

Measure GC Designated and Potential Capital Outlay Projects

Estimated Costs

2017-2028

(October 16, 2018 Draft)

Athletics and Kinesiology Expansion and Seismic Retrofitting

This project will tear down the 1937 athletics facility and replace it with a new facility. On the upper floor the new building will include a new practice Basketball Court, general and faculty office space, and men’s and women’s faculty locker rooms. The lower level will consist of new training and weight rooms, men’s and women’s locker rooms, team locker room, general team room and multi-purpose instructional room. Seismic retrofitting will occur in the portion of the building that remains.

Budget \$44,000,000

Architectural fees	\$2,805,000
Construction Costs	\$33,850,000
Management cost including CM, Inspection, Testing, etc	\$3,645,000
Project Contingency including Construction Contingency	\$2,700,000
Furniture and Equipment	\$1,000,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Athletics and Kinesiology Expansion and Seismic Retrofitting	\$44,000,000.00	\$34,000,000.00	\$9,500,000.00	\$500,000.00			

Infrastructure

This is a series of projects designed to upgrade deteriorating infrastructure systems and spaces on the Verdugo and Garfield campuses. Examples of projects would be electrical system upgrades, irrigation upgrades, street repair projects, classroom upgrades, roofing projects, as well as landscape enhancements and up-grades. A more detailed listing follows.

Budget \$6,600,000

Architectural Fees	\$429,600
Construction Costs	\$5,294,500
Project Management including CM, Inspection, Testing, etc	\$424,000
Project Contingency	\$376,900
Furniture and Equipment	\$75,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Infrastructure	\$6,600,000.00	\$6,600,000.00					

INFRASTRUCTURE PROJECTS

UpGrade 4160 electrical system		\$300,000
Architectural Fees	\$19,500	
Construction Cost	\$244,000	
Project management cost including CM, Inspection, Testing, etc	\$19,400	
Project Contingency	\$17,100	
Upgrade electrical various panels		\$400,000
Architectural Fees	\$26,000	
Construction Cost	\$325,000	
Project management cost including CM, Inspection, Testing, etc	\$26,000	
Project Contingency	\$23,000	
Upgrade UPS		\$200,000
Architectural Fees	\$13,000	
Construction Cost	\$163,000	
Project management cost including CM, Inspection, Testing, etc	\$13,000	
Project Contingency	\$11,000	
Lot "B" Photo Voltaic		\$1,000,000
Architectural Fees	\$65,000	
Construction Cost	\$812,500	
Project management cost including CM, Inspection, Testing, etc	\$65,000	
Project Contingency	\$57,500	
Electrical Charger stations		\$300,000
Architectural Fees	\$19,500	
Construction Cost	\$245,000	
Project management cost including CM, Inspection, Testing, etc	\$18,000	
Project Contingency	\$17,500	

Replace Transit Reclaimed water pipe		\$200,000
Architectural Fees	\$13,000	
Construction Cost	\$163,000	
Project management cost including CM, Inspection, Testing, etc	\$13,000	
Project Contingency	\$11,000	
Upgrade irrigation		\$200,000
Architectural Fees	\$13,000	
Construction Cost	\$163,000	
Project management cost including CM, Inspection, Testing, etc	\$13,000	
Project Contingency	\$11,000	
New sewer service at Garfield Campus		\$250,000
Architectural Fees	\$16,200	
Construction Cost	\$203,000	
Project management cost including CM, Inspection, Testing, etc	\$16,200	
Project Contingency	\$14,600	
CP #2 chilled water piping Audito to AD Min		\$500,000
Architectural Fees	\$32,400	
Construction Cost	\$406,000	
Project management cost including CM, Inspection, Testing, etc	\$32,400	
Project Contingency	\$29,200	
Elevator Up Grade		\$600,000
Architectural Fees	\$39,000	
Construction Cost	\$490,000	
Project management cost including CM, Inspection, Testing, etc	\$38,000	
Project Contingency	\$33,000	

Up Grade Controls system	\$2,000,000
Architectural Fees	\$130,000
Construction Cost	\$1,625,000
Project management cost including CM, Inspection, Testing, etc	\$130,000
Project Contingency	\$115,000
Roofing Replacement	\$650,000
Architectural Fees	\$43,000
Construction Cost	\$530,000
Project management cost including CM, Inspection, Testing, etc	\$40,000
Project Contingency	\$37,000

Energy Conservation

This is a series of projects to enhance the energy conservation efforts of the college. The projects will include up-date/replacement of old out dated HVAC Systems, replacement of various inefficient exterior windows (i.e. Administration Building and El Camino Real) with new energy efficient multi-glazed windows, and the installation of a new centralized electronic HVAC control system.

Budget \$8,000,000

Architectural Fees	\$525,000
Construction Costs	\$6,350,000
Project Management including CM, Inspection, Testing, etc	\$500,000
Project Contingency	\$550,000
Furniture and Equipment	\$75,000

project	total budget	budget year					22/23
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	
energy conservation	\$8,000,000.00		\$2,000,000.00	\$4,000,000.00	\$2,000,000.00		

ENERGY CONSERVATION PROJECTS

Admin/Camino Real Window replacement		\$2,240,000
Architectural Fees	\$145,000	
Construction Cost	\$1,800,000	
Project management cost including CM, Inspection, Testing, etc	\$160,000	
Project Contingency	\$135,000	
Up Grade Pumps		\$300,000
Architectural Fees	\$19,500	
Construction Cost	\$244,000	
Project management cost including CM, Inspection, Testing, etc	\$19,500	
Project Contingency	\$17,000	
Roof Coating		\$250,000
Architectural Fees	\$16,000	
Construction Cost	\$203,000	
Project management cost including CM, Inspection, Testing, etc	\$16,000	
Project Contingency	\$15,000	
LED Lighting Upgrade		\$435,000
Architectural Fees	\$28,500	
Construction Cost	\$352,000	
Project management cost including CM, Inspection, Testing, etc	\$28,000	
Project Contingency	\$26,500	
AJAX Broiler Replacement		\$250,000
Architectural Fees	\$16,000	
Construction Cost	\$203,000	
Project management cost including CM, Inspection, Testing, etc	\$16,000	
Project Contingency	\$15,000	

Replace Pneumatic Controls		\$325,000
Architectural Fees	\$21,000	
Construction Cost	\$263,000	
Project management cost including CM, Inspection, Testing, etc	\$21,000	
Project Contingency	\$20,000	
Up Grade existing DDC		\$750,000
Architectural Fees	\$48,500	
Construction Cost	\$608,000	
Project management cost including CM, Inspection, Testing, etc	\$48,000	
Project Contingency	\$45,500	
Convert campus wide to CHW		\$800,000
Architectural Fees	\$52,000	
Construction Cost	\$647,000	
Project management cost including CM, Inspection, Testing, etc	\$51,000	
Project Contingency	\$50,000	
Upgrade DDC Interface Software DDC		\$250,000
Architectural Fees	\$16,000	
Construction Cost	\$203,000	
Project management cost including CM, Inspection, Testing, etc	\$16,000	
Project Contingency	\$15,000	
Fan Coil Trim Kits		\$1,000,000
Architectural Fees	\$65,000	
Construction Cost	\$810,000	
Project management cost including CM, Inspection, Testing, etc	\$64,000	
Project Contingency	\$61,000	

Refurbish VAV Boxes		\$150,000
Architectural Fees	\$10,000	
Construction Cost	\$122,000	
Project management cost including CM, Inspection, Testing, etc	\$9,000	
Project Contingency	\$9,000	
Net Work Thermostats		\$50,000
Architectural Fees	\$3,500	
Construction Cost	\$41,000	
Project management cost including CM, Inspection, Testing, etc	\$2,500	
Project Contingency	\$3,000	
Replace Flex Duct with Rigid		\$300,000
Architectural Fees	\$19,500	
Construction Cost	\$244,000	
Project management cost including CM, Inspection, Testing, etc	\$19,500	
Project Contingency	\$17,000	
Upgrade Fume Hoods		\$300,000
Architectural Fees	\$19,500	
Construction Cost	\$244,000	
Project management cost including CM, Inspection, Testing, etc	\$19,500	
Project Contingency	\$17,000	
Upgrade DX systems to Chilled Water System		\$600,000
Architectural Fees	\$39,000	
Construction Cost	\$488,000	
Project management cost including CM, Inspection, Testing, etc	\$39,000	
Project Contingency	\$34,000	

Technology

This Project includes an upgrade of the College's primary system software to a new People Soft System; in addition, the project will include various upgrades to the College's overall academic and administrative system software.

Budget \$4,500,000

Safety and Security

(information to come)

Classrooms/Labs Renovation

This Project proposes to upgrade all existing classrooms and lab spaces (over 200) over several years. Work within the spaces will include as necessary new flooring, lighting, ceilings, IT equipment, white boards, paint and furnishings. The Learning Environment Enhancement Committee will set annual priorities. 28 classrooms have been completed or are in the process of being completed this fiscal year (18/19)

Budget \$7,000,000

Architectural Fees	\$455,000
Construction Costs	\$5,687,500
Project Management including CM, Inspection, Testing, etc.	\$455,000
Project Contingency	\$402,500

Garfield Campus Property Acquisition and Surface Parking

This project includes the purchase of 13 properties surrounding the present Garfield Campus, relocation of the residents of those properties, demolition of the properties and replacing with surface parking for approximately 300 spaces.

Budget	\$30,000,000
Acquisition Budget	\$25,000,000
Demolition Budget	\$2,000,000
Design Fees	\$86,250
Construction Costs	\$1,725,000
Project Management including CM, Inspection, Testing, etc.	\$68,000
Project Contingency	\$120,750

Paving, Lighting, and Landscaping Budget \$3,000,000

Design Fees	\$131,250
Construction Costs	\$2,625,000
Project Management including CM, Inspection, Testing, etc.	\$60,000
Project Contingency	\$183,750

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Garfield Campus	\$30,000,000.00		\$30,000,000.00				

Welding Technology Facility

This project will convert approximately 6,500 sq. ft. of existing space in the Aviation Arts Building, vacated by the Fire Academy due to its move to the City of Glendale Fire Department training facility, into a new Welding Technologies Lab. The space will consist of 29 welding booths, space for new cutting machinery, including plasma and shear cutting equipment, space for metal shaving storage as well secure outside storage for welding gases. The present welding facility is 1,728 square feet that accommodates 20 welding booths.

Budget \$3,840,000

Architectural Fees	\$220,000
Construction Costs	\$2,985,000
Project Management including CM, Inspection, Testing, etc	\$300,000
Project Contingency	\$225,000
Furniture and Equipment	\$110,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Welding Lab Alteration, Aviation Arts Building	\$3,840,000.00		\$3,500,000.00	\$340,000.00			

Administration Building - Human Resources Office

This project will convert 2,417 square feet of existing vacant office space (formally Admissions and Records) within the first floor of the Administration Building into new offices for Human Resources. The project will consist of a reception space, both open and closed office spaces, two file storage rooms and a department conference room.

Budget \$820,000

Architectural Fees	\$45,000
Construction Costs	\$640,000
Project Management including CM, Inspection, Testing, etc	\$60,000
Project Contingency	\$45,000
Furniture and Equipment	\$30,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	
Administration Building - Human Resources	\$820,000.00		\$820,000.00				

San Rafael - Second Floor Renovation

This project will renovate the second floor of San Rafael Building to house Title V, Baja, Governance, CalWORKs, and adjuncts offices.

Budget \$3,300,000

Architectural Fees	\$195,000
Construction Costs	\$2,600,000
Project Management including CM, Inspection, Testing, etc	\$245,000
Project Contingency	\$182,000
Furniture and Equipment	\$78,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	
San Rafael Renovation Second Floor	\$3,300,000.00		\$3,000,000.00	\$300,000.00			

San Gabriel First Floor-DSPS Space

This project will convert approximately 3200 sq. ft. of vacant space on the first floor of the San Gabriel Building into Office and instructional support space for Disabled Student Programs and Services (DSPS). The vacant space previously served as a computer lab that was replaced by the Learning Commons located in the Sierra Vista Building. The new DSPS space will consist of both open and closed office space for staff, conference space as well as a break room and data storage space. This will consolidate all DSPS locations into one area of support.

Budget \$1,500,000

Architectural Fees	\$82,000
Construction Costs	\$1,175,000
Management Cost including CM, Inspection, Testing, etc	\$120,000
Project Contingency	\$88,000
Furniture and Equipment	\$35,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
San Gabriel First Floor-DSPS Space	\$1,500,000.00		\$1,500,000.00				

New Science Building and Ancillary Projects

This project will result in a new Science Center on the Northwest corner of the Verdugo Campus, housing the Chemistry, Biology, Physics, Geology/Oceanography and Astronomy programs. The building will consist of various classrooms, laboratories and support spaces. The project is currently in the programming phase to determine square footage, relationship of spaces, appropriate siting, estimate of probable construction cost and appropriate schedule for the project. When the new 4 story, 111,000 square foot science building is constructed the Arroyo Seco Building and Santa Anita Building will be torn down and the Camino Real and San Gabriel buildings renovated.

Budget- Science Building	\$92,400,000
Camino Real Remodel	\$11,000,000
Arroyo Sega Demolition	<u>\$7,000,000</u>
Project Total	\$110,400,000

Architectural Fees	\$6,440,000
Construction Costs	\$80,500,000
Project Management including CM, Inspection, Testing, etc	\$6,440,000
Project Contingency	\$6,237,000
Furniture and Equipment	\$2,383,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
New Science Building	\$102,000,000.00	\$12,000,000.00		\$16,000,000.00	\$60,000,000.00	\$14,000,000.00	

Music, Dance, and Instruction (MDI)

This project proposes to construct a new Center for Music, Dance, and Instruction to be located on a site housing temporary structures between Plaza Vaquero and Verdugo Gym. The project when completed will provide state of the art facilities for Dance and Music programs, instructional space for kinesiology, flexible instructional space for a variety of disciplines, and space to support large conferences seating up to 300 attendees. Included in the project costs is demolition of the Sierra Nevada Gym and landscaping.

Budget \$51,700,000

Architectural Fees	\$3,200,000
Construction Costs	\$40,000,000
Project Management including CM, Inspection, Testing, etc	\$4,000,000
Project Contingency	\$3,000,000
Furniture and Equipment	\$1,500,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Dance, Music, and Instruction	\$51,700,000.00				\$6,170,000.00	\$40,000,000.00	\$5,000,000.00

Montrose Campus Development

This project will develop and upgrade classrooms in the building housing the Professional Development Center and the former Citibank building adjacent to the PDC, assure ADA compliance with both buildings (including elevators), and expand parking. The classrooms and renovations will be designed to serve expanded noncredit, credit, contract education, and community education program needs of the college.

Budget \$14,000,000

Purchase of Citibank property	\$3,500,000
Architectural Fees	\$750,000
Construction Costs	\$8,125,000
Project Management including CM, Inspection, Testing, etc.	\$500,000
Project Contingency	\$625,000
Furniture and Equipment	\$500,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	22/23
Montrose Campus	\$10,500,000		\$500,000	\$9,000,000	\$1,000,000		

Garfield Campus Mariposa Renovation

This project proposes to renovate various classrooms and office space to enhance the delivery of the learning environment. The project also includes the renovation of the outdoor café and courtyard areas and upgrades to the deficient plumbing system.

Budget \$3,000,000

Architectural Fees	\$187,500
Construction Costs	\$2,342,500
Project Management including CM, Inspection, Testing, etc.	\$200,000
Project Contingency	\$175,750
Furniture and Equipment	\$94,250

Food Services Renovations

This project currently in the feasibility/programming phase proposes to enhance both the capacity and dining experience for Students, Faculty, and Staff on the Verdugo campus. The project will expand and open up the indoor dining spaces as well as expand the exterior dining areas. A new central monumental staircase will direct central campus circulation to the new dining areas. The space will incorporate new flooring, ceilings, and finish surfaces in addition to new furniture and fixtures

Budget \$5,465,000

Architectural	\$334,000
Construction Costs	\$4,170,000
Project Management, including CM Inspection, Testing, etc	\$320,000
Contingency	\$346,000
Furniture and Equipment	\$295,000

Minor Capital Projects

This is a series of projects to enhance the faculty and staff office environments throughout the college. It will include new Adjunct Faculty space, new flooring, office furniture upgrades.

Budget \$2,450,000

Architectural Fees	\$533,250
Construction Costs	\$1,665,625
Project Management including CM, Inspection, Testing, etc.	\$133,250
Project Contingency	\$117,875

Storage Building

This project will construct an 8,150 assigned square foot centralized district storage facility to be located on the upper east side of the Verdugo Campus.

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	
Storage Building	\$6,000,000.00					\$3,000,000.00	\$3,000,000.00

Fire Academy Project (In partnership with the City of Glendale)

The Fire Academy has relocated to the Glendale Fire Department training facility to improve the learning environment for the cadets and to access improved training equipment and facilities. The college has entered into an MOU with the City to share in the costs of building a live fire training building and agreed to share costs to expand office space and renovate other training facilities

Budget \$1,100,000

Live fire training building and move	\$300,000
Move and renovate portable classroom, retrofit and modernize fire tower training facility, and expand storage facility for training equipment	\$400,000
New building for classrooms, showers, lockers, and offices	\$400,000

project	total budget	budget year					
		prior fy (GC Bond)	18/19	19/20	20/21	21/22	
Fire Academy Burn Building (Partnership with the City of Glendale)	\$1,100,000.00		\$300,000.00	\$400,000.00		\$400,000.00	

Auditorium Renovations

This project proposes to renovate the existing Auditorium Building when the music program moves to the planned new Music, Dance and Instruction Building. Renovations will include seismic upgrades, full accessibility, renovated lobby, new seating and draperies, renovated orchestra pit lift, new theatre lighting and enhanced performance spaces. Also the project will include conversion of the band and choral rooms to instructional space for the Media Arts Program.

Budget \$30,000,000

Architectural Fees	\$1,875,000
Construction Costs	\$23,425,000
Project Management including CM, Inspection, Testing, etc	\$2,000,000
Project Contingency	\$1,757,500
Furniture and Equipment	\$942,500

Garfield Campus New Building

This project proposes to construct a new two level, approximately 40,000 square feet office and classroom building over a two level 60 space parking structure. The structure would be similar to Tropic with one level of parking below grade and the second at grade.

Budget \$20,000,000

Architectural Fees	\$1,250,000
Construction Costs	\$15,620,000
Project Management including CM, Inspection, Testing, etc.	\$1,335,000
Project Contingency	\$1,200,000
Furniture and Equipment	\$595,000

Advanced Technology Center

This building is included in the 2015 Facilities Master Plan to replace the Aviation Arts Building and house interdisciplinary classrooms, laboratories and faculty offices for Electronics, Engineering, Robotics, Drafting, Metallurgy, Computer Manufacturing, and the Visual Arts Programs. It includes cross-disciplinary Library and Instructional Media space orientated to the Sciences, Technology, and Arts.

Advanced Technology Center

Budget \$60,000,000

Architectural Fees	\$3,750,000
Construction Costs	\$46,850,000
Project Management including CM, Inspection, Testing, etc	\$4,000,000
Project Contingency	\$3,515,000
Furniture and Equipment	\$1,885,000

project	total budget	prior fy (GC Bond)	budget year				
			18/19	19/20	20/21	21/22	22/23
Technology center	\$60,000,000.00				\$4,000,000.00	\$4,000,000.00	\$52,000,000.00

Measure GC Designated and Potential Capital Outlay Projects
Estimated Costs Summary
2017-2028

project	total budget		
		Board authorized to date	future funding
Athletics and Kinesiology Expansion and Seismic Retrofitting	\$44,000,000.00	\$34,000,000.00	\$10,000,000.00
Infrastructure	\$6,600,000.00	\$6,600,000.00	
Energy Conservation	\$8,000,000.00		\$8,000,000.00
Technology	\$4,500,000.00	\$1,500,000.00	\$3,000,000.00
Safety and Security			
Classrooms/Labs Renovation	\$7,000,000.00		\$7,000,000.00
Garfield Campus Property Acquisition and Surface Parking	\$30,000,000.00		\$30,000,000.00
Welding Technology Facility	\$3,840,000.00		\$3,840,000.00
Administration Building – Human Resources	\$820,000.00		\$820,000.00
San Raphael - Second Floor Renovations	\$3,300,000.00		\$3,300,000.00
San Gabriel First Floor - DSPS Offices	\$1,500,000.00		\$1,500,000.00
New Science Building and Ancillary Projects	\$110,400,000.00		\$110,400,000.00
Music, Dance and Instruction Building	\$51,700,000.00		\$51,700,000.00
Montrose Campus Development	\$14,000,000.00		\$14,000,000.00
Garfield Campus Mariposa Renovations	\$3,000,000.00		\$3,000,000.00
Food Services Renovations	\$5,465,000.00		\$5,465,000.00
Minor Capitol Projects	\$2,450,000.00		\$2,450,000.00
Storage Building	\$6,000,000.00		\$6,000,000.00
Fire Academy Project (In partnership with the City of Glendale)	\$1,100,000.00		\$1,100,000.00
Auditorium Renovation	\$30,000,000.00		\$30,000,000.00
Garfield Campus New Building	\$20,000,000.00		\$20,000,000.00
Advanced Technology Center	\$60,000,000.00		\$60,000,000.00
Total Projects	\$413,675,000.00*	\$42,100,000.00	\$371,575,000.00

*In excess of \$325 million of Measure GC Funds
Contingency total included in above noted projects

\$88,675,000.00

\$21,936,025.00