



**Essential Goals for challenge 1.** Build regional infrastructure for long-term sustainability

- Collaboration with internal partners (grant awardees)
- Systems to support regional external partnerships
- Stakeholder communication (internal and external)
- Post-secondary engagement
- Governance and Leadership
- Data reporting

**Essential Goals for challenge 2.** Educational Program Excellence

- Work Based Learning
- H.S. CTE sequence quality and relevance
- Faculty and Teacher support
- Student Supports
- K-12 CTE sequence alignment with CC
- Administrator support
- Integration of CTE w/core subjects
- Sector alignment across all CC
- Teacher pipeline and credentialing

**Partner Activities:**  
 a. Describe all activities related to the three OC Pathways sectors. This includes activities associated with programs that are receiving OC Pathway funding or other type of funding sources.  
 b. Describe in detail how does each of these activities support the outcomes for OC Pathways.

											Year 2 Budget		\$162,584.10		
											Indirect Costs	\$4,269.00			\$158,315.10
Goals	Outcomes	Partner Activities	OC1000	OC2000	OC3000	OC4000	OC5000	OC5200	OC6000	OC7000	Total	Year 2 Balance	In Kind Match		
1d.	Sector Curriculum Development Teams targeting design and adoption of CC Sector Foundational Course, high school CTE course sequence alignment and generation of articulation agreements.	b.SCC full-time faculty member, Dr. Denise Foley will co-chair the Biotechnology Sector Group along with Dr. Kathy Takahashi, and Amy Kaufman. This tri-leader model will contribute to developing the PD opportunities. Provide professional development opportunities to instructors. Include mileage for participation.					\$ 13,250.00				\$ 13,250.00	\$ 145,065.10			
1e.	>50% of K-12 partners will support the participation of pathway educators in the Integrated Academics /PBL training provided by the OC Pathways participants in the CDE CPT PBL Leadership academy	a. N/A b.									\$ -	\$ 145,065.10			
1f.	>80% of K-12 partners will support the participation of Orange County counselors in the Counselor Conference and the 2 <sup>nd</sup> pathway educators' meeting.	a. N/A b.									\$ -	\$ 145,065.10			
1g.	100% of partners will participate in an annual OC Pathways showcase	a. SCC will participate in the December 2, 2015 OC Career Pathway Showcase. b. A representative from SCC will represent the Biotechnology program.									\$ -	\$ 145,065.10			

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1h.	100% of K-12 partners make at least 1 informational presentation to their schoolboards	a. N/A													
		<ul style="list-style-type: none"> <li>Overview of OC Pathways and districts' implementation plan</li> <li>Integration of CTE Pathways with core subject matter disciplines</li> <li>Leveraging of other funding streams to support OCDE's vision to have Orange County students lead the nation in college and career readiness and success</li> </ul>									\$ -	\$ 145,065.10			
1i.	100% of community colleges make at least one presentation to the appropriate governance group at each college.	a. Will continue to provide presentations and updates at appropriate meetings, including at least one at the Dean's meeting.													
		b. Provide overview including regional alignment of community college programs, and share high school alignment efforts.										\$ -	\$ 145,065.10		
1j.	15 business partners will participate with the Sector Curriculum Development Teams to develop the following:  1. Common CC sector foundational courses 2. Common sequenced pathway courses for K-12 3. Alignment of K-12 and CC pathway courses for articulation	a. Where appropriate, SCC will help recruit business partners to assist with the Sector Curriculum Alignment Teams.													
		b. Will engage local industry partners where appropriate around the curriculum alignment effort.										\$ -	\$ 145,065.10		
1k.	100 business partners will participate in virtual exchange with pathway students	a. Where appropriate, SCC will help recruit business partners to assist with the virtual exchange.													
		b. Will engage local industry partners where appropriate around the virtual exchange.										\$ -	\$ 145,065.10		



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2a.	>80% of high school pathways teachers participate in the design, and finalization of CTE pathway sequence of courses (Intro. Concentration, Capstone). These courses are to be aligned across all high schools offering pathways in the same sector.	a. N/A													
		b.										\$ 145,065.10			
2b.	100% of K-12 pathway programs will adopt the common CTE pathway sequence of courses (Intro. Concentration, Capstone) developed by the sector curriculum development team in collaboration with sector educators.	a. SCC will build infrastructure to grow the pipeline of High School students into the program. This includes outreach to High School students for Dual/Concurrent Enrollment.	\$ 13,466.00	\$ 20,928.00	\$ 4,913.00						\$ 39,307.00	\$ 105,758.10			
		b. SCC will offer support new Biotech Courses, Bio 191 and Bio 193 through adding Instructional Assistants. We will also fund newer classes Bio 190 (Intro to Biotech) in the Intercession, Bio 191 (Basic Lab Skills) in Spring, and Bio 193 (Nucleic Acids) in the Spring.													
2c.	One CC foundational course per sector (total of 6) will be developed and submitted for review.	a. SCC will co-chair the Sector Curriculum Alignment Team in order to develop a foundational course.													
		b. Dr. Denise Foley will help lead the planning efforts and development of the curriculum. She will also provide additional program facilitation on campus by providing 0.9 LHE of time.	\$ 1,118.00									\$ 1,118.00	\$ 104,640.10		
2d.	Agreements are developed to articulate the common sequence of high school technical courses / capstone course with the CC sector foundational course for each sector	a. Articulation agreements will be considered for the CC foundational course through the Sector Curriculum Alignment Team.													
		b. Provide 3 High School teachers with stipends to participate in the Sector Curriculum Alignment Team. This is beyond the current teachers already participating.					\$ 9,000.00					\$ 9,000.00	\$ 95,640.10		

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	2e. A minimum of 225 K-12 and CC educators will participate in the design, implementation, and evaluation of Integrated Curriculum Projects (ICP). The number of educators will be distributed equitably across sectors based on the number of pathways per sector.	a. Integrated Curriculum Projects (ICP) will be considered through the Sector Curriculum Alignment Team. b. Dr. Foley will participate in related conversations.										\$ -	\$ 95,640.10		
	2f. >80% of K-12 pathway administrators will participate in UCCI informational presentation.	a. N/A b.										\$ -	\$ 95,640.10		
	2g. A minimum of 4 UCCI courses are developed with each of the 4 adopted at a minimum of four high schools.	a. N/A b.										\$ -	\$ 95,640.10		
	2h. WBL Level 1. Career Awareness: a. 1,700 pathway students will participate in Vital Link's career awareness events. b. >80% of partners will host a minimum of one career event to all pathway students. c. >50% of pathway students will participate in a virtual exchange with an external partner (less than 3 hours).	a. 1. SCC will offer a CTE Pathway Day in the Fall with the assistance of a Lab Coordinator. 2. Offer a Biotech specific Pathway Day in Spring 2016. 3. Develop and offer a Biotech industry tour in the Summer for students. Von Lawson, Dean of Business and CTE will participate in the planning. b. Will coordinate with Vital Link and other regional programs for activities.		\$ 1,456.00				\$ 23,220.00				\$ 24,676.00	\$ 70,964.10	\$ 49,976.00	

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	2i. WBL Level 2. Career Exploration: a. Job shadowing: 30 K-12 pathway students will participate in a 3+ hours of virtual exchange with an external partner.  b. 300 pathway students will participate in Vital Link's job shadowing events.	a. N/A  b.									\$ -	\$ 70,964.10			
	2j. WBL Level 3. Career Preparation:  a. 25% of K-12 pathway students in each sector will participate physically or virtually in mentoring opportunities  b. 10% of K-12 pathway students will participate in career related student competitions (e.g. OCMaker Challenge)	a. 1. SCC will provide 2 students with Supplemental Instruction (SI) opportunities allowing them to be mentors to other students. This leadership role allows them to gain field experience related to their studies. 2. Develop a STEM Career Fair in collaboration with the SCC Career Center.  b. 1. Will recruit two students and offer SI for Biotech in the Spring semester. 2. Work with internal partners to recruit, promote and implement a career fair for Biotech & STEM students.		\$ 9,072.00							\$ 9,072.00	\$ 61,892.10			
	2k. WBL Level 4. Career Training:  a. 20% of K-12 pathway students and 35% of community college pathway students will participate in internships	a. SCC will offer BIO 197, a STEM internship class on campus working with a faculty member.  b. This STEM internship class will be offered on campus under the direction of faculty. Students will develop Standard Operating Procedures for new equipment.	\$ 3,833.00								\$ 3,833.00	\$ 58,059.10			
	7i. >80% K-12 counselors from participating OC Pathways high school will participate in the Orange County Counselor	a. SCC will exhibit a table of information at the event.						\$ 3,000.00			\$ 3,000.00	\$ 55,059.10			

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21.	School will participate in the Orange County Education Conference and the 2 <sup>nd</sup> pathway educators' meeting	b. Outreach and marketing materials will be available to share information about the pathways offered at the college, including print materials.													
2m.	>80% pathway students will receive services on college planning, career planning, resume-writing, and interview coaching.	a. College counselors are available to students for work on career planning, resume writing and interview coaching. b. SCC will maintain College Central, and online career planning services including internship and job matching, interview tips, and resume writing tips.									\$ -	\$ 55,059.10			
2n.	>60% of K-12 pathway administrators will participate in CCASN Training on Master Scheduling and LCAP Alignment.	a. N/A b.									\$ -	\$ 55,059.10			
2o.	>60% of K-12 pathway administrators will conduct a CCASN follow-up meeting at their sites to develop a plan for implementation of master scheduling and LCAP alignment.	a. N/A b.									\$ -	\$ 55,059.10			
2n.	Increase the number of teachers who have the appropriate	a. Provide professional development opportunities for faculty members.	\$ 600.00								\$ 600.00	\$ 54,459.10			

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	credentials to teach pathway courses.	b. Provide a backfill substitute instructor for Dr. Foley to attend the OC Biotech Collaboration Conference in the Fall.														
2q.	Pathway resources (equipment, software, etc.) are updated to reflect current industry standards.	a. Procure equipment and supplies necessary for the program to maintain state-of-the-art status and prepare students with 21st Century skills.  b. For use in instruction and non-instruction. Will also utilize supplies for career exploration and outreach events including SCC Community Science Night, Pathways Showcase, STEM Showcase, etc.				\$ 2,861.00			\$ 51,598.00		\$ 54,459.00	\$ 0.10				
<b>Total</b>			\$19,017.00	\$31,456.00	\$4,913.00	\$2,861.00	\$48,470.00	\$0.00	\$51,598.00	\$0.00	\$158,315.00	\$ 0.10	\$ 100,157.00			