

From: Jemma Blake-Judd
To: Bill Scroggins
Date: 8/20/2014
Subject: Advanced Manufacturing Partnership with Glendale CC and El Camino CC

Bill and Irene,

I wanted to keep you posted on the meeting yesterday with representatives from Glendale and El Camino.

We hope Advanced Manufacturing will be called out as a priority at the Summits on Sept 9 and 10. If it is, we will be submitting a joint proposal.

So far the discussion has settled on this concept: Glendale and El Camino will go after some high ticket, cutting edge equipment. They will then give Mt. SAC the equipment that is being replaced by these new items.

I need to stress that their cast-offs would make for a shocking improvement for us. We would all use the professional development funds available to train our faculty on our new equipment. We would all make modest curriculum modifications to keep pace with the new equipment. After the acquisitions and "gifting," we would all be running the same software and using basically the same equipment.

Here is the exciting part: At that point we would engage students in "real world" scenarios/challenges. **Mt. SAC students** would develop product designs using sketching and rapid visualization techniques; they would have to work within established design constraints. **El Camino students** would then take Mt. SAC's product design and move the concept toward a manufactured product. They would work on an analysis of manufacturing constraints and use this analysis to determine which manufacturing processes, prototyping, and fabrication machinery should be used. **Glendale students** would then use the chosen process/machinery to develop refined working prototypes. This order would then be reversed or scrambled, and we'd start again.

There was also some talk about Glendale and El Camino being able to serve as a training center for industry (once they have all of the new pieces of equipment!).

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