EXPLORATORY STEM COURSE TRAINING IN ENGINEERING
AUGUST 8-12, 2015 – YAKIMA
INSERVICE EVALUATION SUMMARY

Inservice Objectives

This hands-on training is for instructors that would like to implement a STEM Pre-engineering class within their school. It will be all five days and other participants may drop in for different units. Since the training is set for those that have registered, tangible items may not be available for drop-in participants.

LEARNING GOALS: Learner will be able to start up a STEM Elective Engineering Class in either a high school or middle school.

TAKE-AWAYS: Instructor will be able to take away safety tests and engineering projects to use in the classroom.

FOR STEM: The integration of Science, Technology, Engineering, and Mathematics in a shop or classroom laboratory.

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

1. The extent to which the written objectives have been met.	4.59
2. Participant perception of relevance and quality of the conference.	4.56
3. The extent to which the following activities addressed by the conference have been met:	
a. Opportunities for participants to collect and analyze evidence related to student learning.	4.15
b. Professional certificate standards.	4.07
c. School and district improvement efforts.	4.33
d. K-12 frameworks and curriculum alignment.	3.93
e. Research-based instructional strategies and assessment practices.	4.19
f. Content of current or anticipated assignment.	4.70
g. Advocacy for students and leadership, supervision, mentoring/coaching.	4.48
h. Building a collaborative learning community.	4.89

General Comments or suggestions for improving the inservice:

- Please specify time limit for each section and stick to it. Don't add last minute presenters. Make it 75% hands-on, 25% talk. Too much rambling off topic this year. Use better pedagogy during "lecture" parts. Give group tasks, ask for existing knowledge first - know the audience! I recommend Sullivan and Foss for leading any session.
- As a beginner in CTE instruction, I really had planned on gaining what was described in the catalog. However, things were changed and I feel my needs were not met as well I had planned. The presenters were great though.
- There was a bit too much sitting and listening. I am more successful at using stuff with my students if I have done it all hands-on.
- Very worthwhile.
- No suggestions - excellent workshop!
- Going away with many great ideas!
- Do not put other learning in place of allotted time, 4.5 hours to teach, only got 2.0 hours to teach!
- Please continue! This is great for networking.
- Great overall! Thank you. I would add more high school related content. It seemed most instructors were middle school based.
- Amazing work! I love the hands-on!
- Little more structure. Try to keep to the published timeline. Great job on the hands-on - need more.
- It blocked many of the speakers' websites. All seminar used websites should be whitelisted for the conference.
- More time and more organized.
- More hands-on activities and teaching strategies.

- This workshop is awesome...two summers in a row where I've come away with great stuff! Thank you so much.
- Good
- Thanks! Great job! Solid fuel rockets, aeronautics.
- Excellent training and sharing opportunity - thank you.
- STEM training is the best, most invigorating session I've ever attended. It has given me so many ideas, coursework, and assessments to help my students. Thanks.
- The hands-on activities were super helpful. I would love to walk through more activities "as a student" so that I can experience what my kids will experience.
- Great training! Instructors did a wonderful job with hands-on instruction. The electricity lessons were very informative.
- Great job.
- The training was great. I got many, many ideas and resources. The trainers and participants were very professional. I enjoyed meeting CTE people and making new friends. It felt like the material was skewed heavily to middle school level. Make sure activities are safe - those exploding rocket launchers were really dangerous.