

Board Office Use: Legislative File Info.	
File ID Number	17-2497
Introduction Date	11/27/17
Enactment Number	17-1685
Enactment Date	11/27/17 OA



Memo

To Board of Education

From Kyla Johnson Trammel, Superintendent of Schools
 Joe Dominguez, Deputy Chief, Facilities
 Preston Thomas, High School Network Superintendent

Board Meeting Date November 27, 2017

Subject **APPROVAL OF RESOLUTION NO. 1718-0030 OF SUPPORT OF CAREER TECHNICAL EDUCATION FACILITIES PROGRAM (CTEFP) PROJECTS AND APPLICATIONS**

Action Requested Approval of Resolution NO. 1718-0030 OF SUPPORT OF CAREER TECHNICAL EDUCATION FACILITIES PROGRAM (CTEFP) PROJECTS AND APPLICATIONS

Summary This resolution authorizes the submission of the District’s applications for CTEFP grants that would support three projects supporting the District’s CTE programs. If awarded, Fremont High School’s Media Academy and Architecture Academy would receive \$1.5 million and Madison Park would receive \$3.0 million toward facility improvements and industry-approved equipment to benefit CTE students. Proposition 51 CTE Facilities Program requires a 1:1 match with unrestricted funds; the District anticipates that Measure J funds will be applied for its portion of the match to the grant. This CTE Facilities Program aligns with the current Linked Learning pathways that are being implemented at each school allowing the schools to purchase state of the art equipment aligned to the industry sector. This is in alignment with the District’s Strategic Plan to ensure that all students are in quality Linked Learning pathways by 2020.

Recommendation Approval by the Board of Education of NO. 1718-0030 OF SUPPORT OF CAREER TECHNICAL EDUCATION FACILITIES PROGRAM (CTEFP) PROJECTS AND APPLICATIONS

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OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Fiscal Impact

- \$1.5 million from CDE for the Fremont’s Building Construction Trades CTE program; \$2,164,940 match from Measure J
- \$1.5 million from CDE for the Fremont’s Arts Media & Entertainment Media Academy CTE program; \$1,674,883 match from Measure J
- \$2,220,578 from CDE for the Madison Park Academy’s Engineering Pathway CTE Program; \$2,220,578 match from Measure J

Attachments

- Resolution #1718-0030
- CTE Facilities Draft Forms A & B for Fremont High School’s Media Academy
- CTE Facilities Draft Forms A & B for Fremont High School’s Construction Pathway
- CTE Facilities Draft Forms A & B for Madison Park Academy’s Engineering Academy

**RESOLUTION
OF THE
BOARD OF EDUCATION**

**OF THE OAKLAND UNIFIED SCHOOL DISTRICT
ALAMEDA COUNTY, CALIFORNIA**

RESOLUTION #1718-0030

**SUPPORT OF CAREER TECHNICAL EDUCATIONAL FACILITIES PROGRAM (CTEFP) PROJECTS AND
APPLICATIONS**

WHEREAS, California Education Code Section 17078.82 authorizes the issuance and sale of state general obligation bonds to provide aid to local education agencies (LEAs) to reconfigure, construct, or modernize Career Technical Education (CTE) facilities, and/or purchase equipment for CTE programs and to joint powers (JPAs) to modernize CTE facilities and/or equipment and allows LEAs and JPAs to submit applications for grants pursuant to CTEFP for such purposes;

WHEREAS, the Oakland Unified School District ("District") intends to file applications under the Career Technical Education Facilities Program (CTEFP) (Article 13, Chapter 12.5, Part 10, Division 1, commencing with Section 17078.70, et. seq); and

WHEREAS, a condition of processing the various applications under the CTEFP will be a resolution in support of those projects and applications from the Oakland Unified School District Board of Education and signatures of the Oakland Unified School District Administration; and

WHEREAS, CTEFP funding may be utilized for the purpose of constructing new facilities or reconfiguring existing facilities, including, but not limited to, purchasing equipment with an average useful life expectancy of at least 10 years, to enhance educational opportunities for pupils in existing high schools in order to provide them with the skills and knowledge necessary for the high-demand technical careers of today and tomorrow; and

WHEREAS, CTEFP grants will be allocated on a per-square-foot basis for the applicable type of construction proposed in the approved application for the project. If approved, the District must contribute an amount equal to the state-awarded grant. This local contribution may be provided by private industry groups, the District, and may be paid over time per the State Allocation Board approved payment schedule;

Whereas, the District has identified the following Career Technical Education Facilities Program projects:

Fremont High School:

Industry Sector: Building & Construction

Pathway: Residential & Commercial Construction

Description: This is part of a major project at Fremont High School. The cost of the CTE space is 3,909 square feet and is estimated to be approximately \$900/s.f. due to mechanical requirements and sound proofing. This project would include purchase of equipment, such as routers, 3D printers, computers, dust extractors, and laser cutters

Fremont High School:

Industry Sector: Arts, Media & Entertainment

Pathway: Production & Managerial Arts

Description: This project is approximately 3416 square feet of CTE space for the Media Academy and would include extra lighting, sound-proofing, and mechanical work at an estimated \$900/s.f. This project includes purchase of equipment such as studio lighting panels, computers, and cameras.

Madison High School:

Industry Sector: Engineering & Architecture

Pathway: Engineering Design Pathway

Description: This project is approximately 3528 square feet of CTE space for the Engineering and Architecture program/ Engineering Design Pathway and, in addition to construction, would include purchase of equipment including, without limitation, tables, laser cutters, routers, monitors, and 3D printers.

WHEREAS, the District wishes to submit one or more applications, in substantial form as attached hereto as Exhibit A, under the Career Technical Education Facilities Program for the above mentioned projects:

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the Board of Education hereby approves the above projects for inclusion in its CTEFP application and authorizes the submission of such CTEFP applications, in substantial form as those attached as Exhibit A.

PASSED AND ADOPTED this 27th day of November, 2017, at a Special Meeting of the Board of the Oakland Unified School District Board.

AYES: Jody London, Aimee Eng, Jumoke Hinton Hodge, Roseann Torres, Vice President Nina Senn, President James Harris

NOES: None

ABSTAIN: None


ABSENT: Shanthi Gonzales

APPROVED:



James Harris
President of the Board of Education
Oakland Unified School District

Attest:



Kyla Johnson-Trammell
Secretary, Board of Education of the
Oakland Unified School District



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM A – COVER PAGE (Rev. 8/17)

For California Department of Education Use Only			
<small>Application Log Number</small>	<small>Reviewer Number</small>	<small>Received By</small>	<input type="checkbox"/> <small>Original Application and Three Copies</small>
			<input type="checkbox"/> <small>USB/Flash Drive</small>
Local Educational Agency Contact			

<small>Local Educational Agency (LEA)</small> Oakland Unified School District	<small>CDS Code</small> 0161259000000
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Printed Name and Title of Contact
Kyla Johnson-Trammell - Superintendent

Address
1000 Broadway St.680

<small>City</small> Oakland,CA	<small>Zip Code</small> 94607	<small>County</small> Alameda
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<small>Telephone Number</small> (510)879-8200	<small>Fax Number</small> (510)879-3687	<small>Email Address</small> Kyla.Johnson@ousd.org
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Project Information

Type of Project: New Construction (including equipment) Modernization/Reconfiguration (including equipment) Equipment Only

School Name
Fremont High School

Name of Career Technical Education Industry Sector
Building and ConstructionTrades

Number of students occupying teaching stations(s) or using equipment (per class period)

Presently about 220 students .Program will grow to 250 - 350. Each class will have a maximum 32, hopefully about 25 students per period and 6 - 8 courses per year

Proposed Schematic Drawing Attached? Yes No School Site Plan Drawing Attached? Yes No

<small>Career Technical Education Pathway</small> Residential and Commercial Construction Pathway	<small>Estimated Total Cost of Project (See Form B)</small> \$3,664,940
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<small>Number of Teaching Stations</small>	<small>Annual Number of Students Served</small>	<small>Square Footage of Project</small>	<small>Total Amount of State Funds Requested (See Form B)</small>
One classroom with space/stations to serve up to 32 students per period	The program should 250-350 students/ per year	3,909 Sq. Feet	Requesting \$1,500,000

Approval

Date Governing Board Approved CTE Application (Board must approve project no later than November 29, 2017):

11/27/2017

Date Advisory Committee (Part 1, Item B) and Feeder Groups and Partners (Part 3) approved the CTE Plan for this project:

11/06/2017

Certification


The local educational agency (LEA) certifies that the Advisory Committee pursuant to Education Code Section 8070 has met and approved the CTE Plan, and the other requirements contained in Education Code Section 17078.72, including sections (i) (1 thru 7) have been accomplished, and minutes and other supporting documentation are on file at the LEA's Office. Further, the LEA certifies that the project is on a comprehensive high school site that meets the requirements of Education Code sections 51224, 51225.3, and 51228.

Authorized LEA Representative to initial each Education Code Section.

 E.C. 8070

The governing board of each school district participating in a career technical education program shall appoint a career technical education advisory committee to develop recommendations on the program and to provide liaison between the district and potential employers.

The committee shall consist of one or more representatives of the general public knowledgeable about the disadvantaged, students, teachers, business, industry, school administration, and the field office of the Department of Employment Development.

 E.C. 17078.72

- (a) The Career Technical Education Facilities Program is hereby established to provide funding to qualifying local educational agencies for the purpose of constructing new facilities or reconfiguring existing facilities, including, but not limited to, purchasing equipment with an average useful life expectancy of at least 10 years, to enhance educational opportunities for pupils in existing high schools in order to provide them with the skills and knowledge necessary for the high-demand technical careers of today and tomorrow.
- (b) The State Department of Education, in cooperation with the Chancellor's Office of the California Community Colleges, the Labor and Workforce Development Agency, and industry groups, shall develop criteria and pupil outcome measures to evaluate the program. The criteria shall ensure equity, program relevance to industry needs, and articulation with more advanced coursework at the partnering community colleges or private institutions.
- (c) The program shall be based on grant applications administered by the board.
- (d) Grants shall be allocated on a per-square-foot basis for the applicable type of construction proposed or deemed necessary by the board consistent with the approved application for the project.
- (e) New construction grants shall not exceed three million dollars (\$3,000,000) per project per schoolsite, inclusive of equipment, and shall only be allocated to comprehensive high schools that have an active Career Technical Advisory Committee pursuant to Section 8070, in either of the following methods:
- (1) For a stand-alone project on a per-square-foot basis for the applicable type of construction proposed, based on the criteria established pursuant to subdivision (b), consistent with the approved application for the project.
- (2) For new school projects, as a supplement to the per pupil allocation pursuant to Section 17072.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.
- (f) Modernization grants shall not exceed one million five hundred thousand dollars (\$1,500,000) per project per schoolsite, inclusive of equipment and may be awarded to comprehensive high schools or joint power authorities currently operating career technical education programs that have an active Career Technical Advisory Committee pursuant to Section 8070 for the purpose of reconfiguration. For comprehensive high schools, the grant shall be supplemental to the per pupil allocation pursuant to Section 17074.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.
- (g) (1) A school district shall contribute from local resources a dollar amount that is equal to the amount of the grant of state funds awarded under subdivisions (d), (e), and (f). The required local contribution may be provided by private industry groups, the school district, or a joint powers authority.
- (2) A school district shall not be required to demonstrate that it has unhouseed pupils or that a permanent school building is more than 25 years old in order to receive a grant under the program.
- (h) The program shall allow the required local contribution to be paid over time if sufficient local funds are not immediately available. The board may provide for a repayment schedule consistent with subparagraphs (C) and (D) of paragraph (1) of subdivision (a) of Section 17078.57. The board shall not waive the required local contribution on the basis of financial hardship or on any other basis.
- (i) Applications shall meet the criteria developed under subdivision (b) and shall require all of the following:
- (1) A clear and comprehensive career technical education plan for each course of study applicable to the instructional space.
- (2) Projections of pupil enrollment.

(3) Identification of feeder schools, industry partners, and community colleges or other postsecondary schools participating in the development, articulation, and review of the educational program.

(4) Evidence of approval of the plan by the entities listed in paragraph (3).

(5) The method by which accountability for pupil enrollments and outcomes will be maintained. Outcomes shall include, but are not limited to, certificate completion, the successful entry of pupil to employment in the applicable industry, and successful transition to post-secondary institutions for work in the applicable industry or other areas of study.

(6) Evidence of coordination with all feeder schools, middle schools, and high schools within the area to ensure that the project and programs complement career technical education offerings in the area.

(7) Evidence that upon completion of the project the local educational agency will meet all of its obligations under Section 51228 relating to career technical education.

(j) Applications shall give weight to the number of pupils expected to attend, the cost per pupil, financial participation by industry partners in the construction and equipping of the facility, commitment to accountability for outcomes and participation, the strength and relevance of the educational plans to the needs of industry for qualified technical employees applicable to the economic development needs of the region in which the project will be located, and coordination and articulation with feeder schools, other high schools, and community colleges.

(k) The Office of Public School Construction shall develop and the board shall approve regulations to implement this article on or before April 19, 2007, and the board may promulgate those regulations first on an emergency basis, which shall be effective for no more than 12 months, after which any permanent regulations shall be promulgated in accordance with the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code).

(l) Notwithstanding paragraphs (e) and (f), a project approved pursuant to this section is also eligible for an incentive grant from the funds specified in paragraph (8) of subdivision (a) of Section 101012 if the project meets the criteria prescribed in that section.

KJT E.C. 51224

The governing board of any school district maintaining a high school shall prescribe courses of study designed to provide the skills and knowledge required for adult life for pupils attending the schools within its school district. The governing board shall prescribe separate courses of study, including, but not limited to, a course of study designed to prepare prospective pupils for admission to state colleges and universities and a course of study for career technical training.

KJT E.C. 51225.3

(a) A pupil shall complete all of the following while in grades 9 to 12, inclusive, in order to receive a diploma of graduation from high school:

(1) At least the following numbers of courses in the subjects specified, each course having a duration of one year, unless otherwise specified:

(A) Three courses in English.

(B) Two courses in mathematics. If the governing board of a school district requires more than two courses in mathematics for graduation, the governing board of the school district may award a pupil up to one mathematics course credit pursuant to Section 51225.35.

(C) Two courses in science, including biological and physical sciences.

(D) Three courses in social studies, including United States history and geography; world history, culture, and geography; a one-semester course in American government and civics; and a one-semester course in economics.

(E) One course in visual or performing arts or foreign language. For purposes of satisfying the requirement specified in this subparagraph, a course in American Sign Language shall be deemed a course in foreign language.

(F) Two courses in physical education, unless the pupil has been exempted pursuant to the provisions of this code.

(2) Other coursework requirements adopted by the governing board of the school district.

(b) The governing board, with the active involvement of parents, administrators, teachers, and pupils, shall adopt alternative means for pupils to complete the prescribed course of study that may include practical demonstration of skills and competencies, supervised work experience or other outside school experience, career technical education classes offered in high schools, courses offered by regional occupational centers or programs, interdisciplinary study, independent study, and credit earned at a postsecondary educational institution. Requirements for graduation and specified alternative modes for completing the prescribed course of study shall be made available to pupils, parents, and the public.

(c) If a pupil completed a career technical education course that met the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of Section 51225.3, as amended by the act adding this section, before the inoperative date of that section, that course shall be deemed to fulfill the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of this section.

(d) This section shall become operative upon the date that Section 51225.3, as amended by the act adding this section, becomes inoperative.

KJT E.C. 51228

(a) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study fulfilling the requirements and prerequisites for admission to the California public institutions of postsecondary education and shall provide a timely opportunity to each of those pupils to enroll within a four-year period in each course necessary to fulfill those requirements and prerequisites prior to graduation from high school.

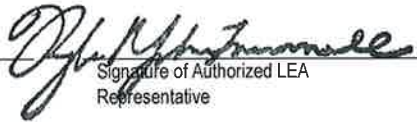
(b) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study that provides an opportunity for those pupils to attain entry-level employment skills in business or industry upon graduation from high school. Districts are encouraged to provide all pupils with a rigorous academic curriculum that integrates academic and career skills, incorporates applied learning in all disciplines, and prepares all pupils for high school graduation and career entry.

(c) A school district that adopts a required curriculum that meets or exceeds the model standards developed and adopted by the state board pursuant to Section 51226 shall be deemed to have fulfilled its responsibilities pursuant to subdivision (b).

(d) A school district that adopts a required curriculum pursuant to subdivision (c) that meets or exceeds the model standards developed by the state board pursuant to Section 51226, or that adopts alternative means for pupils to complete the prescribed course of study pursuant to subdivision (b) of Section 51225.3, may substitute pupil demonstration of competence in the prescribed subjects through a practical demonstration of these skills in a regional occupational center or program, work experience, interdisciplinary study, independent study, credit earned at a postsecondary institution, or other outside school experience, as prescribed by Section 51225.3.

Kyla Johnson-Tramell

Print Name of Authorized LEA Representative



Signature of Authorized LEA Representative



Initials of Authorized LEA Representative

Superintendent

Title

510.879.8200

Phone Number

11/28/17

Date



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM B – BUDGET JUSTIFICATION/DETAIL SHEET (Rev. 8/17)

Use additional sheets as necessary.

Local Education Agency Oakland Unified School District	Name of Sector and Pathway Bldg/Con Trade - Res/Com. Con
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Provide sufficient detail to justify the budget. The budget justification page(s) must provide all required information even if the items have already been identified and discussed in another section. For each project or equipment description, list the associated costs. The scope and budget in this application must be consistent with the funding application submitted to Office of Public School Construction. Equipment without a 10 year life span and supplies are not eligible to participate in the California Technical Education Facilities Program.

Facilities Description and Cost					
This is part of a mJOR project at Fremont High Sschool. The cost of the CTE space was ca lculated outside of the cost of the rest of the school. The total square footage for the spa ce is 3,909 sf.. Given the mechanical requierement & sound proofing. The calculation buili d out cost is an approximate \$900/sf. giving an approximate cost of \$3,518,100					
Equipment Description	Make	Model	Quantity	Price	Subtotal Each Item
4X8 CNC Router	Forest. Sc	48x96	1	26,500	26,500
3D Printer	Mojo	3D	1	5,900	5,900
Computers	IMac	5k Dis. 3.5G Hz	40	2199	87,900
Dust Extractors	Festool	CT 26 E HE PA	15	700	10500
Laser Cutter	VLS	VLS-460	1	16,040	16,040
Estimated Total Cost of Project:					3,664,940

	Project Cost Breakdown
<p><u>State Funding Guidelines:</u> Under <i>Education Code</i> Section 17078.72, the state grant maximum is \$3 million for new construction and \$1.5 million for modernization career technical education projects.</p> <p><u>Loan From the State:</u> Under <i>State Allocation Board Regulations</i> Section 15859.194, LEAs may request a loan up to \$3 million for new construction and \$1.5 million for modernization CTE projects from the Office of Public School Construction.</p> <p>Will the LEA request a loan from the state? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide the amount in section c.</p>	a. LEA Cash Match: \$ 2,164,940
	b. State Funding: \$ 1,500,000
	c. Loan from State: \$
	d. Total Amount of State Funds Requested \$ 1,500,000 Total (b + c) Estimated Total Cost of Project Total (a + d) \$ 3,664,940



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM A – COVER PAGE (Rev. 8/17)

For California Department of Education Use Only			
Application Log Number	Reviewer Number	Received By	<input type="checkbox"/> Original Application and Three Copies
			<input type="checkbox"/> USB/Flash Drive
Local Educational Agency Contact			

Local Educational Agency (LEA) Oakland Unified School District	CDS Code 0161259000000
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Printed Name and Title of Contact
Kyla Johnson-Trammell - Superintendent

Address
1000 Broadway St.680

City Oakland, CA	Zip Code 94607	County Alameda
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Telephone Number (510)879-8200	Fax Number (510)879-3687	Email Address Kyla.Johnson@ousd.org
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Project Information

Type of Project: New Construction (including equipment) Modernization/Reconfiguration (including equipment) Equipment Only

School Name
Fremont High School

Name of Career Technical Education Industry Sector
Arts, Media and Entertainment

Number of students occupying teaching stations(s) or using equipment (per class period)
Program to go to about 300. 25-30 students per class 6-8 periods per year, 3 course sequence. Presently about 200.

Proposed Schematic Drawing Attached? Yes No School Site Plan Drawing Attached? Yes No

Career Technical Education Pathway Production and Managerial Arts		Estimated Total Cost of Project (See Form B) \$3,174,883	
Number of Teaching Stations	Annual Number of Students Served	Square Footage of Project	Total Amount of State Funds Requested (See Form B)
One classroom with various work stations, audio recording, video recording, editing and full class instruction	Presently about 200, projected growth to about 300.	3416 Sq. Feet	\$1,500,000

Approval

Date Governing Board Approved CTE Application (Board must approve project no later than November 29, 2017):

11/27/2017

Date Advisory Committee (Part 1, Item B) and Feeder Groups and Partners (Part 3) approved the CTE Plan for this project:

11/06/2017

Certification

The local educational agency (LEA) certifies that the Advisory Committee pursuant to Education Code Section 8070 has met and approved the CTE Plan, and the other requirements contained in Education Code Section 17078.72, including sections (i) (1 thru 7) have been accomplished, and minutes and other supporting documentation are on file at the LEA's Office. Further, the LEA certifies that the project is on a comprehensive high school site that meets the requirements of Education Code sections 51224, 51225.3, and 51228.

Authorized LEA Representative to initial each Education Code Section.

KJT E.C. 8070

The governing board of each school district participating in a career technical education program shall appoint a career technical education advisory committee to develop recommendations on the program and to provide liaison between the district and potential employers.

The committee shall consist of one or more representatives of the general public knowledgeable about the disadvantaged, students, teachers, business, industry, school administration, and the field office of the Department of Employment Development.

KJT E.C. 17078.72

(a) The Career Technical Education Facilities Program is hereby established to provide funding to qualifying local educational agencies for the purpose of constructing new facilities or reconfiguring existing facilities, including, but not limited to, purchasing equipment with an average useful life expectancy of at least 10 years, to enhance educational opportunities for pupils in existing high schools in order to provide them with the skills and knowledge necessary for the high-demand technical careers of today and tomorrow.

(b) The State Department of Education, in cooperation with the Chancellor's Office of the California Community Colleges, the Labor and Workforce Development Agency, and industry groups, shall develop criteria and pupil outcome measures to evaluate the program. The criteria shall ensure equity, program relevance to industry needs, and articulation with more advanced coursework at the partnering community colleges or private institutions.

(c) The program shall be based on grant applications administered by the board.

(d) Grants shall be allocated on a per-square-foot basis for the applicable type of construction proposed or deemed necessary by the board consistent with the approved application for the project.

(e) New construction grants shall not exceed three million dollars (\$3,000,000) per project per schoolsite, inclusive of equipment, and shall only be allocated to comprehensive high schools that have an active Career Technical Advisory Committee pursuant to Section 8070, in either of the following methods:

(1) For a stand-alone project on a per-square-foot basis for the applicable type of construction proposed, based on the criteria established pursuant to subdivision (b), consistent with the approved application for the project.

(2) For new school projects, as a supplement to the per pupil allocation pursuant to Section 17072.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.

(f) Modernization grants shall not exceed one million five hundred thousand dollars (\$1,500,000) per project per schoolsite, inclusive of equipment and may be awarded to comprehensive high schools or joint power authorities currently operating career technical education programs that have an active Career Technical Advisory Committee pursuant to Section 8070 for the purpose of reconfiguration. For comprehensive high schools, the grant shall be supplemental to the per pupil allocation pursuant to Section 17074.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.

(g) (1) A school district shall contribute from local resources a dollar amount that is equal to the amount of the grant of state funds awarded under subdivisions (d), (e), and (f). The required local contribution may be provided by private industry groups, the school district, or a joint powers authority.

(2) A school district shall not be required to demonstrate that it has unhouseed pupils or that a permanent school building is more than 25 years old in order to receive a grant under the program.

(h) The program shall allow the required local contribution to be paid over time if sufficient local funds are not immediately available. The board may provide for a repayment schedule consistent with subparagraphs (C) and (D) of paragraph (1) of subdivision (a) of Section 17078.57. The board shall not waive the required local contribution on the basis of financial hardship or on any other basis.

(i) Applications shall meet the criteria developed under subdivision (b) and shall require all of the following:

(1) A clear and comprehensive career technical education plan for each course of study applicable to the instructional space.

(2) Projections of pupil enrollment.

- (3) Identification of feeder schools, industry partners, and community colleges or other postsecondary schools participating in the development, articulation, and review of the educational program.
- (4) Evidence of approval of the plan by the entities listed in paragraph (3).
- (5) The method by which accountability for pupil enrollments and outcomes will be maintained. Outcomes shall include, but are not limited to, certificate completion, the successful entry of pupil to employment in the applicable industry, and successful transition to post-secondary institutions for work in the applicable industry or other areas of study.
- (6) Evidence of coordination with all feeder schools, middle schools, and high schools within the area to ensure that the project and programs complement career technical education offerings in the area.
- (7) Evidence that upon completion of the project the local educational agency will meet all of its obligations under Section 51228 relating to career technical education.
- (j) Applications shall give weight to the number of pupils expected to attend, the cost per pupil, financial participation by industry partners in the construction and equipping of the facility, commitment to accountability for outcomes and participation, the strength and relevance of the educational plans to the needs of industry for qualified technical employees applicable to the economic development needs of the region in which the project will be located, and coordination and articulation with feeder schools, other high schools, and community colleges.
- (k) The Office of Public School Construction shall develop and the board shall approve regulations to implement this article on or before April 19, 2007, and the board may promulgate those regulations first on an emergency basis, which shall be effective for no more than 12 months, after which any permanent regulations shall be promulgated in accordance with the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code).
- (l) Notwithstanding paragraphs (e) and (f), a project approved pursuant to this section is also eligible for an incentive grant from the funds specified in paragraph (8) of subdivision (a) of Section 101012 if the project meets the criteria prescribed in that section.

KJT E.C. 51224

The governing board of any school district maintaining a high school shall prescribe courses of study designed to provide the skills and knowledge required for adult life for pupils attending the schools within its school district. The governing board shall prescribe separate courses of study, including, but not limited to, a course of study designed to prepare prospective pupils for admission to state colleges and universities and a course of study for career technical training.

KJT E.C. 51225.3

- (a) A pupil shall complete all of the following while in grades 9 to 12, inclusive, in order to receive a diploma of graduation from high school:
- (1) At least the following numbers of courses in the subjects specified, each course having a duration of one year, unless otherwise specified:
- (A) Three courses in English.
- (B) Two courses in mathematics. If the governing board of a school district requires more than two courses in mathematics for graduation, the governing board of the school district may award a pupil up to one mathematics course credit pursuant to Section 51225.35.
- (C) Two courses in science, including biological and physical sciences.
- (D) Three courses in social studies, including United States history and geography; world history, culture, and geography; a one-semester course in American government and civics; and a one-semester course in economics.
- (E) One course in visual or performing arts or foreign language. For purposes of satisfying the requirement specified in this subparagraph, a course in American Sign Language shall be deemed a course in foreign language.
- (F) Two courses in physical education, unless the pupil has been exempted pursuant to the provisions of this code.
- (2) Other coursework requirements adopted by the governing board of the school district.
- (b) The governing board, with the active involvement of parents, administrators, teachers, and pupils, shall adopt alternative means for pupils to complete the prescribed course of study that may include practical demonstration of skills and competencies, supervised work experience or other outside school experience, career technical education classes offered in high schools, courses offered by regional occupational centers or programs, interdisciplinary study, independent study, and credit earned at a postsecondary educational institution. Requirements for graduation and specified alternative modes for completing the prescribed course of study shall be made available to pupils, parents, and the public.
- (c) If a pupil completed a career technical education course that met the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of Section 51225.3, as amended by the act adding this section, before the inoperative date of that section, that course shall be deemed to fulfill the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of this section.
- (d) This section shall become operative upon the date that Section 51225.3, as amended by the act adding this section, becomes inoperative.

KJT E.C. 51228

(a) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study fulfilling the requirements and prerequisites for admission to the California public institutions of postsecondary education and shall provide a timely opportunity to each of those pupils to enroll within a four-year period in each course necessary to fulfill those requirements and prerequisites prior to graduation from high school.

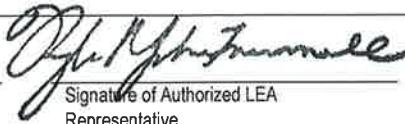
(b) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study that provides an opportunity for those pupils to attain entry-level employment skills in business or industry upon graduation from high school. Districts are encouraged to provide all pupils with a rigorous academic curriculum that integrates academic and career skills, incorporates applied learning in all disciplines, and prepares all pupils for high school graduation and career entry.

(c) A school district that adopts a required curriculum that meets or exceeds the model standards developed and adopted by the state board pursuant to Section 51226 shall be deemed to have fulfilled its responsibilities pursuant to subdivision (b).

(d) A school district that adopts a required curriculum pursuant to subdivision (c) that meets or exceeds the model standards developed by the state board pursuant to Section 51226, or that adopts alternative means for pupils to complete the prescribed course of study pursuant to subdivision (b) of Section 51225.3, may substitute pupil demonstration of competence in the prescribed subjects through a practical demonstration of these skills in a regional occupational center or program, work experience, interdisciplinary study, independent study, credit earned at a postsecondary institution, or other outside school experience, as prescribed by Section 51225.3.

Kyla Johnson-Tramell

Print Name of Authorized LEA Representative



Signature of Authorized LEA Representative



Initials of Authorized LEA Representative

Superintendent

Title

510.879.8200

Phone Number

11/28/17

Date



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM B – BUDGET JUSTIFICATION/DETAIL SHEET (Rev. 8/17)

Use additional sheets as necessary.

Local Education Agency Oakland Unified School District	Name of Sector and Pathway AME - Prod. & Managerial Arts
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Provide sufficient detail to justify the budget. The budget justification page(s) must provide all required information even if the items have already been identified and discussed in another section. For each project or equipment description, list the associated costs. The scope and budget in this application must be consistent with the funding application submitted to Office of Public School Construction. Equipment without a 10 year life span and supplies are not eligible to participate in the California Technical Education Facilities Program.

Facilities Description and Cost					
This is part of a major project at Fremont High, given the requirement for the space with mechanical, extra lighting and sound proofing the calculated average cost for this CTE space is approximately \$900/sf. The space is 3416 sf giving an estimated cost of \$3,074,400					
Equipment Description	Make	Model	Quantity	Price	Subtotal Each Item
Studio Lighting Panels	Astra	6X-Bi-Color	4	1092	4,348
Computers	IMac	5k Dis. 3.5G Hz	40	2199	87,900
Cameras	Cannon	EOS Rebel	15	549	8,235
Estimated Total Cost of Project:					\$3,174,883

<p><u>State Funding Guidelines:</u> Under <i>Education Code</i> Section 17078.72, the state grant maximum is \$3 million for new construction and \$1.5 million for modernization career technical education projects.</p> <p><u>Loan From the State:</u> Under <i>State Allocation Board Regulations</i> Section 15859.194, LEAs may request a loan up to \$3 million for new construction and \$1.5 million for modernization CTE projects from the Office of Public School Construction.</p> <p>Will the LEA request a loan from the state? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide the amount in section c.</p>	Project Cost Breakdown	
	<p>a. LEA Cash Match: \$ <u>1,674,883</u></p> <p>b. State Funding: \$ <u>1,500,000</u></p> <p>c. Loan from State: \$ _____</p> <p>d. Total Amount of State Funds Requested \$ <u>1,500,00</u> Total (b + c)</p> <p>Estimated Total Cost of Project Total (a + d) \$ <u>3,174,883</u></p>	



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM A – COVER PAGE (Rev. 8/17)

For California Department of Education Use Only			
Application Log Number	Reviewer Number	Received By	<input type="checkbox"/> Original Application and Three Copies
			<input type="checkbox"/> USB/Flash Drive
Local Educational Agency Contact			

Local Educational Agency (LEA) Oakland Unified School District	CDS Code 0161259000000
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Printed Name and Title of Contact
Kyla Johnson-Trammell-Superintendent

Address
1000 Broadway St. 680

City Oakland, CA	Zip Code 94607	County Alameda
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Telephone Number (510)879-8200	Fax Number (510)879-3687	Email Address Kyla.Johnson@ousd.org
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Project Information

Type of Project: New Construction (including equipment) Modernization/Reconfiguration (including equipment) Equipment Only

School Name
Madison Park Academy

Name of Career Technical Education Industry Sector
Engineering and Architecture

Number of students occupying teaching stations(s) or using equipment (per class period)
25-30 students period, 6 period per year (150 10 - 12th gr). All 9th graders (about 100) take a semester course

Proposed Schematic Drawing Attached? Yes No School Site Plan Drawing Attached? Yes No

Career Technical Education Pathway Engineering Design Pathway		Estimated Total Cost of Project <i>(See Form B)</i> \$ 4,441,156	
Number of Teaching Stations	Annual Number of Students Served	Square Footage of Project	Total Amount of State Funds Requested <i>(See Form B)</i>
One classroom with multiple stations for the 30 students to do activities.	250, 150 year long and 100 semeter exploratory course	1,500 Sq. Ft	\$2,220,578

Approval

Date Governing Board Approved CTE Application (Board must approve project no later than November 29, 2017):

11/27/2017

Date Advisory Committee (Part 1, Item B) and Feeder Groups and Partners (Part 3) approved the CTE Plan for this project:

11/17/2017

Certification

The local educational agency (LEA) certifies that the Advisory Committee pursuant to Education Code Section 8070 has met and approved the CTE Plan, and the other requirements contained in Education Code Section 17078.72, including sections (i) (1 thru 7) have been accomplished, and minutes and other supporting documentation are on file at the LEA's Office. Further, the LEA certifies that the project is on a comprehensive high school site that meets the requirements of Education Code sections 51224, 51225.3, and 51228.

Authorized LEA Representative to initial each Education Code Section.

WT E.C. 8070

The governing board of each school district participating in a career technical education program shall appoint a career technical education advisory committee to develop recommendations on the program and to provide liaison between the district and potential employers.

The committee shall consist of one or more representatives of the general public knowledgeable about the disadvantaged, students, teachers, business, industry, school administration, and the field office of the Department of Employment Development.

WT E.C. 17078.72

(a) The Career Technical Education Facilities Program is hereby established to provide funding to qualifying local educational agencies for the purpose of constructing new facilities or reconfiguring existing facilities, including, but not limited to, purchasing equipment with an average useful life expectancy of at least 10 years, to enhance educational opportunities for pupils in existing high schools in order to provide them with the skills and knowledge necessary for the high-demand technical careers of today and tomorrow.

(b) The State Department of Education, in cooperation with the Chancellor's Office of the California Community Colleges, the Labor and Workforce Development Agency, and industry groups, shall develop criteria and pupil outcome measures to evaluate the program. The criteria shall ensure equity, program relevance to industry needs, and articulation with more advanced coursework at the partnering community colleges or private institutions.

(c) The program shall be based on grant applications administered by the board.

(d) Grants shall be allocated on a per-square-foot basis for the applicable type of construction proposed or deemed necessary by the board consistent with the approved application for the project.

(e) New construction grants shall not exceed three million dollars (\$3,000,000) per project per schoolsite, inclusive of equipment, and shall only be allocated to comprehensive high schools that have an active Career Technical Advisory Committee pursuant to Section 8070, in either of the following methods:

(1) For a stand-alone project on a per-square-foot basis for the applicable type of construction proposed, based on the criteria established pursuant to subdivision (b), consistent with the approved application for the project.

(2) For new school projects, as a supplement to the per pupil allocation pursuant to Section 17072.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.

(f) Modernization grants shall not exceed one million five hundred thousand dollars (\$1,500,000) per project per schoolsite, inclusive of equipment and may be awarded to comprehensive high schools or joint power authorities currently operating career technical education programs that have an active Career Technical Advisory Committee pursuant to Section 8070 for the purpose of reconfiguration. For comprehensive high schools, the grant shall be supplemental to the per pupil allocation pursuant to Section 17074.10. The supplement is intended to cover excess costs uniquely related to the facilities required to provide the career technical education program or programs.

(g) (1) A school district shall contribute from local resources a dollar amount that is equal to the amount of the grant of state funds awarded under subdivisions (d), (e), and (f). The required local contribution may be provided by private industry groups, the school district, or a joint powers authority.

(2) A school district shall not be required to demonstrate that it has unhouseed pupils or that a permanent school building is more than 25 years old in order to receive a grant under the program.

(h) The program shall allow the required local contribution to be paid over time if sufficient local funds are not immediately available. The board may provide for a repayment schedule consistent with subparagraphs (C) and (D) of paragraph (1) of subdivision (a) of Section 17078.57. The board shall not waive the required local contribution on the basis of financial hardship or on any other basis.

(i) Applications shall meet the criteria developed under subdivision (b) and shall require all of the following:

(1) A clear and comprehensive career technical education plan for each course of study applicable to the instructional space.

(2) Projections of pupil enrollment.

(3) Identification of feeder schools, industry partners, and community colleges or other postsecondary schools participating in the development, articulation, and review of the educational program.

(4) Evidence of approval of the plan by the entities listed in paragraph (3).

(5) The method by which accountability for pupil enrollments and outcomes will be maintained. Outcomes shall include, but are not limited to, certificate completion, the successful entry of pupil to employment in the applicable industry, and successful transition to post-secondary institutions for work in the applicable industry or other areas of study.

(6) Evidence of coordination with all feeder schools, middle schools, and high schools within the area to ensure that the project and programs complement career technical education offerings in the area.

(7) Evidence that upon completion of the project the local educational agency will meet all of its obligations under Section 51228 relating to career technical education.

(j) Applications shall give weight to the number of pupils expected to attend, the cost per pupil, financial participation by industry partners in the construction and equipping of the facility, commitment to accountability for outcomes and participation, the strength and relevance of the educational plans to the needs of industry for qualified technical employees applicable to the economic development needs of the region in which the project will be located, and coordination and articulation with feeder schools, other high schools, and community colleges.

(k) The Office of Public School Construction shall develop and the board shall approve regulations to implement this article on or before April 19, 2007, and the board may promulgate those regulations first on an emergency basis, which shall be effective for no more than 12 months, after which any permanent regulations shall be promulgated in accordance with the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code).

(l) Notwithstanding paragraphs (e) and (f), a project approved pursuant to this section is also eligible for an incentive grant from the funds specified in paragraph (8) of subdivision (a) of Section 101012 if the project meets the criteria prescribed in that section.

41 E.C. 51224

The governing board of any school district maintaining a high school shall prescribe courses of study designed to provide the skills and knowledge required for adult life for pupils attending the schools within its school district. The governing board shall prescribe separate courses of study, including, but not limited to, a course of study designed to prepare prospective pupils for admission to state colleges and universities and a course of study for career technical training.

41 E.C. 51225.3

(a) A pupil shall complete all of the following while in grades 9 to 12, inclusive, in order to receive a diploma of graduation from high school:

(1) At least the following numbers of courses in the subjects specified, each course having a duration of one year, unless otherwise specified:

(A) Three courses in English.

(B) Two courses in mathematics. If the governing board of a school district requires more than two courses in mathematics for graduation, the governing board of the school district may award a pupil up to one mathematics course credit pursuant to Section 51225.35.

(C) Two courses in science, including biological and physical sciences.

(D) Three courses in social studies, including United States history and geography; world history, culture, and geography; a one-semester course in American government and civics; and a one-semester course in economics.

(E) One course in visual or performing arts or foreign language. For purposes of satisfying the requirement specified in this subparagraph, a course in American Sign Language shall be deemed a course in foreign language.

(F) Two courses in physical education, unless the pupil has been exempted pursuant to the provisions of this code.

(2) Other coursework requirements adopted by the governing board of the school district.

(b) The governing board, with the active involvement of parents, administrators, teachers, and pupils, shall adopt alternative means for pupils to complete the prescribed course of study that may include practical demonstration of skills and competencies, supervised work experience or other outside school experience, career technical education classes offered in high schools, courses offered by regional occupational centers or programs, interdisciplinary study, independent study, and credit earned at a postsecondary educational institution. Requirements for graduation and specified alternative modes for completing the prescribed course of study shall be made available to pupils, parents, and the public.

(c) If a pupil completed a career technical education course that met the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of Section 51225.3, as amended by the act adding this section, before the inoperative date of that section, that course shall be deemed to fulfill the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of this section.

(d) This section shall become operative upon the date that Section 51225.3, as amended by the act adding this section, becomes inoperative.

41 E.C. 51228

(a) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study fulfilling the requirements and prerequisites for admission to the California public institutions of postsecondary education and shall provide a timely opportunity to each of those pupils to enroll within a four-year period in each course necessary to fulfill those requirements and prerequisites prior to graduation from high school.

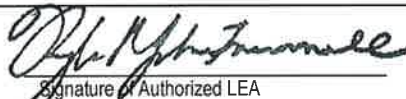
(b) Each school district maintaining any of grades 7 to 12, inclusive, shall offer to all otherwise qualified pupils in those grades a course of study that provides an opportunity for those pupils to attain entry-level employment skills in business or industry upon graduation from high school. Districts are encouraged to provide all pupils with a rigorous academic curriculum that integrates academic and career skills, incorporates applied learning in all disciplines, and prepares all pupils for high school graduation and career entry.


(c) A school district that adopts a required curriculum that meets or exceeds the model standards developed and adopted by the state board pursuant to Section 51226 shall be deemed to have fulfilled its responsibilities pursuant to subdivision (b).

(d) A school district that adopts a required curriculum pursuant to subdivision (c) that meets or exceeds the model standards developed by the state board pursuant to Section 51226, or that adopts alternative means for pupils to complete the prescribed course of study pursuant to subdivision (b) of Section 51225.3, may substitute pupil demonstration of competence in the prescribed subjects through a practical demonstration of these skills in a regional occupational center or program, work experience, interdisciplinary study, independent study, credit earned at a postsecondary institution, or other outside school experience, as prescribed by Section 51225.3.

Kyla Johnson-Tramell

Print Name of Authorized LEA Representative


Signature of Authorized LEA Representative

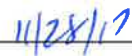

Initials of Authorized LEA Representative

Superintendent

Title

510.879.8200

Phone Number


Date



CAREER TECHNICAL EDUCATION FACILITIES PROGRAM APPLICATION

FORM B – BUDGET JUSTIFICATION/DETAIL SHEET (Rev. 8/17)

Use additional sheets as necessary.

Local Education Agency Oakland Unified School District	Name of Sector and Pathway Engr/Arch - Engr. Design
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Provide sufficient detail to justify the budget. The budget justification page(s) must provide all required information even if the items have already been identified and discussed in another section. For each project or equipment description, list the associated costs. The scope and budget in this application must be consistent with the funding application submitted to Office of Public School Construction. Equipment without a 10 year life span and supplies are not eligible to participate in the California Technical Education Facilities Program.

Facilities Description and Cost					
This is a new construction to the Madison Park Academy Site and CTE portion is just part of the construction. The Engineering CTE Space is 1,500 sq ft ad the cost break down for the space is \$4,357,600					
Equipment Description	Make	Model	Quantity	Price	Subtotal Each Item
Tables	UXL	72" Trapezoid Tbl	18	650	11,700
Laser Cutter	Epilog	30 Watt	3	10,774	32,232
CNC Router	ShopBot	ShopBuddy	2	9500	19,000
Monitor	Samsung	DM75E - Slim Direct	1	5,624	5624
3D Printer	Luzbot	TAZ 6	6	2,500	15,000
Estimated Total Cost of Project:					\$4,441,156

<p><u>State Funding Guidelines:</u> Under <i>Education Code</i> Section 17078.72, the state grant maximum is \$3 million for new construction and \$1.5 million for modernization career technical education projects.</p> <p><u>Loan From the State:</u> Under <i>State Allocation Board Regulations</i> Section 15859.194, LEAs may request a loan up to \$3 million for new construction and \$1.5 million for modernization CTE projects from the Office of Public School Construction.</p> <p>Will the LEA request a loan from the state? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please provide the amount in section c.</p>	Project Cost Breakdown
	<p>a. LEA Cash Match: <u>\$ 2,220,578</u></p> <p>b. State Funding: <u>\$ 2,220,578</u></p> <p>c. Loan from State: <u>\$</u></p> <p>d. Total Amount of State Funds Requested <u>\$ 2,220,578</u> Total (b + c) Estimated Total Cost of Project Total (a + d) <u>\$ 4,441,156</u></p>