

## Employer Summit Minutes September 12, 2008

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### Attendees:

Attached list of attendees

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Cerro Coso Community College PowerPoint Presentation (<http://www.cerrocoso.edu/cte/summit> )

Keynote Speaker PowerPoint Presentation (<http://www.cerrocoso.edu/cte/summit> )

Next Step Notes (Attached)

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The Employer Summit began at 8:30 am with welcome messages from MS. Valerie Karnes (Cerro Coso Community College Dean, Career Technical Education), Dr. Mary Retterer (Cerro Coso Community College President) and Ms. Joanna Rummer (Superintendent, Sierra Sands Unified School District).

Following the welcome messages, an updated was provided by Sands Unified School District, Cerro Coso Community College and California State University Fresno on "Where We Were and What We've Done" which outlined the progress made in the past year.

Ms. Laura Hickle (Sands Unified School District Special Projects, Educational Technology and Assessment) provided an update on SB70 Strengthening Career Technical Education from the partnership with Cerro Coso Community College and the Naval Air Warfare Center at China Lake to the implementation of Project Lead the Way at Burroughs High School. In addition, Ms. Hickle discussed the new Career Technical Education Facilities that will be built at Burroughs High School.

Dr. Dennis VanderWerff (Cerro Coso Community College/Chair, Curriculum Instruction Council) discussed the Industrial Technology Program to the employers. This presentation included the program description, program objectives, student learning outcomes and the program course requirements. The 18 unit core program requirements, emphasis areas and career pathways were reviewed outlining the multiple paths for students to earn certificates and a degree. The Fast Track Certificate and Boot Camps were also reviewed.

Dr. John Stenger-Smith provided employers and the community with information about the engineering program update which included courses that had been updated in the past year as well as the two pending courses. Dr. Stenger-Smith also provided an update to the modernization of the science facilities, scheduling of courses, and recruitment of engineering faculty. He announced the first Introduction to Engineering class is currently in session and has thirteen students enrolled.

Mr. Kenneth Santarelli (California State University, Fresno) provided an update of the Memorandum of Understanding (MOU) between Cerro Coso Community College. The MOU is in the final stages of obtaining signature and they have provided Cerro Coso Community College a letter of intent. This partnership will provide for engineering students to be dual enrolled in both institutions. Cerro Coso College would provide the first two years of engineering instruction and the last two years would be provided by California State University, Fresno using interactive technology. Students will be able to

obtain a Bachelor of Science in Electrical or Mechanical Engineering. Cerro Coso Community College and California State University, Fresno has been piloting this interactive technology instruction in the past two semesters with an upper division student in the Learning Resource Center with success.

The next section of the Summit called “Where We’re Going” focused on partnerships and the development of an Online University Center by Dr. James Fay (Cerro Coso Community College Vice President of Academic Affairs). Dr. Fay outlined his vision of expanding partnerships with local employers as well as an Online University Center for Cerro Coso Community College students. The University Center would offer totally online bachelor and masters level programs that he expects to be available to students starting in 2009.

Following the Partnership/University Center update, Dr. VanderWerff lead the “What’s Next” session where the college and employers discussed what other workforce and educational needs needed to be addressed. The notes from this discussion are attached.

Our Keynote Speaker, Mr. Hal LaFlash (PG&E, Director of Emerging Clean Technology) addressed the Emerging Renewable Energy Technologies. The presentation file can be viewed on the Employer Summit Website (<http://www.cerrocoso.edu/cte/summit> )

During a working lunch, a presentation by Burroughs High School Project Lead the Way was provided. Mr. David Ostash (Burroughs High School Principal) introduced Damien Jacotin (High School Instructor), and three high school students. The instructor and high school students presented the program materials, projects and valuable experiences to the audience.

Following the high school presentation, Dr. Stenger-Smith introduced the final speaker, Mr. Brian Barker. Mr. Baker shared his story of persistence in obtaining a Bachelor of Science in Engineering. He is a graduate of Cerro Coso Community College and is currently in his final year with California State University, Fresno. Mr. Barker is the pilot California State University, Fresno engineering student.

## Employer Summit –September 2008

### Discussion Notes

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## What is Next?

What is needed?

- Focus on need of articulation between technical and business communications/writing
- Computer security
- Process control
- Focus on the competition and show potential students what we have to offer
- Package courses in shorter number of weeks, 4-6 weeks
- Make sure the courses offered at Cerro Coso are transferable to other universities
- Offer 1-2 day classes for re-certification
- Continue offering Prometric courses and certification
- IT network security
- Long-term scheduling
- Employer link on Cerro Coso's webpage for courses and scheduling
- Set up internships and externships (work experience)
- Focus on courses that would train laboratory technicians
- Software engineers and computer programmers
- Training for electrical circuits, soldering, modern electronics,
- System engineering/integration (electronic, mechanical, aeronautics)
- Student housing in the Ridgecrest area
- Configuration management (tracking changes and managing integration of hardware/software, especially advanced MS Excel and Access)
- Project management courses and certification
- Focus on soft skills in communication, collaboration, networking, technical team building, polite interaction
- Hospitality management