

**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.