b>	<b>4.20</b>
<b>4. The quality of the physical facilities:</b>	<b>4.49</b>
<b>5. The quality of the oral presentations:</b>	<b>4.20</b>
<b>6. The quality of the written program materials:</b>	<b>4.03</b>
<b>7. Suggestions for improving the conference:</b>	

- Change the final session (carousels) to a time for school district teams to talk. I loved the breakout sessions. Great Content. Wonderful resources. Thanks.
- Please get PPTs on a CD/thumb drive or online or something.
- The best conference I’ve been to yet!
- The lesson plans and projects were awesome! Most presenters were energetic and entertaining.
- It was a great conference.
- Not everyone had printed materials.
- Would be ideal to have program materials earlier. I would send targeted CTE teachers.
- See more best practices, competency based/referenced grading.
- More classes for Middle School STEM programs.
- It was great. I might like to see more Middle School activities/seminars.

- I learned a little bit of information that can go a long way in my classroom. Presenters that were teachers did a better job than presenters from industry.
- Please put keynote Topher White's PowerPoint on website!
- More hands-on lab suggestions.
- Really liked the STEM emphasis.
- Have more industry people presenting/panels. Student presentations tie it to CTSOs. Great ending session!
- Robotics presentation offered all the lesson plans and information needed to start a program at my school. We need more of these programs.
- Good job!
- Begin conference 30 minutes later. Traffic is outrageous for those who live in Puget Sound trying to get to SeaTac area.
- Well done!
- As a general education teacher trying to learn new ideas for how to include STEM in my classroom, I was offended by the introductory speech. I feel that we (general ED and CTE) are all in this together, but got the feeling that he is promoting an "us vs. them" attitude. On the other hand, the presenters and material for the "guitar" session were FANTASTIC!
- Quality conference. Preferred Great Wolf Lodge facilities. (parking fees, internet fees, etc., were ridiculous)
- Guitar seminar was awesome! Didn't like the traffic.
- I hope it's not just Great Wolf Lodge lamentation, but this conference was not as good as the two previous ones. The majority of presentations I saw were long on talking. I tuned out of most. Randy Steele's was exceptionally good. Ruff was fascinating as well. The keynote speakers were great. Last class - Measurement - VERY interesting.
- Content didn't match description of sessions clearly.
- Very nice wrap-up. Looking for more of a "101" on Project Management (PM).
- Good job!
- Try to find cheaper venue to allow for more schools to participate. Also, no schools with budget crises can afford more professional development, not just this one.
- It would be helpful to have one present on aerospace opportunities/partnerships/manufacturing.
- Good strategy for wrap-up. Funding seems to be a problem supporting STEM initiatives. Solving this issue will help move things along.
- Found out great resources available!
- More sessions and more examples of application.
- Since I had to have two sub days, full-day conference would have been better money use but I didn't mind finishing early. I got a ton of information from the robotics/STEM sessions, but everything else was of limited use.
- Guitar and STEM great presentation very applicable. Math, need more hands-on examples, too much theory.
- Appreciated the people from industry presenting.
- Math workshops, new technology, and applications fantastic presentations. PLTW requires capital expenditures, too rich for most districts. State needs to assist in engineering curriculum with science and core math standards, plus tech.
- Actually I obtained three solid concepts and materials that I plan to use immediately.
- The parking exits clogged up all of us trying to get out. The double parking vouchers, bad system by Marriott.
- Wider variety of presentations. Better description for some presentations.
- Sessions with actual activities most students do were fantastic.
- Make sure every room is equipped with a projector. Not every room was provided with one.
- Excellent resources! Job well done!
- STEM Guitar Building. WOW! The hotel is too spendy. Price to park your car at the hotel is terrible.
- Rooms too crowded for movement. I liked the wrap-up. Doing it the first day as well may have been valuable.
- More collaboration.
- The keynote speaker I found to be very offensive. As a general education teacher, I felt very attacked and offended by nearly all of his comments. He really is not fusing CTE and General Ed. I feel he was promoting an "us vs. them" climate. Guitar session was awesome!
- Sign-in or evaluations for each session to gauge interest how each session went.
- More lab project ideas.
- Need to identify the web site on your documents. Can access during conference? This would be great.
- Speaker (machine kind) not good in presentations. Other web site support?
- Make sure the title for the breakout sessions actually is what the speaker is discussing. There were too many sessions that had nothing to do with the description. Facility was very nice and enjoyed the keynote speaker who works at Disney. Robotics session was great.
- More computer-related sessions for those of us who teach web design and DTP.
- Increase relevancy for postsecondary educators and CTE directors.
- I thought I would come away with more information of how CTE standards align with math, what courses align with what standards. Some workshops were great ideas but did not get math or science credit. Not sure why however.
- More training on Project Management Layout.

- Cross credit math to CTE wasn't what it said and the speakers didn't know high school information - 3rd year math requirements. Many speakers were unprofessional and unprepared. Summer conference was 100% better. Disappointing to bring administration and math people here.
- Randy Steele, Andy Nydam did awesome. Good conference.
- Regarding written program materials, not enough handouts provided.
- Good!
- More common core.
- Need more strategies to be implemented in classrooms. Less just showing what you've done with no way to translate to other classes.
- Great!
- More sessions.
- Perhaps more information on how programs were implemented into existing programs regarding the shifting of staff, training of staff from the administration perspective.
- Strand for levels (Middle/High School Balance – lecture. Take away lessons.
- Need storage for presenters.
- Great. There are non-CTE participants such as math and science teachers. In more than one presentation the attitude was one of CTE vs. others. I hoped it would have been presented as a team or partnership rather than one vs. the other.