

OUTCOMES (reference: STEM narrative pages 24-25)

1. The establishment of a **common data collection system** to be used by all partners. (All partners have agreed to participate in Cal-PASS Plus.)
2. The establishment of a **common platform** to “broker” work-based learning experiences for students and staff and to facilitate communication and connectedness with local employers.
3. The establishment of a detailed and comprehensive **plan for the development and implementation of regional articulation and dual enrollment practices.**
4. The establishment of **comprehensive evaluation plans** for each of the program **component**: 1) IT ePortal; 2) work-based learning; 3) pathway development; 4) Professional Development; 5) student support and transitions; and 6) public information. These evaluation plans will be both formative and summative in nature and will appropriately measure impact and effectiveness, target areas needing improvement, and identify promising practices that may be replicable among partners.

And ...

STEM Grant

Outcome	2015-16	2016-17	2017-18
Enrollment of 40,538 students in 12 distinct pathways	10,176	13,735	16,627
Number of students who earn certifications	Establish baseline	Show growth (not defined)	Show growth (not defined)
Number of students who obtain work permits	Establish baseline	Increase by 10% above baseline	Increase by 35% above baseline
Work-based learning experiences of any kind	Establish baseline	Increase by 25% above baseline	Increase 50% above baseline

Career Pathways Program Planned Approach

<i>Integration of standards-based academics</i> with career-relevant, sequenced curricula to develop industry-themed pathways aligned to high-skill, high-wage, high-growth jobs	
Elements (reference: STEM narrative pages 12-17, 24)	Measures (reference: RFA pages 15-17)
<ul style="list-style-type: none"> • Sequenced Curriculum • Integrated Career-Relevant Learning with Core Academics • Early Exposure • New Schools and New Pathway Development • Develop and Implement Common Standards for Pathways • Develop Soft Skills • Career-Relevant Themes in a-g and Core Academic Courses • Develop and Facilitate Exchange of Curricula and Course Content 	<p>K-12</p> <ul style="list-style-type: none"> • Number of students who have successfully completed a career pathway program with a “C” grade or better in all the pathway courses. • Number of students in the career pathway program who received a high school diploma. • Number of students in the career pathway program who received a nationally recognized industry-valued certificate. • Number of students in the career pathways program who received a state-approved CTE certificate. <p>Post-secondary</p> <ul style="list-style-type: none"> • Number of students and their credits earned in dual enrollment courses aligned with the career pathway program in which they are participating. • Number of students and their credits earned in credit by exam opportunities aligned with the career pathway program in which they are participating. • Number of students who completed one credit-bearing course aligned with the career pathway program in which they are participating. • Number of students who completed two credit-bearing courses aligned with the career pathway program in which they are participating. • Number of students who completed a career pathway within the career pathway program. • Number of students in the career pathway program who transitioned from community college to a four-year college or university. • Number of students in the career pathway program who received an Associate of Arts degree or Associate of Science degree. • Number of students in the career pathway program who entered into employment aligned with the career pathway.

Career Pathways Program Planned Approach

<i>Work-based learning experiences</i> and leverage of existing structures to engage student in integrated instructional activities	
Elements (reference: STEM narrative pages 17-20, 24)	Measures (reference: RFA pages 15-17)
<ul style="list-style-type: none"> • Job shadow experiences • Mentorships • Internships • Pre-apprenticeships • Apprenticeships • Student Leadership Opportunities • State-chartered CTSO's • Development of Soft Skills 	<p>K-12</p> <ul style="list-style-type: none"> • Number of students participating in job shadowing, mentoring, or internship opportunities aligned with the career pathway program in which they are participating. • Number of students participating in work experience opportunities aligned with the career pathway program in which they are participating. • Number of students participating in a pre-apprenticeship program (Registered Youth Apprenticeship) aligned with the career pathway program in which students are participating. • Number of students participating in an apprenticeship program aligned with the career pathway program in which they are participating. • Number of students participating in a student leadership organization as part of the career pathway program. <p>Post-secondary</p> <ul style="list-style-type: none"> • Number of students participating in job shadowing opportunities aligned with the career pathway program in which they are participating. • Number of students participating in mentoring opportunities aligned with the career pathway program in which they are participating. • Number of students participating in internships aligned with the career pathway program in which they are participating. • Number of students participating in work experience opportunities aligned with the career pathway program in which they are participating. • Number of students participating in a pre-apprenticeship program aligned with the career pathway program in which they are participating and aligned with a state-approved apprenticeship. • Number of students participating in a state-approved apprenticeship program aligned with the career pathway program in which they are participating. • Number of students participating in student leadership organizations as part of the career pathway program.



<i>Student Support and Transition</i> – innovative services and strategies to ensure positive student outcomes and promote student transition	
Elements (reference: STEM narrative pages 11, 18, 27; RFA pages 25-27)	Measures (reference: RFA pages 15-17)
<ul style="list-style-type: none"> • Case Management • Counseling • Support Services • Transition Services • Development of Soft Skills • College advisors facilitating connections to post-secondary support programs • Student Leadership Teams • Student-led workshops • Partner mentors to student leaders • Leader lecture series • Credit-by-exam • Dual Enrollment • E-transcripts 	<p>K-12</p> <ul style="list-style-type: none"> • Number of students who have successfully completed a career pathway program with a “C” grade or better in all the pathway courses. • Number of students in the career pathway program who received a high school diploma. • Number of students in the career pathway program who received a nationally recognized industry-valued certificate. • Number of students in the career pathways program who received a state-approved CTE certificate. <p>Post-secondary</p> <ul style="list-style-type: none"> • Number of students and their credits earned in dual enrollment courses aligned with the career pathway program in which they are participating. • Number of students and their credits earned in credit by exam opportunities aligned with the career pathway program in which they are participating. • Number of students who completed one credit-bearing course aligned with the career pathway program in which they are participating. • Number of students who completed two credit-bearing courses aligned with the career pathway program in which they are participating. • Number of students who completed a career pathway within the career pathway program. • Number of students in the career pathway program who transitioned from community college to a four-year college or university. • Number of students in the career pathway program who received an Associate of Arts degree or Associate of Science degree. • Number of students in the career pathway program who entered into employment aligned with the career pathway.