

Region	Central/Mother Lode
Sector	(All)

Sector -TOP	College	Collaborate?	Program Area Name	Current Completers Per Year	Additional Completers	Proposed Expenditures	Program Contact
<b>Advanced Manufacturing 0510.00 Logistics and Materials Transportation</b>	Fresno City College	Interested	Logistics and Inventory Control	0	45	Funds will be used to develop a Logistics & Inventory Control program. Building on existing curriculum, programs and courses the program will address areas within warehousing, inventory control, distribution, purchasing and computer applications. Industry certifications may include MSSC CLA, CLT, and CPT. The investment will include curriculum development, professional development, equipment, and supplies/materials. The total projected cost will be \$175,000.	Natalie Culver-Dockins natalie.culverdockins@fresnocitycollege.edu 559-265-5700
<b>Advanced Manufacturing 0934.00 Electronics and Electric Technology</b>	Merced College	Yes	Industrial Electrical Technician	8	12	Industrial Electrical Test Meters \$14,600 Curriculum Development \$2,000 Professional Development \$2000	Jim Andersen andersen.j@mccd.edu 209-384-6396
	San Joaquin Delta College	Interested	Developing program on Automation (Robotics/Mechatronics).	0	5	Equipment for Automation \$39,823	Salvador Vargas svargas@delta college.edu 209-954-5093
<b>Advanced Manufacturing 0945.00 Industrial Systems Technology and Maintenance</b>	Merced College	Interested	Industrial Maintenance Technician	8	10	Curriculum Development \$3,000 Laser Alignment Tool \$18,500 Vibration Meeter \$ 3,700 E-Learning Computers - \$25,000 Professional Development \$2,000	Jim Andersen andersen.j@mccd.edu 209-384-6396
<b>Advanced Manufacturing 0956.00 Manufacturing and Industrial Technology</b>	Merced College	Interested	Welding Technology	8	30	Industrial Band Saw \$40,000 Curriculum Development \$2000 Professional Development \$3000	12. Jim Andersen andersen.j@mccd.edu 209-384-6396
	Modesto Junior College	No	Career research and counseling in multiple CTE areas	417	65	Counseling and disciplinary faculty will develop and lead career research activities focused on specific CTE sectors and occupations (\$5,000); laptops and a mobile storage unit to travel for career research activities by discipline (\$25,000). TOTAL: \$30,000	Pedro Mendez mendezp@mj c.edu 209-575-7795
	West Hills College, Lemoore	Interested	Maintenance Mechanics local certificate program	40	0	\$3,000 for instructional technology for the classroom. \$3,000 for professional development for training to implement effective teaching techniques into the classroom environment.	James Preston jamespreston@whccd.edu 559-925-3146
<b>Advanced Manufacturing 0956.30 Machining and Machine Tools</b>	Reedley College	Interested	Upgrade vertical milling machines	60	0	Replace three old vertical milling machines with new Kent KTM-3VSF vertical milling machines \$40,000	David Clark david.clark@reedleycollege.edu 559-638-0361
	San Joaquin Delta College	Interested	Training for machine shops, metal fabrication shops, industrial maintenance.	3	5	The CNC machines currently used are about 20-30 years old and will be replaced with new state-of-the-art CNC machines. CNC Machines \$200,000 (Approximate)	Salvador Vargas svargas@delta college.edu 209-954-5093
<b>Advanced Manufacturing 0956.50 Welding Technology</b>	College of the Sequoias	Yes	Manufacturing (Welding, Industrial Maintenance) Partnerships and Upgrades	45	15	Upgrade the ever-changing technology within the areas of manufacturing, welding and industrial maintenance: 1) Upgrade power needs for welding. 2) Improve pneumatic technologies in welding area; 3) Updated equipment for the motor control laboratory and a new lathe; 4) Faculty training in robotics; Professional development with NCCER; 5) Industry partnership development for internship within Industrial Maintenance and Welding Technology Total: \$80,500.	C. Louann Waldner louannw@cos.edu (559)688-3027
	Fresno City College	Interested	Advanced Manufacturing – Robotic Welding	5	15	The funds will be used to support the purchase of the robotic welding cart as well as for staff training and curriculum development. Training is roughly \$10,000, equipment is about \$85,000, and curriculum development is about \$13,000. Total projected cost \$108,000.	Jacob Jackson jacob.jackson@fresnocitycollege.edu 559-442-8273
	Taft College	Interested	WELDING & INDUSTRIAL TECHNOLOGY	0	15	Funds will be used to purchase equipment and materials necessary to support & enhance the instruction of classes in this program area, \$90,144. The program area needs additional welding machines equipment and related materials to ensure instruction is based on what is used in industry.	Sam Aunai saunai@taftcollege.edu 661-763-7814

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<b>Agriculture, Water, &amp; Environmental Technologies 0102.00 Animal Science</b>	College of the Sequoias	Interested	Food science/safety for increased industry relevance of Animal Science.	30	15	1) Curriculum Development to include a Food Safety Certificate and a Meats Science course (including realignment of the sequence of courses so that the new courses are part of the AS degree.) 2) Invest in animal processing facilities to ensure student safety and best animal handling practices 3) Professional Development for our faculty to include training for HAACCP certification and other industry recognized training. Costs: \$120,000.	(559)688-3027 louannw@cos.edu (559)688-3027
<b>Agriculture, Water, &amp; Environmental Technologies 0109.10 Landscape Design and Maintenance</b>	Merced College	Interested	Landscape Maintenance	3	12	Turf Aerator and attachments \$14,000 Pruning Tower \$28340 Landscape Irrigation Trainers \$5000 Curriculum Development \$3000 Professional Development \$1500	Jim Andersen andersen.j@mccd.edu 209-384-6396
<b>Agriculture, Water, &amp; Environmental Technologies 0112.00 Agriculture Business, Sales and Service</b>	Reedley College	Interested	Agriculture and Water program development and upgrade	60	40	One phase of this project is to expand agricultural programs in water and food safety. These programs will be short term training for immediate employment. \$75,000 The other phase of this project is to upgrade the irrigation system on the school farm laboratory and to purchase computers and furniture for the Agriculture Business computer lab. \$120,000	David Clark david.clark@reedleycollege.edu 559-638-0361
	San Joaquin Delta College	No	Agriculture Business training for various Business and Supervisory positions.	5	7	Desktop Computer with appropriate Agri-Business software. \$75,000	Salvador Vargas svargas@delta college.edu 209-954-5093
<b>Agriculture, Water, &amp; Environmental Technologies 0116.00 Agricultural Power Equipment Technology</b>	Merced College	Yes	Mechanized Agriculture / Heavy Equipment Mechanics	26	0	Tier 3 Diesel Engines \$31,000 Professional Development \$1500	12. Jim Andersen andersen.j@mccd.edu 209-384-6396
	Modesto Junior College	Yes	Mechanized Agriculture Heavy Equipment, Diesel Truck Maintenance	3	3	Funding to go toward the purchase of a diesel truck for Mechanized Agriculture lab. Funding is secured for the balance of the total cost. Diesel truck equipment and technology for lab (\$30,000); Miscellaneous parts (\$2,500); TOTAL: \$32,500	Pedro Mendez mendezp@mjc.edu 209-575-7795
<b>Health 1201.00 Health Occupations, General</b>	West Hills College, Lemoore	Yes	ADN, EMT- Paramedic Program, and CNA	100	20	\$18,000 for equipment and supplies for simulation labs for all disciplines in health careers. Equipment includes EKG generators, electrodes, work station on wheels, and updates to current mannequins. \$23,000 for technology for the classroom to include a class set of iPads and projection units to be shared among health career programs. \$3,000 for professional development for training to implement iPads and tablet technology into the classroom environment.	James Preston jamespreston@whccd.edu 559-925-3146
<b>Health 1210.00 Respiratory Care/Therapy</b>	Modesto Junior College	No	Respiratory Care - to prepare licensed respiratory care technicians	23	4	Team of 2 faculty to conduct comprehensive review of Respiratory Care Program curriculum incorporating Advisory Committee recommendations, new inter-professional simulation components, and potential development of an RC baccalaureate degree. (\$5,000); Benefits (\$500); Site visits and needs assessments in the use of simulation in RC and development of a BS degree (\$3,000); Acquisition of current RC equipment for use in simulation lab (\$9,750); TOTAL: \$18,250	Pedro Mendez mendezp@mjc.edu 209-575-7795
<b>Health 1222.00 Physical Therapist Assistant</b>	College of the Sequoias	Interested	Physical Therapy Assistants and Aides--Regional Clinical Work	22	5	Regional Work: Regional Clinical Instructor Training can be conducted to recruit Clinical Sites and Instructors (\$10,000/training); Regional Pathway Development for PT employers and PT Aides (\$8,000/per training); Equipment Purchases for PT Assistant Program at COS (\$8000). Total: \$8,000 - \$44,000 (when regional work is included).	C. Louann Waldner louannw@cos.edu (559)688-3027
<b>Health 1230.00 Nursing</b>	College of the Sequoias	Interested	Regional Training Idea: "Thinking like a Nurse." By Nurse Keith	125	0	Have a one-day seminar/workshop on critical thinking: "Thinking like a Nurse." By Nurse Keith; Invite all schools of nursing, nurse educators, student nurses and nurses to increase their ability to think critically. \$5,000	C. Louann Waldner louannw@cos.edu (559)688-3027
	San Joaquin Delta College	Interested	Primarily Registered Nursing.	130	160	Equipment and Software \$83,350 ADN curriculum review and revision - Facilitators to be used during the review and planning phase - \$5,000 Professional Development for in and out of state opportunities \$11,650	Salvador Vargas svargas@delta college.edu 209-954-5093
<b>Health 1230.10 Registered Nursing</b>	College of the Sequoias	No	College of Sequoias Nursing Simulation Upgrades and Faculty Workshop Stipends	125	0	Nursing Equipment: 1) Laerdal SimNewB manikin to replace SimBaby, 2) SAMI by Cardionics \$39,465; Embedded workshops into the curriculum for incoming and ongoing nursing students, who are at risk for not passing the NCLEX. Faculty would be embedded various modules and seminars; this model could be used for other programs across the campus (\$8000).	C. Louann Waldner louannw@cos.edu (559)688-3027

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<b>Health 1230.10 Registered Nursing</b>	Fresno City College	Interested	High fidelity simulation training with multidisciplinary allied health teams.	475	0 Total expenditures for this project are \$270,000. Proposed expenditures are based upon high fidelity equipment at \$250,000 which would be used for interdisciplinary collaboration. Curriculum development includes the allied health disciplines of registered nursing, radiologic technology, respiratory care, medical assisting, and health information technology at \$4,000. Training of staff with a cost of \$8,000 provided at \$800 per person with 10 faculty. The skills lab will be remodeled at \$8,000.	Stephanie R Robinson stephanie.robinson@fresnocitycollege.edu 559-244-2685
	Merced College	Yes	Registered Nursing Program Transition to Practice	55	8 Faculty salaries for transition to practice internships. \$15,000	Bobby Anderson robert.anderson@mccd.edu (209) 386-6730
	Reedley College	Interested	High fidelity simulation training with multidisciplinary allied health teams.	42	0 - Under the health care area, RN and LVN, the funds will be used to purchase and upgrade high tech medical equipment in which the students will be trained to improve their skills. \$40,000 equipment	Jim Chin jim.chin@scccd.edu 559 675-4800
<b>Health 1251.00 Paramedic</b>	Modesto Junior College	Interested	Licensed Paramedics Program with field & clinical experience	0	20 Development of lab props and materials (\$3,500); supplies for class labs & Regional Fire Training Center hands-on exercises (19,837); Benchmark visits, professional development and planning work sessions for instructional team, program licensing fees, program promotion (\$15,500); technology, ambulance simulated environments. smart classroom infrastructure (\$64,000) = Total \$102,837	Pedro Mendez mendezp@mjc.edu 209.575.7795
	West Hills College, Lemoore	Interested	EMT- Paramedic Program- A.S. Degree/Certificate	20	4 \$17,000 for extensive professional development including training for faculty to get certified as EMS Educator 1, EMS Educator 2, and national EMS educator certification. Attendance at EMS conferences and workshops. Simulator instructor(s) professional development to include SIM certification for 2 faculty. Development and implementation of preceptor courses to provide professional development for ambulance providers who will precept our Paramedic students during their third semester.	James Preston jamespreston@whccd.edu 559-925-3146
<b>Health 2133.00 Fire Technology</b>	Fresno City College	Interested	Pre-Hospital Emergency Care: Paramedic/EMT Expansion	124	40 Funds will be used to develop and expand the Pre-Hospital Emergency Care programs. The current programs are Paramedic and EMT. The expansion may include EMR and Community Paramedic. In order to meet the identified need, investments will be made in curriculum development, professional development, equipment and supplies/materials. The total projected cost is \$105,000.	Natalie Culver- Dockins natalie.culverdockins@fresnocitycollege.edu 559-265-5700
<b>ICT/Digital Media 0701.00 Information Technology, General</b>	College of the Sequoias	Interested	ICT/Digital Media Curriculum Redesign	15	15 The current faculty member is retiring and the advisory is suggesting a complete restructuring of the program from an Information Technology program to Information and Communication Technologies (ICT)/Digital Media Program. The Curriculum Redesign and Industry Engagement would be the bulk of the program investment. \$35,000 (part-time faculty for 1 year)	C. Louann Waldner louannw@cos.edu (559)688-3027
	West Hills College, Lemoore	Interested	A.S in CIS and various IT-related local certifications	15	15 \$10,000 for curriculum development to work with industry/regional partners to identify, update, and implement certificates and degrees. Initial ideas include a degree in computer science (transfer) and certificates for web designer, web developer, and network administrator. \$5,000 for tablet-related instructional technology to be used by faculty and students related to app development and cloud computing. \$10,000 for upgrades and purchasing of equipment to revitalize A+ certification program.	James Preston jamespreston@whccd.edu 559-925-3146
<b>ICT/Digital Media 0934.10 Computer Electronics</b>	Modesto Junior College	Interested	Computer Electronics, preparing students to repair and service computers	8	5 Team of faculty to develop course outlines, curriculum design and direction on expansion of virtualization curriculum (\$9,000); Faculty benefits (\$4,500); Benchmark school visits (\$2,500). TOTAL: \$16,000	Pedro Mendez mendezp@mjc.edu 209-575-7795
<b>ICT/Digital Media 2206.10 Geographic Information Systems</b>	Columbia College	Yes	Geographic Information Systems	4	10 GIS is an important entry level technology for the growing field of spatial analysis. We are currently working on a collaboration with UC Merced to have their students take our new GIS Mini certificates. We propose spending \$3,000 for GIS equipment and \$1,000 for professional/curriculum development to partner with UC Merced to expand the program	Kathy Sullivan sullivan@yosemite.edu 209 5885142

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<b>Not in a priority or emergent sector 0948.00 Automotive Technology</b>	Columbia College	Interested	Automotive Technology	45	10 Automotive technology is a dynamic field with constant changes in current technology. As a NATEF accredited program we are required to adhere to the most current standards. This includes staff acquiring the latest certifications and keeping curriculum current, including high school articulation. We would propose \$1,790 for curriculum development, professional growth for staff and supplies to support these activities.	Kathy Sullivan sullivanv@yosemite.edu 209 5885142
	Fresno City College	Interested	Engine Repair/Engine Performance NATEF Certification	46	20 The funds will be used to obtain the GST Certification for the Engine Repair/Engine Performance program. The addition of a Maintenance and Light Repair component to the program will be included. Investments will include curriculum development, professional development, equipment and supplies/materials. The total projected cost is \$55,000	Natalie Culver-Dockins natalie.culverdockins@fresnocitycollege.edu 559-265-5700
<b>Not in a priority or emergent sector 2105.00 Administration of Justice</b>	Modesto Junior College	No	Administration of Justice for correctional officers: law, firearms, evidence	62	8 Improved equipment and training for use of current firearms: Faculty Professional Development - Glock AC - Armorer's Course (1 Day), Remington 870 Armorer's Course, Ruger Mini 14 Armorer Course (\$3,490); Enhancement of firearms and holster technology and equipment (\$10,279). TOTAL: \$13,769	Pedro Mendez mendezp@mjc.edu 209-575-7795
<b>Not in a priority or emergent sector 2133.50 Fire Academy</b>	Columbia College	Interested	Fire Academy/Fire Technology/Wildland Fire Technology Program	22	20 We propose using these funds to expand to a second academy. In order to support that expansion we would use \$60,000 for equipment (examples: turn outs and tanks for the 24 breathing apparatus donated to us by the City of Stockton Fire Department) \$4,000 for curriculum development, professional growth for staff and supplies and costs related to the expansion.	Kathy Sullivan sullivanv@yosemite.edu 209 5885142
<b>Retail/Hospitality/Tourism 0501.00 Business and Commerce, General</b>	Merced College	Interested	Business Management	38	10 Computer Upgrade \$63,000 Instructional Videos \$5,000	Bobby Anderson bobby.anderson@mccd.edu (209) 386-6730
<b>Retail/Hospitality/Tourism 1208.00 Medical Assisting</b>	Modesto Junior College	No	Medical Assisting expansion - distance education delivery mode	47	8 Two faculty to collaborate with potential partners for the creation of a satellite Medical Assisting cohort (\$5,000); benefits (\$250); Curriculum and material acquisition (\$1,000); Travel for two faculty for site visits (\$500); TOTAL: \$6,750	Pedro Mendez mendezp@mjc.edu 209-575-7795
<b>Retail/Hospitality/Tourism 1306.30 Culinary Arts</b>	West Hills College, Lemoore	Interested	AA in HRCM and Chef Apprentice Certificate	7	18 \$40,000 for upgraded equipment to match industry trends including refrigeration and freezer unit, and other equipment upgrades. \$23,000 for instructional technology to purchase class set of iPads, projection unit, and database technology to improve training on POS systems. The integrated educational tools available on the iPad will enhance the department in class instruction. \$3,000 for professional development for training to implement tablet technology into the classroom environment.	James Preston jamespreston@whccd.edu 559-925-3146
<b>Small Business 0501.00 Business and Commerce, General</b>	West Hills College, Lemoore	Interested	AA in Business Admin and Office Technology. Certificate in Entrepreneurship	40	15 \$5,000 for curriculum development to further develop and enhance certificates and degrees tied specifically to jobs in sector. \$5,000 for instructional technology equipment, such as iPads or tablet-related instructional technology, to be used by faculty and students who are part of the development of entrepreneurship, enterprise, and small business projects at the college. \$5,000 for professional development for Business and Entrepreneurship faculty to attend workshops and conferences.	James Preston jamespreston@whccd.edu 559-925-3146
<b>Small Business 0506.40 Small Business and Entrepreneurship</b>	Columbia College	Yes	Small Business/Entrepreneurship	12	20 Small business/Entrepreneurship are growing in the Mother Lode. We propose \$5,000 to expand the Customer Service Academy with training for instructors, professional development and supplies related to expansion of course offerings throughout the community..	Kathy Sullivan sullivanv@yosemite.edu 209 5885142
	Modesto Junior College	Interested	Entrepreneurship: multi-disciplinary program for small businesses	0	20 Faculty team of 4 to develop a multi-discipline program linked to disciplines such as: Agriculture, Automotive, Computer Graphics, Computer Electronics, and/or Welding (\$5,000); Staff time for recruitment and working with students to integrate disciplines and entrepreneurship (\$14,700); Benefits (\$2,500); Curriculum, video and material acquisition (\$6,500); Professional development training, marketing, and promotion (\$4,500); technology for Entrepreneurship Center (\$25,000); TOTAL: \$58,200.	Pedro Mendez mendezp@mjc.edu 209-575-7795