



## Konocti Education Center (KEC)

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California Community College Makerspace Project  
Sacramento, CA 95811

To Whom It May Concern:

Konocti Education Center strongly endorses the Woodland Community College (WCC) application for the California Community College Makerspace Project. The WCC project aims at promoting student engagement through Science, Technology, Mathematics and Engineering (STEM) activities. Through the Makerspace Project and its emphasis on project based learning and internships, the College will respond to the challenges of increasing STEM enrollment and completion rates at the College's three sites. Specifically, these problems are evident in the following:

- Entering students are unprepared in math – 79% of these students are not ready for college level math.
- Fewer students declare an interest in pursuing STEM degrees.
- Only 8% of students who take a math course three levels below transfer successfully transition to a transfer level math course.
- Success rates in STEM disciplines are low

Our partnership with WCC, which includes dual enrollment and a Middle College High School, will benefit from this approach to learning – using Makerspaces as vehicles for problem-based learning. Students in our Middle College High School will be introduced to courses that will, through interdisciplinary collaborations, utilize the Makerspace to introduce them to STEM fields. Also, the increased student engagement that is associated with problem based learning and Makerspaces will also contribute to retention and completion rates.

As such, we strongly support the application and envision this project as another means of enhancing our student learning partnership with Woodland Community College.

Sincerely,

Melissa Lambert

Konocti Education Center

Principal