

1. What is your name? *

Dr. Carole Goldsmith

2. What is your email address? *

carole.goldsmith@fresnocitycollege.edu

3. What is your phone number? *

(559) 442-2212

4. What organization are you affiliated with? If none, please indicate so. *

Fresno City College (a college of the State Center Community College District)

5. Who is the anticipated project implementer (this can be different than the applicant)? *

Project implementer is the same as the proposer.

6. Where is your project located? Please be as specific as possible, including address, nearest cross-streets, parcel information (if available), and zip code. *

*West Fresno; on the southwest corner of Martin Luther King Blvd. and Church Ave.
(contingent upon Board of Trustees and site owner approvals)*

7. Please provide a short description of your project. *

INTRODUCTION

Fresno City College seeks to develop a high intensity use satellite campus site in the West Fresno region to provide community residents with access to workforce training and educational opportunities leading to high-demand, high-quality jobs. The new site will offer technical certificates and degree programs leading to traditional and “green economy” employment outcomes and increased community health benefits. Our West Fresno satellite location will inspire entrepreneurship to transform the region and serve as a Magnet Core to catalyze improvements in the overall environmental health of the West Fresno region.

The planned facility will be constructed in phases, utilizing environmentally impactful and sustainable design and material strategies throughout. The initial phase of construction is timed to coincide with the Fresno Transformative Climate Communities project, which is the portion of the overall site that is described in the document that follows.

WEST FRESNO SATELLITE – GENERAL DESCRIPTION

During Phase 1, an academic center of approximately 40,250 square feet will be developed on roughly ten acres of land, serving an estimated 2,000 students/semester and providing transfer, certificate, and degree training options in general education and career tech fields. Programs will include general/transfer education, allied health/emergency health services, alternative automotive vehicle certification, and industrial manufacturing; courses to be provided both in the day and evening to accommodate student scheduling needs.

“Green Facilities”

All aspects of site development and construction will maximize environmental sustainability. Site assessment will ensure that the site is evaluated for environmental contamination and protect the health of vulnerable populations. In order to address local sources of air pollution project design will integrate a variety of systems; together these will support air quality, rain water management, water use reduction, energy efficiency, renewable energy production, heat island reduction, green-space utilization, and the use of mass transit and bicycle trails. Campus structures will be located to maximize their efficiency by aligning placement to solar, wind, soil, and landscape features found at the West Fresno location. Pollution prevention measures during construction will reduce pollution from soil erosion, waterway sedimentation, and airborne dust.

Green power and carbon offsets will be utilized to encourage the reduction of greenhouse gas (GHG) emissions by using grid-source, renewable energy technologies and carbon mitigation projects. Fresno City College (FCC) will engage in a contract for qualified resources that have come online since January 1, 2005, for a minimum of five years, to be delivered at least annually; this contract will provide a minimum of 50% and up to 100% of the project’s energy from green power, carbon offsets, or renewable energy certificates.

*Furthermore, the development of the West Fresno satellite campus will include the relocation of the existing Career & Technology Center (CTC), located on Annadale west of Highway 99 in southwest Fresno. This will provide a strong environmental benefit through the reduction of GHG through the replacement of old, inefficient buildings with new, energy efficient facilities. In FY 2016-17, CTC’s electrical and gas usage was roughly 280,000 kWh and 9,700 therms, respectively. By replacing these existing 40+ year old, inefficient structures with new energy efficient, net-zero facilities in West Fresno, **yearly GHG emissions would be reduced by an equivalent to 247 metric tons of CO₂.***

Overall, structures at the West Fresno satellite facility will include flexible, multi-use classrooms, science and technical labs, computer centers, a fitness center/weight room, student lounge, community meeting rooms, a student services center, bookstore, and office/staff space. Building design and construction will incorporate flexibility to accommodate growth of the site in later phases, with an eye toward future expansion of programs and services.

WEST FRESNO SATELLITE - TRAINING PROGRAMS

Programs selected for Phase 1 of the West Fresno satellite campus were chosen for projected job growth, income potential, and probability of enhancing local green economy growth and shared prosperity. Furthermore, these programs were among those that the West Fresno community expressed interest in having at the site, based on a series of community meetings held by Fresno City College in anticipation of the local education site. Programs under consideration that lead to occupations and industries that support the overall Transformative Climate Community project’s implementation include:

- **General/Transfer Education**

Fresno City College has a proven track record of preparing students for successful transfer to four-year institutions in a wide variety of fields. Our community college transfer students typically succeed at attaining bachelor’s degrees at higher levels than students who begin their

education at a university. The college currently hosts twenty-four Associate Degrees for Transfer programs; successful completion of these two-year programs guarantee priority admission at California State University campuses as long as all eligibility requirements are met.

While this coursework will include all categories of general education classes, special focus will be provided for STEM fields related to High Speed Rail training, business courses, and courses related to health and wellness issues. An Entrepreneurship Center at the site will provide local business owners with support to start and maintain companies and while discouraging economic displacement; these will include low-cost training programs targeted at small business enterprise.

- **Allied Health/Emergency Health Services**

Opportunities in health care training will range from preparation to work as medical assistants in health care offices to the pre-requisite coursework needed to enter more specialized allied health careers. Theoretical coursework and hands-on skills training will be used to prepare students for work experience placements in the community, which often lead to entry-level jobs. Many students find employment in the health care sector while continuing to pursue educational plans for higher wage careers such as nursing, dental hygiene, respiratory care, radiologic technology, and other specialty programs. Additionally, courses in contemporary health issues and certificates in fitness training will promote the overall well-being of the community.

Fresno City College has a long standing history of successful partnerships with local community health care organizations such as Community Regional Medical Center, St. Agnes Hospital, and Valley Children’s Hospital. Partnerships with Fresno County Department of Public Health Emergency Medical Services (EMS) and agencies such as American Ambulance ensure that Fresno City’s Emergency Medical Technician (EMT) and Paramedic training are the largest established programs in the Central Valley, preparing students for high-demand first responder careers. These networks ensure that students receive industry-approved training aligned with current practice as well as required clinical and work experience placements. These relationships also assist students in securing local jobs post-certification, helping to build the regional pool of health professional for this high-demand industry.

- **Alternative Automotive Vehicle Training**

The West Fresno satellite will host focused training to serve the growing local electric, hybrid, and alternative fuels vehicle industry. Highly qualified faculty will train technicians for certification leading to work with both privately owned and fleet automobiles, including a variety of opportunities to participate in expanded research and development for these types of vehicles in the local area. On site automotive labs for both traditional and alternative vehicle training, include heavy-duty electric vehicle technician programs, are planned for the site.

Fresno City College’s exiting partnerships with General Motors, MoparCAP, and Fiat will ensure that West Fresno satellite students learn to perform a wide range of diagnostics, repairs, and preventative maintenance on both standard and alternative automotive vehicle types - including medium and heavy duty electric vehicles. In an effort to reduce greenhouse emissions, the new West Fresno Automotive Center will partner with the City of Fresno, the San Joaquin Valley Air Pollution Control District and others to house electric vehicle industry partners to

create a working network of partners utilizing alternative fuel vehicles. West Fresno students will receive extensive hands-on training for electric vehicles, Hybrid CNG, Zero-Emission Electric Delivery Trucks, and vehicles from the community coupled with rigorous classroom instruction. Areas of programming focus being considered for the facility include zero-emission fleet maintenance, hybrid vehicle technician, natural gas-electric bus maintenance, automotive technology, engine performance and repair, and powertrain technician training (General Motors ASEP program). These training areas lead to high demand, industry-recognized certifications in fields with job-demand.

- ***Industrial Manufacturing***

Regional and local developments in manufacturing and distribution centers provide an opportunity to focus on pre-apprenticeship and apprenticeship options at the West Fresno satellite facility. California Manufacturing is leading the nation in reducing the energy and carbon footprint by utilizing data to better understand the distribution of energy throughout the manufacturing supply chain. Available and developing curriculum will leverage existing college experience in industrial maintenance, maintenance mechanic, manufacturing mechanic, and warehouse technician/industrial services fields.

Programs will include a wide variety of hands-on training including welding, pneumatics, machining, hydraulics, electrical, programmable logic controllers, forklift operations, inventory control, conveyance, industrial automation, and shipping and receiving management. In addition to these certificate focus areas, students will receive job preparation and soft skills preparation to ensure their success on the job. Students will become well versed in greenhouse gas emissions analysis and learn strategies to mitigate greenhouse gas and improve energy use at major end-use applications to improve the economic outlook of a given industry as well as protect the environment. Short term, long term, and stackable certificate options are available creating a flexible learning environment.

Working with the Fresno County Economic Development Corporation (EDC) and local trades unions, it is the goal of the West Fresno satellite facility to offer both strong job training and employment/career connection services. Supported by the California High-Speed Rail Authority, this partnership is moving to replicate the successful Cypress Mandela Training Center (CMTC) model in Fresno through the creation of the Central Valley Mandela Training Center. The Center will provide training and assistance in mastering life skills to enable participants to find sustainable employment in trades needed for high speed rail jobs. Based on the nationally recognized Cypress Mandela Pre-Apprenticeship Program the Center will combine the expertise of both EDC and Fresno City College in a collaborative model, ensuring that vocational training at the Central Valley Mandela Training Center leads to a certificate and/or degree pathways at the West Fresno satellite campus. This collaboration will ensure that students have the option to continue their education even after attaining a career.

WEST FRESNO SATELLITE - COMMUNITY USE

In addition to providing direct training programs, the West Fresno satellite campus will serve as a Magnet Core for hosting coordinated community engagement and benefit efforts by government and neighborhood agencies. Fresno City College will seek active partnership with West Fresno EDC, EOC Street Saints and other civic community-based organizations that have

a successful history of serving the west Fresno community. Through these programs the campus will support community efforts to increase high school completion, college enrollment, and job placement to facilitate training-to-career educational outcomes. In addition to these programs, the facilities open spaces will be designed to motivate campus collaboration with the local community; encouraging social interaction, passive recreation, and physical activities. These space will account for greater than or equal to 30% of the total site area (including building footprints) with a minimum of 25% of that outdoor space to be vegetated with native plant elements or have overhead vegetated canopy, or zero-scape. Landscapes will be designed to increase site drought resiliency and provide a park-like atmosphere at the facility.

These spaces will be physically accessible to all community members and will accommodate outdoor social activities to help address public health outcomes. Facilities such as the community garden, fitness center/weight room, and community meeting rooms will be available to local residents when not in academic use.

CONCLUSION

Fresno City College and the State Center Community College District recognize the commitment and partnership expectations of residents in the project area. With your help, we will establish an educational hub to ensure the fulfillment of that commitment. The West Fresno satellite campus is designed to provide a direct, meaningful, and assured benefit to the local community. Intentional program design is focused on assisting our community to be socially just, culturally competent, and ecologically restorative. The construction and training/program strategies of this proposal are designed to reduce greenhouse gas emissions, promote public health, and provide environmental and economic benefits through both facilities development methods and programming. Increased education and training opportunities will lead to improved outcomes for residents; in addition to statistically leading healthier lives, a college education has been demonstrated to increase lifetime earnings.

“Over a 40-year career, those who didn’t earn a high school diploma or GED are expected to bring in less than \$1 million, which translates into slightly more than \$24,000 a year.” Comparatively, individuals who earn an associate’s degree are expected to earn \$1,727,000, roughly \$43,175 annually and those with a bachelor’s degree can expect to earn \$2,268,000 in their career or \$56,700 a year. (The College Payoff: Education, Occupations, Lifetime Earnings. Georgetown University, Center on Education and the Workforce – based on 2007-2009 US Census, American Community Survey).

“More education leads to higher earnings that can provide access to healthy food, safer homes, and better health care.” While increased access to medical care is one aspect of higher earnings, other physical and mental wellness choices are also influenced education. College educated community members live longer, suffer less illness, have fewer medical bills, and experience greater psychological ease. Even a few additional years of education can make these difference in health outcomes. (Education: It Matters More to Health than Ever Before. Virginia Commonwealth University, Center on Society and Health – based on 2007-2009 US Census, American Community Survey).

As stated throughout these documents and emphasized above, this project aligns with the following City of Fresno goals and Strategic Growth Council identified program objectives:

SGC Economic Opportunity and Shared Prosperity Objective

- *Goal 1 – provides access to workforce training*
- *Goal 2 – leads to high quality job outcomes*

SGC Public & Environmental Benefits Objective

- *Goal 1 - addresses local sources of air pollution*
- *Goal 2 – provides for public health outcomes*

8. Which local plan(s) does your project fall under? * Mark only one.

- Fulton Corridor Specific Plan
- Southwest Specific Plan
- Downtown Neighborhoods Community Plan
- High-Speed Rail Station Area Master Plan

9. What is your total project budget? *

\$92,965,415

10. What is your total TCC fund request? *

\$16,900,000

11. What is your source of match contribution? Please list all sources of match and the specific amount for each source. *

State Center Community College District 2017 General Obligation Bond (Measure C) - \$40 million

12. What additional investment or community change will happen as a result of your project being implemented? Please be as specific as possible. *

Additional investments are being sought to support the West Fresno satellite campus including partnerships with local community, education, and industry partners. We recognize the importance of this educational hub to support and sustain local environmental, health, and economic impacts over the long-term.

***Community** partnerships include the implementation of community garden space and associated nutrition and health training (similar to current FCC Child Development Center curriculum and programming); use of facilities and meeting space by local organizations that support community development; the hosting of health fairs; and providing volunteer opportunities to serve the community.*

***Educational** partnerships include provision for adult education programing in collaboration with local K-12 partners and government agencies to support academic and career pathways leading to higher-paying employment; and small business incubator training in partnership with CSU, Fresno.*

Industry connections include robust partnerships with across all described educational program types; these connections provide for apprenticeship opportunities, internships, and on-the-job training activities. As the Local Educational Agency (LEA) for multiple local apprenticeship committees, Fresno City College will seek to actively initiate these work based learning opportunities for West Fresno Students. Our goal is to help students succeed in their education, and find placement in high quality jobs by providing courses leading to industry recognized certifications in order to stimulates local and regional economic opportunity and shared prosperity.

Finally, the West Fresno satellite campus will collaborate with industry and the Fresno County EDC partnerships (such as the Central Valley Mandela Training Center) to implement a number of pre-apprenticeship programs. Trainees will receive both hands-on and classroom training, life skills training, and employment assistance. As the economy has begun to expand, so has the regional demand for training/apprenticeships programming. State Center Community College District is actively engaged in supporting the pre-apprenticeship and apprenticeship models, which have proven successful over and over again throughout the US and Europe. Efforts in this area will be focused on the West Fresno site.

13. Is your project scale-able? Meaning, could it potentially be phased, reduced, or increased in size, depending on the amount of funding available? * Mark only one.

- Yes
 No

14. When do you anticipate your project will begin? How long will your project take to implement?

Proposed site utility and grading design to start on January 1st 2018, with non-agency approval required construction targeted to start in April 2018; remaining site development and building design will start on this same date, with agency approval submittals targeted to begin in September 1st 2018 and remaining construction to begin mid-2019. Opening ceremony for West Fresno satellite facility to be held in early 2021.

15. What potential barriers do you anticipate to completing your project on time and on budget?

Potential barriers that we anticipate at this date are:

- Delay in receiving agency approval through the California Division of State Architects due to project backlog.*
- Delays due to availability of work force depending on marketing conditions.*
- Budget increases due to construction cost escalations as a factor of workforce and material demand and availability.*

16. Which eligible project strategy would best fit your project? * Mark only one.

- Equitable Housing and Neighborhood Development
 Transit Access and Mobility
 Decarbonized Energy and Energy Efficiency
 Water Efficiency

- Materials Management
- Urban Greening or Green Infrastructure
- Land Conservation and Restoration
- Health and Well Being
- Workforce Development and Education
- High Quality Job Creation and Local Economic Development
- None of the above

WORKFORCE DEVELOPMENT AND EDUCATION

66. Which non-TCC-eligible funded elements are included in your project? * Check all that apply.

- Pre-apprenticeship programs connected to registered apprenticeships
- Industry credential programs
- Workforce development partnerships
- Education and training programs
- Other: *State and federal funding resources for workforce development*

67. What type of leverage are you able to provide to fund this project component?

Please note that these programs are not specifically eligible for TCC funds. *

Available leverage includes \$40 million in local, district bond funding from the recently passed Measure C initiative supporting the State Center Community College District and its campuses. Additional and ongoing support for the West Fresno satellite will be provided by the California Community College Chancellor's Office (CCCCO) based on enrollment at the West Fresno satellite facility; based on current enrollment estimates, the site can expect between \$2,536,055 (at 500 Full Time Equivalent [FTE] student hours in early stages) and \$10,144,234 (at 2,000 FTE at full Phase 1 development) on an annual basis. Fresno City College is also seeking 'center status' for the location, which would provide the \$1,216,617 per year in sustainable funding for campus project/programs, as well as the potential for additional facilities funding. Finally, the West Fresno staff will work to leverage recent state and federal funding emphasis on workforce development partnerships to pursue a range of public resources focused in key programming areas.

In addition to cash leverage, Fresno City College brings more than 100 years of experience in developing and sustaining quality educational programs for local community members; providing the West Fresno satellite campus with direct connections to faculty and staff specializing in both career technical education and college preparatory coursework. It is our mission to ensure that a broad variety of scholastic goals for West Fresno residents will be supported by the planned site.

Recognizing the immediate gap in funding for the West Fresno satellite project, Fresno City College and the State Center Community College district are engaged in pursuing additional support in collaboration with the City of Fresno and several state government entities. Identification of potential funds has already begun with the support of the Strategic Growth Council; our expectation is that additional monies will be identified and secured by the time construction begins.