

California Career Technical Education Incentive Grant (CTEIG)
Consortium: San Rafael City Schools and the Marin County Office of Education

Grant Number: 15-25312-1021-00-6387-8590-21
Granting Agency: California Department of Education
Consortium Grant Award: \$385,000 (SRCS: \$175,000; MCOE: \$210,000)
Grant Term: July 1, 2016 – June 30, 2017 plus renewal for two additional year with increased match requirements

Grant Purpose: To develop, expand and/or sustain career technical education (CTE) programs. Consortium members can utilize funds to support their own programs, to expand and sustain existing collaborations, and to develop on new collaborative programs.

Grant Requirements / Grant Programs: The grant requires demonstration of successful CTE programs in each of the following required areas. The bullets represent examples of anticipated grant programs and outcomes in each area.

1. **Quality Curriculum and Instruction:** A coherent sequence of CTE courses that enable pupils to transition to postsecondary programs leading to a career pathway or attain employment upon graduation from high school.
 - Development of expanded articulation agreements with the College of Marin: Auto 110; Auto 111; Engineering 110; Film Production; Building and Construction; Business Office Systems; Multi Media Design
 - Development, through UCCI process, of additional CTE courses that meet A-G requirements
 - Engineering and Architecture post-secondary articulation in with 3-course sequence with U-C credit and CTE certification. Dual Enrollment with College of Marin Department of Engineering. Autodesk industry certification.
 - Sustaining and expanding existing CTE courses, such as Advanced Computer Sciences integrating 'Maker Space' curricula with a product development emphasis.
2. **Career Exploration:** Quality career exploration programs, work-based learning, career assessment and career guidance.
 - Expansion of internship opportunities for students especially in areas aligned with career pathways and CTE courses.
 - Expansion MCOE Career Academy class in summer and fall and spring semesters that parallels internship experience. Dual enrollment credit with College of Marin.
 - Development of a Teaching Occupation program that encourages students to explain careers in education

- Sustaining and expanding existing career exploration programs, such as Advanced Computer Sciences integrating 'Maker Space' curricula with a product development emphasis.
3. **Student Support:** Counseling, leadership development, enrichment.
- Further implementation of the 4 C's Assessment in which students assess themselves, their group members, and their teachers on Collaboration, Critical Thinking, Communication, and Creativity performance within a semester-long, problem-based course; reflection and discussion facilitated by student group leaders and individual goals are formalized for each student.
 - Expanded School to Career Liaison assessment of career interests and leadership development potential of students participating in work-based learning programs.
 - Development of Career Academy curriculum providing leadership development, support services, and career counseling components.
4. **System Alignment:** Communication, coherence and articulation with local and regional postsecondary educational institutions with documented agreement.
- Development of expanded articulation agreements with the College of Marin: Auto 110; Auto 111; Engineering 110; Film Production; Building and Construction; Business Office Systems; Multi Media Design.
 - Development, through UCCL process, of additional CTE courses that meet A-G requirements
 - Regular meetings bringing together post-secondary partners and K-12 to support career pathway development, dual enrollment programs, articulated classes, and college outreach to secondary students.
 - Additional documented formal agreements between Marin County Office of Education and San Rafael City Schools and CTE courses with College of Marin, Santa Rosa Junior College, and Skyline College.
5. **Industry Partnerships:** Ongoing and structural industry and labor partnerships with documented agreements and participation of advisory panels.
- Expanded numbers of employer partners providing work-based learning opportunities for students.
 - Alignment with regional partners including the Workforce Alliance of the North Bay, Marin Employment Connection.
 - Engage new industry partners aligned with CTE course development and expansion in engineering, biotech, advanced computer sciences, technology and health.
6. **After School/extended Day Opportunities:** Opportunities for pupils to participate in after school, extended day and out of school internships competitions, and work-based learning opportunities.

- Expanded internship and work-based learning programs for students specific to advanced Computer Sciences integrating 'Maker Space' curricula with a product development emphasis.
 - Expanded Regional Occupational and CTE programs offers after school and evenings: Engineering design, Teaching Occupations; Digital Media, Construction
7. **Regional and Local Labor Market Demands:** Program development reflecting regional and local labor market demands and focus on emerging high skill, high wage, high demand occupations
- Alignment with regional partners including the Workforce Alliance of the North Bay, Marin Employment Connection.
 - Collaboration with regional organizations and agencies that commission regional market studies and analysis including the Marin Employment Connection, Marin Economic Forum and the North Bay Leadership Council
8. **Industry Certification:** Pathways leading to an industry recognized credential, certificate, appropriate post-secondary training or employment.
- Sustaining and expanding of existing certification programs: Medical Assisting; Construction Safety Automotive Technical Training Standards; Work Readiness Certification.
 - Develop Autodesk industry certification and other areas of advanced Computer Sciences integrating with a product development emphasis for potential certifications.
9. **Skilled Faculty:** Pathways and CTE classes staffed by skilled teachers who are provided with professional development opportunities.
- Further expansion and development of industry advisories especially in areas of advanced Computer Sciences, engineering, biotechnology and technology.
 - Expanded professional development through collaboration with the Buck Institute for Education, the Northern California Career Pathway Alliance, and others.
 - Incentivize continuing education and certification for CTE teachers.
10. **Data and Evaluation:** Provide data to allow for an evaluation of the program and to meet data reporting requirement.
- Utilize existing data reporting through CALPADS, Career Pathway Grant, CALPASS, and other existing data collection tools.