# Santa Rosa Junior College Program Resource Planning Process

### Facilities - Maintenance 2017

#### 1.1a Mission

Facilities Planning and Operations is a District-wide service oriented support for all aspects pertaining to the physical and natural environment in support of Sonoma County Junior College District's mission. This support ranges from planning, design, construction of projects, agency interaction, maintenance, custodial, grounds and landscaping, environmental management, occupational safety, recycling, utility management, and sustainable initiatives. The FPO division comprises of the following departments: 1) Facilities Planning and Operations; 2) Facilities Operations - Administration, Custodial, Grounds and Recycling, Maintenance; and 3) Environmental Health and Safety.

In addition to new construction, renovation projects, deferred maintenance, we maintain 95 buildings, 1.6 Million gross square feet, multiple athletic fields, and 500 acres on the Santa Rosa campus, Petaluma campus, Public Safety Training Center, and Shone Farm. We also provide support to the various leased facilities at our 36 Educational Centers.

Our team consists of over 70 talented men and women dedicated to providing the most effective, safe and customer oriented service to the campus community. We are proud of our most valuable resource that is culturally diverse comprising of managers, technical professionals, administrative support, skilled trades, support staff, and students.

As part of the FPO team, Facilities Operations (FO) provides the maintenance and safe operation of the District's physical and environmental properties, custodial services and grounds maintenance. FO develops preventative and scheduled maintenance projects and activities in order to maintain a functional learning and working environment. It is also responsible for maintaining and scheduling college vehicles for field trips and conferences.

Within Facilities Operations, Maintenance Services is responsible for maintaining all buildings systems, at all district locations, including heating, ventilation and air conditioning, electrical, structural and carpentry services, security locking systems, and swimming pools. In addition, the Maintenance is responsible for painting services, general maintenance, institutional safety, and the maintenance of the District fleet of 104 vehicles.

Mission Statement: "Facilities Planning and Operations promotes student learning reflective of the District's academic excellence by providing a safe, clean, well maintained educational, physical and natural environment."

### 1.1b Mission Alignment

"Facilities Planning and Operations promotes student learning reflective of the District's academic excellence by providing a safe, clean, well maintained educational, physical and natural environment."

In alignment with FPO's statement and in support of the Strategic Plan for the District's Mission, Maintenance Services is responsible for providing a healthy safe and working environment. Facilities Operations supports the instructional program and student services by providing and maintaining quality and up-to-date classrooms, offices and support space design to serve the educational interest of the students and the District community.

### 1.1c Description

The Facilities Operations - Maintenance Service Department provides the following services for the District with such skill trades as: carpenters, heating ventilation/air conditioning techinicians, electricians, plumbers, vehicle mechanics, painter, pool techinician, locksmith services and the energy management techinician. These services are provided to the campus to ensure a safe, comfortable learning environment which enhances the culture for student learning.

### 1.1d Hours of Office Operation and Service by Location

The Facilities Operation Department hours are from 7:30 am until 4:30 pm, Monday - Friday. Except during the months of June and July we operate from 7 am until 6 pm, Monday - Thursday schedule. Emergency calls are reported to the Director of Facilties Operations. This person is always on call for a needed response or solution provider.

### 1.2 Program/Unit Context and Environmental Scan

Facilities Operations within FPO is responsible for all district-wide construction projects. This ranges from Major Capital Funded projects to the smaller/minor capital projects, and Scheduled Maintenance. This has impacted Facilities Operations due to the following: added square footage with the Phase II Petaluma, completion of the Bertolini Student Center, warranty and commissioning issurs, new HVAC building technology, Bay Area Quality Management District regulations for the fleet of vehicles, keying/security requirements, lighting control panels, online service request technology and ther internal commissioning of a building.

New construction is very important for the future of this college and Facilities will support it in any way possible. The professional design is relying on our team to provide valuable information into all projects. Facilities Operations responsibilities increases per the following: call ins to the front desk staff, location/verification of

utilities, requests for information, punch list items and the ongoing commissioning.

The sustainabale aspect of our Environmental Scan is critical for our Facilities Operations department. This relates to all aspects if sustainablity such as: recycle program, photovoltaics, cogeneration plant, load shedding, under floor distribution, IDEC systems, a Ground Source Heat Pump system, and alternative transportation.

The Green Building aspect is for all of our newer buildings incorporate green building technologies and materials, and as that market expands and more products are available, we will insist that they be used. The architects and engineers we use are well versed in this and know what our requirements are, from 100% recycled content in new carpets and upholstery, to counter laminates and wall coverings made from recycled wood byproducts, to vinyl flooring made from all natural linoleum components such as linseed oil, jute, and cork. Our interior finishes no longer contain any products with volatile oils that off gas allergens. Even the glues used to secure flooring, laminates, and wall coverings are water based, as are all of our floor finishing products. Our pitched roofs are concrete tile with no petroleum content and our exterior finishes are brick, plaster, and concrete.

### 2.1a Budget Needs

The allocation of funds for the Facilities Operation - Maintenance Services Department is effectively distributed for the needs of the entire District.

Our budget needs are ever growing due to the size of the campus and the neccessary legal requirements that must be attained. Our responsibility of square footage has increased over the last six years reflective of the college growth.

Increase of square footage for the district has resulted in increased cost to maintenance and operations of facilties, both new and aged. This directly correlates to the cost of raw materials such as: steel, concrete, copper, wood and of course fuel.

Even though we have new facilities coming on board the majority of our buildings on the SR campus are in dire need of modernization. Accordingly Fac. Ops. has taken a Total Cost of Ownership to capture the true cost maintenance and recapitalization.

FPO has also emulated the greatly successful Petaluma "dotted line" structure, with both PSTC and Shone Farm.

#### **MAINTENANCE**

FD-LC-RS-PROG-ACTV- Description Account Balance Encumbered Expens OBJT.SB

10-00-20-0000-6511-4342.01	Softwr/Non-Inst,Facilities,Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6511-4390.00	Other Supplies, Facilities, Unrestricted	-\$153,181.89	\$46,849.01	\$2
10-00-20-0000-6511-4390.01	Other Supplies, Facilities, Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6511-4396.00	Uniform Allowan, Facilities, Unrestricted	\$936.83	\$0.00	
10-00-20-0000-6511-4510.00	Graphic Arts, Facilities, Unrestricted	-\$77.24	\$0.00	
5000's				
10-00-20-0000-6511-5210.00	Staff Travel, Facilities, Unrestricted	\$63.33	\$0.00	
10-00-20-0000-6511-5230.00	Travel Allowanc, Facilities, Unrestricted	-\$2,120.23	\$0.00	
10-00-20-0000-6511-5300.00	Dues & Membersh, Facilities, Unrestricted	-\$1,016.99	\$0.00	
10-00-20-0000-6511-5530.00	Telephone, Facilities, Unrestricted	-\$1,155.99	\$598.33	
10-00-20-0000-6511-5535.00	Tele Adds, Move, Facilities, Unrestricted	\$50.00	\$0.00	
10-00-20-0000-6511-5540.00	Laundry & Dry C, Facilities, Unrestricted	\$83.00	\$0.00	
10-00-20-0000-6511-5630.00	Equipment Renta, Facilities, Unrestricted	-\$2,169.29	\$522.40	
10-00-20-0000-6511-5652.00	Equipment Servi, Facilities, Unrestricted	-\$324,994.30	\$107,521.50	\$3
10-00-20-0000-6511-5652.01	Equipment Servi, Facilities, Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6511-5659.00	Other Equipment, Facilities, Unrestricted	-\$102,145.06	\$38,363.56	\$1
10-00-20-0000-6511-5680.00	Repair of Build, Facilities, Unrestricted	-\$73,854.17	\$37,959.86	9
10-00-20-0000-6511-5680.01	Repair of Build, Facilities, Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6511-5690.00	Other Contracts, Facilities, Unrestricted	-\$126,018.59	\$33,792.52	\$3
10-00-20-0000-6511-5820.00	Postage, Facilities, Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6511-5990.00	Other Services, Facilities, Unrestricted	\$0.00	\$0.00	

\$129.00

\$0.00

10-00-20-0000-6511-4210.00 Other Books--re,Facilities,Unrestricted

### **CUSTODIAL**

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered
4000's			
10-00-20-0000-6530-4390.00	Other Supplies, Custodial, Unrestricted	-\$1,560.94	\$770.54
10-00-20-0000-6530-4395.00	Custodial Paper, Custodial, Unrestricted	-\$5,354.45	\$981.48
10-00-20-0000-6530-4396.00	Uniform Allowan, Custodial, Unrestricted	\$3,942.58	\$0.00
10-00-20-0000-6530-4510.00	Graphic Arts, Custodial, Unrestricted	\$0.00	\$0.00
5000's			
10-00-20-0000-6530-5210.00	Staff Travel, Custodial, Unrestricted	\$184.00	\$0.00
10-00-20-0000-6530-5230.00	Travel Allowanc, Custodial, Unrestricted	-\$1,653.77	\$0.00
10-00-20-0000-6530-5300.00	Dues & Membersh, Custodial, Unrestricted	\$39.99	\$0.00
10-00-20-0000-6530-5530.00	Telephone, Custodial, Unrestricted	-\$880.62	\$123.14
10-00-20-0000-6530-5535.00	Tele Adds, Move, Custodial, Unrestricted	\$61.00	\$0.00
10-00-20-0000-6530-5630.00	Equipment Renta, Custodial, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6530-5659.00	Other Equipment, Custodial, Unrestricted	\$270.00	\$208.23
10-00-20-0000-6530-5690.00	Other Contracts, Custodial, Unrestricted	\$1,815.67	\$182.90
10-00-20-0000-6530-5710.00	Legal Inc. Adve, Custodial, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6530-5820.00	Postage, Custodial, Unrestricted	\$0.00	\$0.00

### **GROUNDS**

FD-LC-RS-PROG-ACTV-OBJT.SB	Description	Account Balance	Encumbered	Exp
4000's				
10-00-20-0000-6550-4390.00	Other Supplies, Grounds, Unrestricted	-\$143.29	\$4,867.68	
10-00-20-0000-6550-4390.01	Other Supplies, Grounds, Unrestricted	\$0.00	\$0.00	
10-00-20-0000-6550-4396.00	Uniform Allowan, Grounds, Unrestricted	\$143.80	\$0.00	
10-00-20-0000-6550-4510.00	Graphic Arts, Grounds, Unrestricted	\$0.00	\$0.00	
5000's				
10-00-20-0000-6550-5210.00	Staff Travel, Grounds, Unrestricted	-\$5,263.26	\$0.00	
10-00-20-0000-6550-5230.00	Travel Allowanc, Grounds, Unrestricted	\$3,718.00	\$0.00	
10-00-20-0000-6550-5300.00	Dues & Membersh, Grounds, Unrestricted	\$95.00	\$0.00	
10-00-20-0000-6550-5530.00	Telephone, Grounds, Unrestricted	\$135.00	\$0.00	

10-00-20-0000-6550-5535.00	Tele Adds, Move, Grounds, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6550-5630.00	Equipment Renta, Grounds, Unrestricted	\$386.00	\$0.00
10-00-20-0000-6550-5659.00	Other Equipment, Grounds, Unrestricted	\$706.00	\$1,047.00
10-00-20-0000-6550-5680.00	Repair of Build, Grounds, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6550-5690.00	Other Contracts, Grounds, Unrestricted	\$6,447.00	\$0.00

### **CARE OF OAK TREES**

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered
4000's			
10-00-20-0000-6551-4390.00	Other Supplies, Care Oak Trees, Unrestricted	\$848.93	\$0.00
	Staff Travel, Care Oak Trees, Unrestricted	\$100.00	\$0.00
5000's	Dues & Membersh, Care Oak Trees, Unrestricted	\$65.00	\$0.00
10-00-20-0000-6551-5210.00	Equipment Renta, Care Oak Trees, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6551-5300.00	Other Equipment, Care Oak Trees, Unrestricted	-\$1,385.00	\$0.00
10-00-20-0000-6551-5630.00	Other Contracts, Care Oak Trees, Unrestricted	\$209.50	\$0.00
10-00-20-0000-6551-5659.00	Other Contracts, Care Oak Trees, Unrestricted	\$0.00	\$0.00
10-00-20-0000-6551-5690.00			
10-00-20-0000-6551-5690.01			

### UTILITIES

J :			
FD-LC-RS-PROG-ACTV-OBJT.SB	Description	Account Balance	Encumbered
10-00-20-0000-6570-4395.00	Custodial Paper, Utilities, Unrestricted	\$96,858.59	\$14,245.37
10-00-20-0000-6570-5510.00	Electric, Utilities, Unrestricted	-\$331,811.62	\$376,688.38
10-00-20-0000-6570-5511.00	Gas, Utilities, Unrestricted	\$126,943.31	\$103,583.90
10-00-20-0000-6570-5520.00	Waste Disposal, Utilities, Unrestricted	-\$4,799.12	\$3,088.30
10-00-20-0000-6570-5521.00	Water (City Se, Utilities, Unrestricted	\$84,475.00	\$173,197.1
10-00-20-0000-6570-5530.00	Telephone, Utilities, Unrestricted	\$700.00	\$0.00

### **RECYCLING**

FD-LC-RS-PROG-ACTV-OBJT.SB	Description	Account Balance	Encumbe
<b>4000's</b> 10-00-20-0000-6590-4390.00	Other Supplies,Recycling Progr,Unrestricted	\$421.89	)
<b>5000's</b> 10-00-20-0000-6590-5300.00 10-00-20-0000-6590-5520.00	Dues & Membersh,Recycling Progr,Unrestricted Waste Disposal,Recycling Progr,Unrestricted	\$131.00 \$1,849.00	

#### **MOTOR POOL**

MUTUR PUUL			
FD-LC-RS-PROG-ACTV-OBJT.SB	Description	Account Balance	Encumbered
4000's			
10-00-20-0000-6776-4390.00	Other Supplies, Motor Pool, Unrestricted	-\$32,704.75	\$60,9
5000's			
10-00-20-0000-6776-5210.00	Staff Travel, Motor Pool, Unrestricted	\$3,481.98	
10-00-20-0000-6776-5220.00	Student Travel, Motor Pool, Unrestricted	\$2,680.71	
10-00-20-0000-6776-5230.00	Travel Allowanc, Motor Pool, Unrestricted	-\$38,490.15	
10-00-20-0000-6776-5530.00	Telephone, Motor Pool, Unrestricted	-\$147.36	
10-00-20-0000-6776-5610.00	Student Transpo, Motor Pool, Unrestricted	\$22,205.42	
10-00-20-0000-6776-5620.00	Field Trips/inc,Motor Pool,Unrestricted	-\$18,981.48	
10-00-20-0000-6776-5621.00	Field Trips (fe,Motor Pool,Unrestricted	\$0.00	
10-00-20-0000-6776-5630.00	Equipment Renta, Motor Pool, Unrestricted	\$0.00	
10-00-20-0000-6776-5659.00	Other Equipment, Motor Pool, Unrestricted	-\$41,359.95	\$5,6
10-00-20-0000-6776-5690.00	Other Contracts, Motor Pool, Unrestricted	\$100.00	
10-00-20-0000-6776-5820.00	Postage, Motor Pool, Unrestricted	\$0.00	

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### Expenditure Account Snapsho

Trans Date	Vendor(Payee): Description	Journal #	Reference #	Budget	Encumbrance
10-00-20	-0000-6514-4390.00 {Other Supplies,Maint Swim,Unrestricted	l} Unrestricted			
July, 2016	3				
07/01/16	Adopted Budget,OB17-02,Fund 10	BA17-00197		20,721.00	
07/01/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-00114	R17-00120		6,000.00
07/27/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-01379	R17-00120		333.98
07/27/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-01622	R17-00120		
August, 2	016				
08/11/16	Lincoln Equipment Inc: Pulsar Tabs for Pool	EN17-01978	R17-01026		4,952.4
08/24/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-02570	R17-00120		159.4
08/24/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-03069	R17-00120		
Septembe	er, 2016				
09/07/16	Lincoln Equipment Inc: Pulsar Tabs for Pool	EN17-03105	R17-01026		4,952.4
09/07/16	(Lincoln Equip Inc): Pulsar Tabs for Pool	EX17-04024	R17-01026		
09/21/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-03789	R17-00120		198.1
09/21/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-04835	R17-00120		
October, 2	2016				
10/05/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-04415	R17-00120		163.5
10/05/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-05957	R17-00120		
10/26/16	(U S Bank): 4246044555673080	EX17-07542	0416379		
November	r, 2016				
11/02/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-05820	R17-00120		182.2
11/02/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-07987	R17-00120		
11/23/16	Lincoln Equipment Inc: Pulsar Plus Briquettes for Quinn Pool	EN17-06704	R17-02503		4,977.4
December	r, 2016				
12/14/16	Lincoln Equipment Inc: Pulsar Plus Briquettes for Quinn Pool	EN17-07843	R17-02503		4,977.4
12/14/16	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-07871	R17-00120		273.4
12/14/16	(Lincoln Equip Inc): Pulsar Plus Briquettes for Quinn Pools	EX17-10812	R17-02503		
12/14/16	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-10964	R17-00120		
January, 2	2017				
01/25/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-09557	R17-00120		99.8
01/25/17	B R G Precision Products: Clock for Quinn Swim Center	EN17-09630	R17-03330		1,417.7

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Generated for Anna Felciano (AFELCIANO), May 17 2

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#### **Expenditure Account Snapsho**

Trans Date	Vendor(Payee): Description	Journal #	Reference #	Budget	Encumbrance
10-00-20-	0000-6514-4390.00 {Other Supplies,Maint Swim,Unrestricted	I} Unrestricted (conf	inued)		
January, 2	2017 (continued)				
01/25/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-13129	R17-00120		Τ
February, 2	2017		_17		
02/01/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-09982	R17-00120		78.66
02/01/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-13758	R17-00120		
02/22/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-10862	R17-00120		204.57
02/22/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-14909	R17-00120		
March, 201	17		-		
03/01/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-11225	R17-00120		495.79
03/01/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-15714	R17-00120		
03/01/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-15715	R17-00120		
03/01/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-15716	R17-00120		
03/15/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-11898	R17-00120		172.43
03/15/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-16636	R17-00120		
03/17/17	Lincoln Equipment Inc: Quote: WQ103602 Briquetts for Pool	EN17-12002	R17-03995		4,964.96
03/22/17	B R G Precision Products: Clock for Quinn Swim Center	EN17-12121	R17-03330		1,417.78
03/22/17	(B R G Precision Products): Clock for Quinn Swim Center	EX17-16804	R17-03330		
03/22/17	(B R G Precision Products): Unpaid Tax	EX17-16804	R17-03330		l
April, 2017	,				
04/05/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-12884	R17-00120		469.21
04/05/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-18274	R17-00120		
04/05/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-18275	R17-00120		
04/12/17	Lincoln Equipment Inc: Quote: WQ103602 Briquetts for Pool	EN17-13295	P.R17-03995		4,964.96
04/12/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-13323	R17-00120		143.24
04/12/17	(Lincoln Equip Inc): Quote: WQ103602 Briquetts for Pool	EX17-18645	R17-03995		
04/12/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-18741	R17-00120		
04/19/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-13731	R17-00120		376.3
04/19/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-19222	R17-00120		
May, 2017		. 13			
05/03/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-14456	R17-00120		256.3
Selection	Grouped by Month				

#### Fiscal99a

EXPENDITURE

#### **Expenditure Account Snapshot**

Trans Date	Vendor(Payee): Description	Journal #	Reference #	Budget	Encumbrance		
10-00-20-0000-6514-4390.00 (Other Supplies, Maint Swim, Unrestricted) Unrestricted (continued)							
May, 2017	(continued)						
05/03/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-20559	R17-00120				
05/10/17	Purity Prod Co: BLANKET PO FOR SUPPLIES (MAINT)	EN17-14785	R17-00120		937.27-		
05/10/17	(Purity Prod Co): BLANKET PO FOR SUPPLIES (MAINT)	EX17-21004	R17-00120				
			Totals	20,721.00	1,455.50		

# 2.1b Budget Requests

Rank	Location	SP	M	Amount	Brief Rationale
0002	ALL	04	07	\$18,737.00	Bring Present Budget up to \$170,599 from \$151,862: To purchase
					supplies to maintain the buildings and equipment on all campuses.
0002	ALL	04	07	\$54,526.00	Bring Present Budget up to \$197,197 from \$142,671: Increase Contracts
					to service equipment
0004	ALL	04	07	-\$49,000.00	Bring Present Budget down from \$71,257 to \$22,357: Recognizing a
					shift of equipment servicing to contracted work
0007	ALL	06	04	-\$1,485.00	Bring Present Budget down from \$5,385 to \$3,900:
0017	ALL	04	07	\$15,033.00	Equipment Non-Instructional
0018	ALL	07	04	\$15,672.00	STNC (1X)
0021	ALL	04	07	\$125,000.00	Supplies
0022	ALL	06	04	\$995.00	Travel
0023	ALL	06	06	\$265.00	Student Travel
0029	ALL	04	07	\$24,095.00	Equipment Repair
0030	ALL	04	07	\$100.00	Contracts
0031	ALL	04	06	\$805.00	Equipment 1x over \$500
0032	ALL	04	07	\$20,721.00	Supplies

## 2.2a Current Classifed Positions

Position	Hr/Wk	Mo/Yr	Job Duties
Automotive/Equipment Mechanic	40.00	12.00	Under general supervision, perform master journey-level work in the diagnostic, overhaul, adjustment, repair and maintenance of campus vehicles and equipment; complete metal fabrication and repairs as needed; act as lead worker to other classified staff in the area; and perform related work as required.
HVAC and Controls Technician	40.00	12.00	Under general supervision, perform master journey-level work in the repair, maintenance, service, modification, troubleshooting, inspection and monitoring of the operation of heating, ventilating, air conditioning and refrigeration equipment and associated plumbing, electrical, mechanical, EMS (EnergyManagement Control System) and controls systems. act as lead worker to other classified staff in the area; and perform related work as required.
HVAC and Controls Technician	40.00	12.00	Under general supervision, perform master journey-level work in the repair, maintenance, service, modification, troubleshooting, inspection and monitoring of the operation of heating, ventilating, air conditioning and refrigeration equipment and associated plumbing, electrical, mechanical, EMS (EnergyManagement Control System) and controls systems. act as lead worker to other classified staff in the area; and perform related work as required.
Locksmith	40.00	12.00	Under general supervision, perform master journey-level work in the installation, repair, remodel and maintenance ofmanual and automated locks, locking systems and security devices; computerized access control systems; dooropeners, closers, and hardware.
Plumber Fitter	40.00	12.00	Under general supervision, perform master journey- level work in the installation, maintenance, inspection,modification, remodel and repair of mechanical plumbing equipment and fixtures for water, gas, oil,steam, sewage, fire sprinkler/prevention, and refrigeration-related plumbing systems; act as lead workerto other classified staff in the area; and perform related work as required
Plumber Fitter	40.00	12.00	Under general supervision, perform master journey- level work in the installation, maintenance, inspection,modification, remodel and repair of mechanical plumbing equipment and fixtures for water, gas, oil,steam, sewage, fire sprinkler/prevention, and refrigeration-related

			plumbing systems; act as lead workerto other classified staff in the area; and perform related work as required
Building Maintenance Generalist	40.00	12.00	Under general supervision, perform journey level work in the repair and maintenance of related facilities; may serve as lead worker to other classified staff in the area; and perform related work as required.
Energy Management Technician	40.00	12.00	Under general supervision, design, monitor, maintain and upgrade the software applications and communications peripherals of the Energy Management System; ensure efficient operation and integrity of the Energy Management System; provide training and support to users; dispatch the work of skilledmaintenance workers; and perform related work as required.
Carpenter	40.00	12.00	Under general supervision, perform journey-level work in the design, construction, repair andmaintenance of structures and related physical facilities; act as lead worker to other classified staff in the area; and perform related work as required.
Carpenter	40.00	12.00	Under general supervision, perform journey-level work in the design, construction, repair andmaintenance of structures and related physical facilities; act as lead worker to other classified staff in the area; and perform related work as required.
Electrician	40.00	12.00	Under general supervision, perform journey-level work in the design, installation, construction,modification, repair and maintenance of electrical apparatuses, equipment and systems; act as leadworker to other classified staff in the area; and perform related work as required
Electrician	40.00	12.00	Under general supervision, perform journey-level work in the design, installation, construction,modification, repair and maintenance of electrical apparatuses, equipment and systems; act as leadworker to other classified staff in the area; and perform related work as required
Administrative Assistant III	40.00	12.00	Under general supervision, perform master journey-level work in the diagnostic, overhaul, adjustment, repair and maintenance of campus vehicles and equipment; complete metal fabrication and repairs as needed; act as lead worker to other classified staff in the area; and perform related work as required.
Automotive/Equipment Mechanic	40.00	12.00	Under general supervision, perform master journey-level work in the diagnostic, overhaul, adjustment, repair and maintenance of campus vehicles and equipment; complete metal fabrication and repairs as needed; act as lead worker to other classified staff in the area; and perform related work as required.
Administrative Assistant I	40.00	12.00	Under general supervision, sole responsibility is use of facilities permitting software application and back up support to Admin.Asst III.

# 2.2b Current Management/Confidential Positions

Position	Hr/Wk	Mo/Yr	Job Duties
Manager, Grounds & Recyling	40.00	12.00	Under direction, plans, organizes, coordinates,
			implements, and supervises all work and
			beautification of
			college grounds; plans and conducts training for
			grounds personnel; conducts and participates in
			research
			projects involving campus grounds; oversees
			campus Oak Tree Care and Maintenance Program,
			Campus
			Recycling Program; manages various contracts
			related to Grounds Maintenance; and does related
			work as
			assigned.

Manager, Custodial Services	40.00	12.00	Under direction, organizes, coordinates and directs the work of custodial staff; coordinates District event set-up; develops and monitors departmental budgets; establishes and maintains hazardous materials records; trains, instructs and evaluates custodial staff; and does related work as required.
Supervisor, Custodial Services	40.00	12.00	Under direction, organizes, coordinates and directs the work of custodial staff on the evening shift; functions in the position of the Manager in the absence of the Manager, Custodial Services and does related work as required.
Manager, Building & Equipment Maintenance	40.00	12.00	1.0 FTE This position has been vacant for 8 years and has cost the District in the such areas as, maintenance and operations coverage, field staff supervision, customer service and regulatory compliance.

### 2.2c Current STNC/Student Worker Positions

Position	Hr/Wk	Mo/Yr	Job Duties
STNC- Pool Technician	25.00	5.00	Maintain and operate pool equipment for the Quinn
			Swim Center & Facilities.
STNC - Locksmith Assitant	25.00	12.00	Aid the present locksmith in ongoing service
			requests and annual repairs. Re-keying the master
			key set for the SR campus.
STNC - Auto Mechanic for EOC Mobile Unit	25.00	4.00	Installation of EOC equipment for the new mobile
			incident command vehicle for Fac Ops.

## 2.2d Adequacy and Effectiveness of Staffing

## 2.2e Classified, STNC, Management Staffing Requests

Rank	Location	SP	M	Current Title	Proposed Title	Type
0001	ALL	00	00	Interim Mgr Bldg Equip	Mgr Bldg Equip Maintenance	Management
				Maintenance	(replacement)	
0001	ALL	00	00	NEED HVAC Technician	HVAC Technician (Petaluma	Classified
				(Petaluma PSTC Shone)	PSTC Shone)	
0003	ALL	00	00	Pool Technician (STNC)	Pool Technician	Classified
0005	ALL	00	00	Locksmith (STNC)	Locksmith	Classified

## 2.3a Current Contract Faculty Positions

Position Description	
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### 2.3b Full-Time and Part-Time Ratios

Discipline	FTEF	% Reg	FTEF	% Adj	Description
	Reg	Load	Adj	Load	

### 2.3c Faculty Within Retirement Range

N/A

2.3d Analysis of Faculty Staffing Needs and Rationale to Support Requests

N/A

### 2.3e Faculty Staffing Requests

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F	Rank	Location	SP	M	Discipline	SLO Assessment Rationale

2.4b Rationale for Instructional and Non-Instructional Equipment, Technology, and Software

## 2.4c Instructional Equipment and Software Requests

Rank	Location	SP	M	Item Description	Qty	Cost Each	Total Cost	Requestor	Room/Space	Contact

### 2.4d Non-Instructional Equipment, Software, and Technology Requests

]	Rank	Location	SP	M	Item Description	Qty	Cost Each	Total Cost	Requestor	Room/Space	Contact
	0003	ALL	00	00	Staff Vehicles (Plumber)	3	\$21,000.00	\$63,000.00	Paul Bielen		Paul Bielen
	0004	ALL	00	00	Portable Compressor with 120 PSI Graffitti Removal		\$13,500.00	\$13,500.00	Paul Bielen		Paul Bielen
	0005	ALL	00	00	Portable Emergency Generator	3	\$13,000.00	\$39,000.00	Paul Bielen		Paul Bielen

# 2.5a Minor Facilities Requests

Rank	Location	SP	M	Time Frame	Building	Room Number	Est. Cost	Description
0000	Other	00	00	Unknown			\$0.00	

# 2.5b Analysis of Existing Facilities

SR	Race	Carpet Replacement	nt	PRPF	P	Inf	ormal	Measure HBT Mancini	Santa Rosa	\$3,
		in Resource Room, Race Building								
SR	Emeritus	Emeritus Cooling Tower and Switch Gear		Capita	al	C	CUP	Measure HPeterson Mechanical	Sonoma	\$179
SR	Maggini	Replace worn carpoin offices and common areas 1st, 2nd, and 3rd floor Maggini		PRPF	0	Info	ormal	Measure HJB Jordan	Santa Rosa	\$38
SR/P et	Various	Demonstration Lighting Classrooms	E and S		Mea re	Н		Mcdonnell Electric	Santa Rosa	\$40
SR	Call Child Develop ment	Call Child Care LED Troffer Project	E and S	CUP	Pro 39/			Lunardi Electric	Sebastopol	\$100
PST C	Various	PSTC LED lighting controls		E and	S	Info	ormal	Prop. 39/ y4O'Rourke Electric	Santa Rosa	\$44
Pet	Site Utility	Underground Pipin	g	Capita	al	Info	ormal	Sch Mnt Matrix	Novato	\$390
SR	Maggini	Maggini Water Intrusion and Roof Repair		Capita	al	D	OBB	Measure HCWS Construction	Novato	\$1,59
SWC	Various	Southwest Santa Rosa Center		Capita	al	Info	ormal	Measure HED Builders	Sebastopol	\$100
SR	Plover Hall	Plover Swing Spac	е	Capita	al	C	CUP	Measure HED Builders	Sebastopol	\$250
SR	Garcia	Mi Casa to Garcia Hall		Capita	al	Info	ormal	Measure HVarious	Various	\$200
SR	Site Utility	SR Parking Lot lights	E and S	Infor mal	Pro 39/			Lunardi Electric	Sebastopol	\$70
SR	Race	Remodel of existing darkroom; Race dental dark room 4032		PRPF	0	Info	ormal	Measure HED Builders	Sebastopol	\$25
SR		Pedroncelli, Tauzei and Lark roof repai		Capita	al	Info	ormal	Measure HDan George Roofing	Petaluma	\$15
SR	Analy Hall	Analy Hall Roof Repairs		Capita	al	Info	ormal	Measure HWestec Roofing	TBD	\$5,
SR	Plover Hall	Repair Wall Coveri Rm 540A	ng	Capita	al	Info	ormal	Measure HCarrs Const	TBD	\$4,
SR	Bertolini/ Brudo	Bertolini/Burdo Submeter EMS Tie in	E and S	Infor mal	Mea re			Syserco	San Leandro	\$15

SR	437 Elliott	Replace Fence at 4 Elliott	37	Capita	al	Informal	Measure HTri City Fence	Vallejo	\$3,
SR	Baker	Add Door Room 18	76	Capita	al	Informal	Measure HCarrs Const	TBD	\$4,
SR	Site Utility	Maintenance Facilit Quinn Lark Transformer and Switch Replacemer		Capit		DBB	Sch MntLunardi	Sebastopol	\$300
Pet	Site Utility	Upgrade Petaluma Campus EMS		Capita	al	DBB	Prop 39Syserco	San Leandro	\$100
SR	Bailey Hall	Bailey Phase 2 HVA Replacement	AC	Capita	al	DBB	Sch MntMatrix	Novato	\$900
SR	Race, Baker Call Child Dev.	Race, Baker and Ca Child Care Boiler Replacement	all	Capita	al	DBB	Prop 39 Matrix	Novato	\$360
SR	Bussma n	Bussman Makers Space		Capit	al	Informal	Measure HVarious	Various	\$200
SR	Bailey Hall	Payroll from Button Bailey	to	Capit	al	Informal	Measure HVarious	Various	\$300
SR	Lark	Lark Exterior LED retrofit	E and S	Infor mal	Meas re H	I	Self Install	SRJC	\$3,
SR	705 Elliott	705 Elliott Ave Renovations		Capita	al	Informal	Measure HVarious	Various	\$40
SR	Plover Hall	Veterans Space Configuration		Capita	al	DBB	Measure HCarr Construction	Santa Rosa	\$350
SR	Site Utility	Arc Flash Study	Cap tal	Form al	Meas re H		Lowellyn	TBD	\$150
Dist	Various	EV Charging Station	ns	E and	S	DBB	Measure HREJ Electric	Alameda	\$272
PST C	Various	PSTC LED Phase 2	2	Capita	al	Informal	Prop. 39/ y4TBD	TBD	\$80
SR	Pioneer	Pioneer DRD Lobby Remodel	/	Capita	al	Informal	Measure HTBD	TBD	\$9,
SR	Garcia	Display window in Garcia Hall to exchange Plexiglas for tempered glass	S	PRPI	P	Informal	Measure HVarious	NA	\$8,
SR	425, 437 Elliott	Installation of wheelchair ramps a 425 Elliott, 437 Ellio		Capita	al	Informal	Measure HTBD	TBD	\$15
SR	Various	Minor Infrastructure Repairs	-	Capita	al	Informal	Measure HVarious	NA	\$50
SR	Button	HR Furniture Replacement		Capita	al	Informal	Measure HDovetail	NA	\$115
Pet	Bldg 200/600	Petaluma Whiteboards		Capita	al	Informal	Measure HED Builders	TBD	\$5,

00							
SR	Various	Minor Maint & Repair FF&E	Capital	Informal	Measure HChipman	NA	\$5,
SR	707 Elliott	707 Elliott Ave Renovations	Capital	Informal	Measure HCWS	TBD	\$15
SR	Button	Professional Development to Button	Capital	DBB	Measure HTBD	TBD	\$110
SR	Bech Lot	Bech Lot Temp Classrooms (ELS) for English Language School	Capital	DBB	Measure HTBD	TBD	\$900
SR	Forsyth	Forsyth - Replace severely worn and discolored carpeting, VCT, and paint walls and lockers	PRPP	Informal	Measure HTBD	TBD	\$70
Pet	Bldg 600	Petaluma Bldg. 600 Server Rm AC	Capital	DBB	Measure HTBD	TBD	\$200
SR	Analy Village	Analy Village Expansion	Capital	DBB	Measure HTBD	TBD	\$500
SR	Lounibo s	Diesel Lab	Capital	Informal	Measure HMisc		\$30
SR	Bailey	Purchasing Furniture	Capital	Informal	Measure HKI	NA	\$54
SR	525 Elliott	Elliott Swing Space Demolition	PRPP	CUP	Measure HTBD	TBD	\$120
Shon	Shone	Shone Farm	Capital	DBB	Measure HTBD	TBD	\$550
e Farm	Farm	Photovoltaic Installation					
е		Photovoltaic	Capital	Gov. 4217	Measure H/ Energy&SusTBD	TBD	\$15,00
e Farm SR/P	Farm Site	Photovoltaic Installation				TBD	\$15,00
e Farm SR/P et PST	Site Utility Site	Photovoltaic Installation Solar System PSTC Pavement	Capital	Gov. 4217	Energy&SusTBD		\$15,00
e Farm SR/P et PST C	Site Utility Site Utility CCDC	Photovoltaic Installation Solar System PSTC Pavement Rehabilitation Replace fence in the	Capital  Capital	Gov. 4217 DBB	Energy&SusTBD Measure HTBD	TBD	\$15,00 \$300
e Farm SR/P et PST C SR	Site Utility Site Utility CCDC Lounibu s	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation Replace fence in the Children's Center Enclose CNC room and expand east wall	Capital Capital PRPP	Gov. 4217  DBB  Informal	Energy&SusTBD  Measure HTBD  Measure HTBD	TBD	\$15,00 \$300 \$15
e Farm SR/P et PST C SR SR	Site Utility Site Utility CCDC Lounibu s Various	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation  Replace fence in the Children's Center  Enclose CNC room and expand east wall out at Lounibos 2330	Capital Capital PRPP	Gov. 4217  DBB  Informal  CUP	Energy&SusTBD  Measure HTBD  Measure HTBD  Measure HTBD	TBD TBD TBD	\$15,00 \$300 \$15 \$30
e Farm SR/P et PST C SR SR	Site Utility Site Utility CCDC Lounibu s Various	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation  Replace fence in the Children's Center  Enclose CNC room and expand east wall out at Lounibos 2330 EH&S Equipment  Emeritus Roof (On	Capital Capital PRPP PRPP Capital	Gov. 4217  DBB  Informal  CUP  Informal	Energy&SusTBD  Measure HTBD  Measure HTBD  Measure HTBD	TBD TBD TBD	\$15,00 \$300 \$15 \$30 \$50
e Farm SR/P et PST C SR SR	Farm Site Utility Site Utility CCDC Lounibu s Various Emeritus Lounibo	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation  Replace fence in the Children's Center  Enclose CNC room and expand east wall out at Lounibos 2330 EH&S Equipment  Emeritus Roof (On Hold) Lounibos Roof Repair	Capital Capital PRPP PRPP Capital Capital	Gov. 4217  DBB  Informal  CUP  Informal  DBB	Energy&SusTBD  Measure HTBD  Measure HTBD  Measure HTBD  Sch/Mnt TBD	TBD TBD TBD TBD	\$15,00 \$300 \$15 \$30 \$50 \$1,11
e Farm SR/P et PST C SR SR SR	Site Utility Site Utility CCDC Lounibu s Various Emeritus Lounibo s	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation Replace fence in the Children's Center  Enclose CNC room and expand east wall out at Lounibos 2330 EH&S Equipment  Emeritus Roof (On Hold)  Lounibos Roof Repair (On Hold)  Baker Roof	Capital Capital PRPP PRPP Capital Capital Capital	Gov. 4217  DBB  Informal  CUP  Informal  DBB  DBB	Energy&SusTBD  Measure HTBD  Measure HTBD  Measure HTBD  Sch/Mnt TBD  Sch/Mnt TBD	TBD TBD TBD TBD TBD TBD	\$15,00 \$300 \$15 \$30 \$50 \$1,11 \$1,10
e Farm SR/P et PST C SR SR SR SR	Site Utility Site Utility CCDC Lounibu s Various Emeritus Lounibo s Baker	Photovoltaic Installation Solar System  PSTC Pavement Rehabilitation Replace fence in the Children's Center Enclose CNC room and expand east wall out at Lounibos 2330 EH&S Equipment  Emeritus Roof (On Hold) Lounibos Roof Repair (On Hold) Baker Roof Replacement HVAC upgrade for	Capital Capital PRPP PRPP Capital Capital Capital Capital	Gov. 4217  DBB  Informal  CUP  Informal  DBB  DBB  DBB	Energy&SusTBD  Measure HTBD  Measure HTBD  Measure HTBD  Sch/Mnt TBD  Sch/Mnt TBD  Sch/Mnt TBD	TBD TBD TBD TBD TBD TBD TBD	\$15,00 \$300 \$15 \$30 \$50 \$1,11 \$1,10

SR	Lark	Lark Roof Repair at Planetarium	İ	Capita	al	CUP	Sch/Mnt TBD	TBD	\$72
SR	Analy Village	Analy Village Roof and Rain Gutter Repairs		Capita	al	CUP	Sch/Mnt TBD	TBD	\$230
SR	Forsyth	Forsyth HVAC and Roof Repair		Capita	al	DBB	Sch/Mnt TBD	TBD	\$1,00
SR	Quinn	Demo CoGen Plant	:	Capita	al	Informal	Measure HTBD	TBD	\$45
SR	Quinn	Quinn Showers		Capita	al	DBB	Measure ATBD	TBD	\$300
SR	Plover Hall	Dream Center (Hold	d)	`		DBB	Measure HTBD	TBD	\$600
SR	Site Utility	Water Reclamation Project/Lounibos W		Capita	al	DBB	Measure HTBD	TBD	\$1,20
SR	Lounibu s	Lounibos AC Replacement/Upgra e	ad	Capita	al	CUP	Prop 39 TBD	TBD	\$200
SR	Lark	Lark Temps		Capit	al	DBB	Measure HTBD	TBD	\$1,00
SR	Bussma n	Bussman Roof Tile		Capita	al	DBB	Sch/Mnt TBD	TBD	\$400
SR	Haehl	Haehl Roof Repair		Capita	al	DBB	Sch/Mnt TBD	TBD	\$300
Pet	Bldg 100	Bldg. 100 Roof Rep	air	Capita	al	DBB	Sch/Mnt TBD	TBD	\$300
PST C	Bldg 500	Bldg. 500 Roof Rep	air	Capita	al	DBB	Sch/Mnt TBD	TBD	\$500
SR	Emeritus	Newman Hall LED Lighting Project	Cap tal	infor mal	Meas re H Energ	/ 3y	TBD	TBD	\$45
SR	Emeritus	Emeritus ZNE Pilot Program	Cap tal	oi NA	Meas re H Energ	su / gy	TBD	TBD	\$
Shon e Farm	Shone Farm	Shone Farm Interior Lighting	Cap tal	i Infor mal	Meas re H Energ	su / gy	TBD	TBD	\$50
Shon e Farm	Shone Farm	Shone Farm Exterior Lighting Project	Cap tal	i Infor mal	Meas re H Energ &Sus	su / gy	TBD	TBD	\$50
PST C	Various	PSTC Energy management System	E and S		Prop 39/ y	) <u>.</u>	TBD	TBD	\$215
SR	Doyle RCx	Doyle RCx		E and	SG	ov. 4217	Prop.39/ Measure HTBD	TBD	unkr
SR	Bertolini	Additional Office/Workspace		PRPI	Р	CUP	Measure HTBD	TBD	\$
							•		

						ı		
		Needed, Student Services Office						
SR	Site Utility	Geothermal Condensing Loop (Burbank,Analy,Forsy h,Garcia)	Capi	tal	DBB	Measure H/ Energy&SusTBD	TBD	\$5,00
SR	Site Utility	SCJCD Submetering Project	Capi	tal	DBB	Measure H/ Energy&SusTBD	TBD	\$1,50
SR	Site Utility	SCJCD LED Upgrade			DBB	Measure H/ Energy&SusTBD	TBD	\$2,00
SR	Bussma n	Energy Project ta	api Form al al	Phas 2 IT	Γ	TBD	TBD	\$500
SR	Analy Hall	Analy Hall Roof Replacement	Capi	tal	DBB	Measure HTBD	TBD	\$750
SR	Tauzer	Tauzer Roof Replacement	Capi	tal	DBB	Measure HTBD	TBD	\$400
SR	Pioneer	Pioneer Roof	Capi	tal	DBB	Measure HTBD	TBD	\$400
SR	Site Utility	Bech Lot Transformer and Switch	Capi	tal	Informal	Measure HTBD	TBD	\$200
SR	Various	A/V Upgrades to Classrooms and Meeting Rooms	Capi	tal	DBB	Measure HTBD	TBD	\$1,00
SWC	Various	A/V Upgrades to Classrooms and Meeting Rooms	Capi	tal	DBB	Measure HTBD	TBD	\$30
SR	Doyle	Digital Media Suites	Capi	tal	DBB	Measure HTBD	TBD	\$500
SR	Emeritus	Newman Auditorium AV Upgrades	Capi	tal	DBB	Measure HTBD	TBD	\$300
Pet	Mahone y	Library Revitalization	Capi	tal	DBB	Measure HTBD	TBD	\$300
SR	Various		api Form al al	Meas re F Ener	l/ gy	TBD	TBD	\$1,30
SR	Site Utility	Digital Marquee Sign	Capi	tal	DBB	Measure HTBD	TBD	\$1,00
SR	Quinn	Quinn Central Plant Replacement	Capi	tal	DBB	Measure H/ Energy&SusTBD	TBD	\$5,00
Pet	Site Utility	SRJC Student Operated Educational Garden	Capi	tal	CUP	Measure HTBD	TBD	\$50
Pet	Site Utility	Permaculture	Capi	tal	CUP	Measure HTBD	TBD	\$50
Pet		Deleted	Capi	tal	CUP	Sch/Mnt		
SR	Zumwalt	Bell Tower Lighting	Capi	tal	DBB	Measure HTBD	TBD	\$50
		1						-

SR	Lounibu s	Lounibos A/C Rm 2347	Capital	CUP	Measure HTBD	TBD	\$50
SR	Site Utility	Mendocino Cross Walk Upgrade	Capital	CUP	Measure HTBD	TBD	\$25
SR	Various	OCR Rest Room Repairs	Capital	CUP	Measure HTBD	TBD	\$100
Shon e Farm	Various	Year 4 Exterior LED Project	Capital	DBB	Prop 39 TBD	TBD	\$200
PST C	Various	EMS Upgrade	Capital	DBB	Prop 39TBD	TBD	\$200
SR	Site Utility	Sewer Line Survey	Capital	CUP	Measure HTBD	TBD	\$50
SR	Site Utility	Fountain Restoration	Capital	CUP	Measure HTBD	TBD	\$5,
SR	TBD	DRD Testing Relocation	Capital	CUP	Measure HTBD	TBD	\$150
Pet	Site Utility	New Greenhouse	Capital	CUP	Measure HTBD	TBD	\$50
Pet	Various	Install Variable Frequency Drives on Bldg. 400 Air Handling Units Re-bid	Capital	DBB	Prop 39TBD	TBD	\$24
SR	Various	Install Variable Frequency Drives on Various Air Handling Units Re-bid	Capital	DBB	Prop 39TBD	TBD	\$164
SR	Various	OCR Drinking Fountain Repairs	Capital	CUP	Measure HTBD	TBD	\$100
SR	Various	OCR Path of Travel Repairs	Capital	CUP	Measure HTBD	TBD	\$100
SR	Various	OCR Signage Repairs	Capital	CUP	Measure HTBD	TBD	\$100
SR	Emeritus	OCR Newman Auditorium Access	Capital	CUP	Measure HTBD	TBD	\$100
SR	Lark	OCR Lark ADA Desk/Tables	Capital	CUP	Measure HTBD	TBD	\$100
SR	Lark	OCR Lark Pit Access	Capital	CUP	Measure HTBD	TBD	\$100
SR	Tauzer	OCR Tauzer Elevator	Capital	CUP	Measure HTBD	TBD	\$
SR	Shone Farm	Shone Farm Stand 1700 Mendocino	Capital	CUP	Measure HTBD	TBD	\$20
SR	Various	Elevator Upgrades	Capital	CUP	Measure HTBD	TBD	\$450
SR	Plover Hall	Plover Sound Proofing	PRPP	CUP	Measure HTBD	TBD	\$

SR	Pioneer	Hot Water for Pioneer Hall Staff Bathrooms, DSPS	PRPP	CUP	Measure HTBD	TBD	\$3,
SR		Deleted	PRPP	CUP	Measure H		
SR	Bertolini	Expansion of EOPS- CAFYES	PRPP	CUP	Measure HTBD	TBD	\$30
SR	Bertolini	Installation of Theater Style Curtains in Bertolini	PRPP	CUP	Measure HTBD	TBD	\$7
SR	Plover Hall	Venting Solution Assessment, Plover Hall	PRPP	CUP	Measure HTBD	TBD	\$
SR	TBD	Dedicated Space for SR Puente Program	PRPP	CUP	Measure HTBD	TBD	\$
SR	Bertolini	Socket Replacement in Bertolini	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Bertolini	Light Ballast Replacement in Bertolini	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Bertolini	Salad Bar Replacement/Redesig n in Bertolini	PRPP	CUP	Measure HTBD	TBD	\$5,
SR	Bertolini	Outlet Addition to West Wall of Bertolini	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Plover Hall	Installation of Projection Screen, Plover Hall	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Plover Hall	Plover Retrofit	PRPP	CUP	Measure HTBD	TBD	\$6,
SR	Race	Installation of Electrical Support, Race Building	PRPP	CUP	Measure HTBD	TBD	\$1,
SR	TBD	New Office Location for Dean, Student Success, Equity and Retention	PRPP	CUP	Measure HTBD	TBD	\$
SR	Bertolini	Partitian Addition, Bertolini 3rd Floor	PRPP	CUP	Measure HTBD	TBD	\$4,

SR		Electric Entry Door Addition, Plover Hall	PRPP	CUP	Measure HTBD	TBD	\$4,
Pet	1	Testing Environment Assessment, Jacob Hall	PRPP	CUP	Measure HTBD	TBD	\$
Pet	1	Dedicated Space for PC Puente Program	PRPP	CUP	Measure HTBD	TBD	\$
SR	Hall	Installation of Exit Door w/Panic Bar, Plover Hall	PRPP	CUP	Measure HTBD	TBD	\$10
Pet	Bldg 100	Leak Repair Building 100 Above PC13	PRPP	CUP	Measure HTBD	TBD	\$5,
Pet		Leak Test at Clock Tower	PRPP	CUP	Measure HTBD	TBD	\$3,
Pet		Leak Inspection and Repair at Call Building	PRPP	CUP	Measure HTBD	TBD	\$3,
Pet		Floor Replacement and Slab Repair	PRPP	CUP	Measure HTBD	TBD	\$20
Pet		Cooling System Review and Upgrade, PC634	PRPP	CUP	Measure HTBD	TBD	\$40
Pet	TBD	Additional Lighting to be Installed in Reading Room	PRPP	CUP	Measure HTBD	TBD	\$15
Pet	Bldg 700	Installation of Window Shades Needed, Maoney Library	PRPP	CUP	Measure HTBD	TBD	\$3,
Pet	Bldg 700	Ventilation Assessment for 700 Mahoney Library	PRPP	CUP	Measure HTBD	TBD	\$
Pet	Bldg 100	Assessment Signage, PC127	PRPP	CUP	Measure HTBD	TBD	\$7
Pet	Utility	Our House Large Sign in Front, Clock Tower Quad	PRPP	CUP	Measure HTBD	TBD	\$12
Pet	Bldg	Replace Carpet w/Linoleum, PC1101	PRPP	CUP	Measure HTBD	TBD	\$15
Pet		Additional Storage and Sink, PC1101	PRPP	CUP	Measure HTBD	TBD	\$15
Pet	Bldg 200	New Carpet, PC229	PRPP	CUP	Measure HTBD	TBD	\$2,
Pet	Bldg 200	New Carpet, PC230	PRPP	CUP	Measure HTBD	TBD	\$2,
Pet		Addition of Student Seating in Waiting Area, Counseling	PRPP	CUP	Measure HTBD	TBD	\$12

Pet	Bldg 200	Sink Installation, PC227	PRPP	CUP	Measure HTBD	TBD	\$25
Pet	Bldg 600	Installation Automatic Door Actuator, PC631	PRPP	CUP	Measure HTBD	TBD	\$7,
Pet	Bldg 700	Temp. and Humidity Control, PC717- Archive Room	PRPP	CUP	Measure HTBD	TBD	\$15
Pet	Bldg 700	Install C-Cure Exterior Entrance Card Reader, PC712-2	PRPP	CUP	Measure HTBD	TBD	\$5,
Pet	Bldg 300	Install C-Cure Exterior Entrance Card Reader, PC310c- 2/310c-2/311-2	PRPP	CUP	Measure HTBD	TBD	\$15
Pet	Bldg 200	Install Card Reader Access, Counseling	PRPP	CUP	Measure HTBD	TBD	\$4,
Pet	Bldg 600	Noise Abatement, PC667, 671, 680, 683	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lark	Repurpose Lark Hall Ag Student Lounge	PRPP	CUP	Measure HTBD	TBD	\$25
SR/P et	TBD	Space needed for Ag/NRM Dean Office	PRPP	CUP	Measure HTBD	TBD	\$
SR/P et	TBD	Amphitheater classroom for wine teaching and sensory analysis	PRPP	CUP	Measure HTBD	TBD	\$
SR/P et	TBD	Wine teaching lab	PRPP	CUP	Measure HTBD	TBD	\$
Shon e Farm	Shone Farm	SUSAG Shed	PRPP	CUP	Measure HTBD	TBD	\$3,
SR	TBD	Remodel central supply	PRPP	CUP	Measure HTBD	TBD	\$50
SR	Lark	Repair to Lark Greenhouse	PRPP	CUP	Measure HTBD	TBD	\$1,
Shon e Farm	TBD	Evaluate location for Wine evaluation lab	PRPP	CUP	Measure HTBD	TBD	\$150
SR	TBD	Construction of veterinary clinic and lab	PRPP	CUP	Measure HTBD	TBD	\$300
Shon e Farm	TBD	Establish leadership retreat area	PRPP	CUP	Measure HTBD	TBD	\$50
SR	Lark	Enlarge access area to central supply and classrooms for loading/unloading and	PRPP	CUP	Measure HTBD	TBD	\$100

							_
		for outside storage at Lark Hall				T	
SR	Lark	Resurface concrete floor at Lark Greenhouse	PRPP	CUP	Measure HTBD	TBD	\$54
SR	Garcia	Renovation of Garcia Hall room 835, 855, & 875	PRPP	CUP	Measure HTBD	TBD	\$100
SR	Burdo	Installation of power outlets in patio area of Burdo Culinary Arts Center	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Reinstallation of floor drain in Burdo teaching kitchen #1	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Burdo ice cream/chocolate room	PRPP	CUP	Measure HTBD	TBD	\$50
SR	Burdo	Installation of dryer vent in Burdo laundry room	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Installation of door in Burdo office workroom	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Installation of osmosis water filtration system for Burdo	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Lighting for the outside patio of Burdo	PRPP	CUP	Measure HTBD	TBD	\$
SR	Burdo	Screening for the window to the outside at Burdo 4912	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lark	Installation of new roof for Lark Hall Greenhouse	PRPP	CUP	Measure HTBD	TBD	\$60
Shon e Farm	Shone Farm	Enclosed space w/roof for various winery needs.	PRPP	CUP	Measure HTBD	TBD	\$60
Shon e Farm	Shone Farm	Installation of fencing and covered area at winery	PRPP	CUP	Measure HTBD	TBD	\$1,50
Shon e Farm	Shone Farm	Installation of fencing of open pasture	PRPP	CUP	Measure HTBD	TBD	\$20

Shon e Farm	Shone Farm	Storage unit needed for small tools and equipment	PRPP	CUP	Measure HTBD	TBD	\$30
Shon e Farm	Shone Farm	Build coed student dormitory	PRPP	CUP	Measure HTBD	TBD	\$1,00
SR	Analy Hall	Installation of full spectrum color balanced LED lightbulbs for all of Analy Hall	PRPP	CUP	Measure HTBD	TBD	
SR	Analy Hall	Installation of A/C in all of Analy Hall	PRPP	CUP	Measure HTBD	TBD	\$800
SR	Analy Hall	Remodel of all restrooms in Analy Hall	PRPP	CUP	Measure HTBD	TBD	\$300
SR	Analy Hall	Installation of retractable motorized sunshades mapping the width of the sculpture yard Analy Hall 760	PRPP	CUP	Measure HTBD	TBD	\$3,
SR	Analy Hall	Repair/remodel ceramics studio floor Analy Hall 718	PRPP	CUP	Measure HTBD	TBD	\$100
SR/P et	Analy Hall	Analy Hall 714, 750, 740, 790, and ceramics studio sink drainage	PRPP	CUP	Measure HTBD	TBD	\$20
SR	Analy Hall	Construction of 6 new wood drawing horses in Analy Hall 714 and 740	PRPP	CUP	Measure HTBD	TBD	\$6

SR	Analy Hall	Replacement of sheetrock in Analy 714	PRPP	CUP	Measure HTBD	TBD	\$5,
SR	Analy Hall	Black-out window covering for the west-facing window above the sink in the Painting prep room 712.	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Analy Hall	Waterproof exterior storage for plaster in Analy Hall 760	PRPP	CUP	Measure HTBD	TBD	\$2,
SR	Analy Hall	Painting of studio spaces and fi spaces in Analy Hall	PRPP	CUP	Measure HTBD	TBD	\$
SR	Garcia	Relocate floor outlets in Garcia Hall 885	PRPP	CUP	Measure HTBD	TBD	\$1,
SR	Forsyth	Upgrade of Forsyth furniture, displays, etc.	PRPP	CUP	Measure HTBD	TBD	\$450
SR	Forsyth	Install sound baffles in the percussion studio (room 122) Forsyth	PRPP	CUP	Measure HTBD	TBD	\$
SR	Forsyth	Provide a secure entrance into the Choral Library from the outside Forsyth 105A	PRPP	CUP	Measure HTBD	TBD	\$
SR	Forsyth	Remodel Music administration office, instructional offices, and the student media library, Forsyth 130	PRPP	CUP	Measure HTBD	TBD	\$
SR	Forsyth		PRPP	CUP	Measure HTBD	TBD	\$

SR	Forsyth	Installation of retractable stage curtain Forsyth 105	PRPP	CUP	Measure HTBD	TBD	\$
SR	Forsyth	Improved track lighting Forsyth 105	PRPP	CUP	Measure HTBD	TBD	\$
SR	Emeritus	New clock needed Emeritus 1518	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lounibu s	Installation of temperature control Lounibos 2347 and 2330	PRPP	CUP	Measure HTBD	TBD	\$45
SR	Maggini	Installation of ceiling- mount HD projector and screen (as requested in 2.4c) in Maggini room 2920.	PRPP	CUP	Measure HTBD	TBD	\$7,
SR	Garcia	Remodel/upgrade of Garcia Hall	PRPP	CUP	Measure HTBD	TBD	\$
Shon e Farm	Shone Farm	Build diesel repair shop	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lounibu s	Repair/replace shed in front of Lounibos 2330	PRPP	CUP	Measure HTBD	TBD	\$10
SR	Lounibu s	Temperature control Lounibos 2330 in machine shop	PRPP	CUP	Measure HTBD	TBD	\$45
SR	Lounibu s	Create a new classroom by removing the wall separating the grinding and storage rooms Lounibos 2330	PRPP	CUP	Measure HTBD	TBD	\$10
SR	Lounibu s	Installation of weather proof storage area Lounibos	PRPP	CUP	Measure HTBD	TBD	\$9,
SR	Lounibu s	Additional lighting for 12 welding stations Lounibos 2395	PRPP	CUP	Measure H/ Energy&SusTBD	TBD	\$32
SR	CCDC	Painting of the interior and exterior of the	PRPP	CUP	Measure HTBD	TBD	\$15

		Call Child		I	I		
		Call Child Development Center					
SR	CCDC	Artificial grass needed to replace mud/real grass at Call Children's Center	PRPP	CUP	Measure HTBD	TBD	\$10
SR	Bailey Hall	Wall mounted TV (already purchased) to use in conference room Bailey Hall 1330	PRPP	CUP	Measure HTBD	TBD	\$1
SR	Maggini	Large screen monitor for back of class/lab so students can see what's on the screen, Maggini Hall 2920	PRPP	CUP	Measure HTBD	TBD	\$
SR	TBD	Addition of skills lab in Emeritus or Race	PRPP	CUP	Measure HTBD	TBD	\$
SR	Tauzer	Install Air Conditioning/replace all windows(vital in951,958)-health and safety. Tauzer 905, 951, 958, 999, and 921	PRPP	CUP	Measure HTBD	TBD	\$
SR	Site Utility	Resurface tennis courts	PRPP	CUP	Measure HTBD	TBD	\$
SR	Haehl	Repaint/refinish Haehl Pavilion gym floor	PRPP	CUP	Measure HTBD	TBD	\$
SR	Tauzer	Remodel of Tauzer men's varsity locker room bathroom	PRPP	CUP	Measure HTBD	TBD	\$
SR	Bailey Field	Repair synthetic track surface and high jump runway Bailey field	PRPP	CUP	Measure HTBD	TBD	\$
SR	Quinn	Replace touch pads, timing system with lap top computer Quinn	PRPP	CUP	Measure HTBD	TBD	\$
SR	Quinn	Repairs/replacements Quinn swim center	PRPP	CUP	Measure HTBD	TBD	\$

SR Tauzer Chip old paint off the walls of the gym and repaint from the mid point of the wall down to the floor Tauzer Gym  SR TBD Greenspace Field Area list of items to complete  SR Tauzer Replace water polo goals and tarps Tauzer outdoor pool  SR Tauzer Install carpet for the 3 walls in Tauzer 905  SR Tauzer New floor for the training room Tauzer 919  SR Tauzer New Moor for the training room Tauzer 919  SR Tauzer New mast for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$  Tauzer New mast for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$						T		
walls of the gym and repaint from the mid point of the wall down to the floor Tauzer Gym  SR TBD Greenspace Field Area list of items to complete  SR Tauzer Replace water polo goals and tarps Tauzer outdoor pool  SR Tauzer Install carpet for the 3 walls in Tauzer 905  SR Tauzer New floor for the training room Tauzer 919  SR Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  SR Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  SR Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  SR Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  SR TBD Resurfacing of green space PRPP CUP Measure HTBD TBD \$  SR TBD Hammer throwing area for track team; Off campus facility needed  SR Haehl New bleachers with back rests Hadin Pavilion gymnasium SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$								
Area list of items to complete  SR Tauzer Replace water polo goals and tarps Tauzer outdoor pool SR Tauzer Install carpet for the 3 walls in Tauzer 905 SR Tauzer New floor for the training room Tauzer 919 SR Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$ Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$ Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$ Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$ Tauzer New mats for Tauzer PRPP CUP Measure HTBD TBD \$  \$\$ TBD Resurfacing of green PRPP CUP Measure HTBD TBD \$  \$\$ TBD Hammer throwing area for track team; Off campus facility needed  \$\$ TBD New bleachers with Pavilion gymnasium BRPP CUP Measure HTBD TBD \$  \$\$ TBD Install golf driving/hitting net cage area; Golf practice area  \$\$ Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$  \$\$ S\$			walls of the gym and repaint from the mid point of the wall down to the floor Tauzer Gym					·
goals and tarps Tauzer outdoor pool Install carpet for the 3 walls in Tauzer 905  SR Tauzer   Install carpet for the 3 walls in Tauzer 905  SR Tauzer   New floor for the training room Tauzer 919  SR Tauzer   New mats for Tauzer 919  SR TBD   Resurfacing of green 919  SR TBD   Hammer throwing 919  SR TBD   New bleachers with 919  Back rests Haehl 920  Back rests Haehl 919  Back rests Haehl 920  Back rest	SR	TBD	Area list of items to	PRPP		Measure HTBD	TBD	\$
SR       Tauzer       Install carpet for the 3 walls in Tauzer 905       PRPP       CUP       Measure HTBD       TBD       \$ walls in Tauzer 905         SR       Tauzer       New floor for the training room Tauzer 919       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       Tauzer       New mats for Tauzer 958       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       TBD       Resurfacing of green space       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       TBD       Hammer throwing area for track team; Off campus facility needed       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       Haehl       New bleachers with back rests Haehl Pavilion gymnasium       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       TBD       Install golf driving/hitting net cage area; Golf practice area       PRPP       CUP       Measure HTBD       TBD       \$ processor         SR       Bailey       New infield turf Bailey       PRPP       CUP       Measure HTBD       TBD       \$ processor	SR	Tauzer	goals and tarps	PRPP			TBD	\$
training room Tauzer 919  SR Tauzer New mats for Tauzer 958  SR TBD Resurfacing of green space  SR TBD Hammer throwing area for track team; Off campus facility needed  SR Haehl New bleachers with back rests Haehl Pavilion gymnasium  SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$	SR	Tauzer	Install carpet for the 3	PRPP	CUP	Measure HTBD	TBD	\$
SR TBD Resurfacing of green space  SR TBD Hammer throwing area for track team; Off campus facility needed  SR Haehl New bleachers with back rests Haehl Pavilion gymnasium  SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$			training room Tauzer 919					Ť
SR TBD Hammer throwing area for track team; Off campus facility needed  SR Haehl New bleachers with back rests Haehl Pavilion gymnasium  SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$	SR	Tauzer	1	PRPP	CUP	Measure HTBD	TBD	
area for track team; Off campus facility needed  SR Haehl New bleachers with back rests Haehl Pavilion gymnasium  SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$	SR	TBD		PRPP	CUP	Measure HTBD	TBD	\$
back rests Haehl Pavilion gymnasium  SR TBD Install golf	SR	TBD	area for track team; Off campus facility	PRPP	CUP	Measure HTBD	TBD	\$
SR TBD Install golf driving/hitting net cage area; Golf practice area  SR Bailey New infield turf Bailey PRPP CUP Measure HTBD TBD \$	SR	Haehl	back rests Haehl	PRPP	CUP	Measure HTBD	TBD	\$
			Install golf driving/hitting net cage area; Golf practice area					·
	SR			PRPP	CUP	Measure HTBD	TBD	\$

SR	Haehl	Install drop down curtain room divider Haehl Pavilion 1105	PRPP	CUP	Measure HTBD	TBD	\$
SR	Analy Village	Office hallway carpet replacement Analy Village building G	PRPP	CUP	Measure HTBD	TBD	\$10
Pet	Doyle	Install under cabinet lighting Doyle hall PC 247	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Emeritus	Additional English room needed in Emeritus or other	PRPP	CUP	Measure HTBD	TBD	\$
SR	Emeritus	Update/upgrade heating and AC in Emeritus	PRPP	CUP	Measure HTBD	TBD	\$500
SR		Replacement of fixtures Barnett 1288, 89, 65, 75, and 79	PRPP	CUP	Measure HTBD	TBD	<b>\$</b>
SR	Barnett	Interior ceiling panel replacement and repairs in Barnett 1201 and 1206	PRPP	CUP	Measure HTBD	TBD	\$
SR	Barnett	Repair/replace window covering Barnett Hall	PRPP	CUP	Measure HTBD	TBD	<b>\$</b>
SR	Emeritus	Automatic door opener (hard-wired) plus installation Emeritus 1525	PRPP	CUP	Measure HTBD	TBD	\$8,
SR	Emeritus	Reconfiguring of physical space Emeritus 1525	PRPP	CUP	Measure HTBD	TBD	\$20

PST C	Various	Replace all Airdale HVAC units and controls in the PSTC 200, 300, 600 & 700	PRPP	CUP	Measure HTBD	TBD	\$750
PST C	Site Utility	Pedestrian crosswalk needed on Skylane Blvd.	PRPP	CUP	Measure HTBD	TBD	\$100
PST C	Various	Replace all vinyl and rubber flooring PSTC 200, 300, 400, 500, 600, and 700	PRPP	CUP	Measure HTBD	TBD	\$400
PST C	Various	Upgrade outdated security cameras to Digital	PRPP	CUP	Measure HTBD	TBD	\$50
PST C	TBD	Convert conference room to interactive video conference room	PRPP	CUP	Measure HTBD	TBD	\$25
PST C	Various	Painting interior/exterior and rot repair	PRPP	CUP	Measure HTBD	TBD	\$500
PST C	TBD	Concrete or cinderblock enclosure for fire extinguisher pan	PRPP	CUP	Measure HTBD	TBD	\$15
PST C	Site Utility	Repair interior lights in fire tower	PRPP	CUP	Measure HTBD	TBD	\$5
PST C	Site Utility	Install 3 exterior lights on fire tower	PRPP	CUP	Measure HTBD	TBD	\$2,
SR	Shuhaw	Remove steps in Shuhaw 1783 and replace existing, inadequate, broken, fixed chairs with tables and moveable chairs	PRPP	CUP	Measure HTBD	TBD	\$25
SR	Shuhaw	Create a door to enter the office space on	PRPP	CUP	Measure HTBD	TBD	\$3,

		the east side of Shuhaw Hall 1799					
SR	Bech	Building slated for demolition Remove window and replace with chalk/whiteboard repurposed from Bech Hall labs	PRPP	CUP	Measure HTBD	TBD	\$
SR	Bech	Replace chalkboards with whiteboards Bech hall 19448, 1960, and 1980	PRPP	CUP	Measure HTBD	TBD	\$5
SR	Lark	Lark Planetarium: Remove existing wiring and rewire for replacement projector.	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lark	Replace existing carpet and countertop, improve ventilation, and clean/update walls Lark Hall 2009	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lark	Create adequate and safe storage Lark Hall 2046	PRPP	CUP	Measure HTBD	TBD	\$
SR	Lark	Paint exterior and interior of building. Replace rotted wood trip; Lark Hall	PRPP	CUP	Measure HTBD	TBD	\$
SR	Shuhaw		PRPP	CUP	Measure HTBD	TBD	\$
SR	Shuhaw	New offices for mathematics instructors; Shuhaw	PRPP	CUP	Measure HTBD	TBD	\$
SR	Shuhaw	Fire door in Shuhaw 1717 needs magnetic fire door closer installed	PRPP	CUP	Measure HTBD	TBD	\$

SR		Shuhaw slated for demolition, district police to review		PRPF	2	CUP	Measure HTBD	TBD	\$
SR		Tiles in need of replacement Shuha	aw	PRPF	P	CUP	Measure HTBD	TBD	\$
PST C	-	Replace blinds in gym.	+	PRPF	P	CUP	Measure HTBD	TBD	\$30
SR	Shuhaw		aw	PRPP		CUP	Measure HTBD	TBD	\$6,
SR		Remodel of 1st & 2r floor public bathrooms; Emeritu		PRPF	<b>&gt;</b>	CUP	Measure HTBD	TBD	\$
SR	Maggini	Remodel of 1st, 2nd and 3rd floor public restrooms; Maggini	id,	PRPF	<b>5</b>	CUP	Measure HTBD	TBD	\$400
SR	Lark	Relocation/remodel Lark Hall public restrooms		PRPF	2	CUP	Measure HTBD	TBD	\$600
Pet		Petaluma Phase 1 RCx	$\top$	PRPF	P	Gov. 4217	Prop.39/ Measure HTBD	TBD	\$300
SR		Lounibos DustHog Control Front End	PRP P	Infor mal	Mea re l	I	TBD	TBD	\$10
SR/P et/ PST C/ Shon e		District Water Bottle Filling Stations	Capi tal	mal	Mea re l Enei &St	H/ ergy	TBD	TBD	\$60
SR		District Wide Water Fixture Replacement	PRP P	al	Mea re l Enei &Si	H/ ergy	TBD	TBD	\$500
SR		District Wide Irrigation Efficiency Replacement	PRP P	al		asu H/ ergy	TBD	TBD	\$200

S	SR Site Utility	Santa Rosa Campus Sign LED lighting	mal re	easu H/ ergy Sus	TBD	TBD	\$50
S	SR Bertolini	EOPS 4707 Window Replacement	PRPP	Informal	Measure HTBD	TBD	\$5,
S	R TBD	Black-out window coverings for offices in EOPS	PRPP	Informal	Measure HTBD	TBD	\$3,
S	R New	Elliott Swing Space	Capital	Informal	Informal Measure HTBD		\$3,
S	R TBD	Stroage Building For EH&S	Capital	Informal	Measure HTBD	TBD	\$15
S	SR Lark	Greenhouse Glass Replacement	Capital	DBB	Measure HTBD	TBD	\$200
S	R Garcia	Garcia Hall Renovation Project	Capital	DBB	Measure HTBD	TBD	\$450
S	iR	Deleted	Capital	Informal	Prop 39		
S	SR	Deleted	Capital	CUP	Measure H		
	SR	Deleted	Capital	Informal	Measure H		
S	R Tauzer	Weight Room Relocation			Measure H		
S	R Forsyth	Installation of new VCT floor tiles in 1st floor hallway of Forsyth	PRPP	CUP	Measure HTBD	TBD	\$

Forsyth

Duplicate See 170

#### CALIFORNIA COMMUNITY COLLEGES

Scheduled Maintenance 5 Year Plan Summary

45,2 79,2 265,0 88,4 288,8 766,7

282,9 88,2 418,0 789,1

#### Sonoma County Junior College District **District**

2017-18		2020-21
Roof	1,761,714	Roof
Utility	888,182	Utility
Mechanical	563,290	Mechanical
Exterior	273,900	Exterior
Other	750,430	Other
	4,237,516	
2018-19		2021-22
Roof	1,170,766	Roof
Utility	139,700	Utility
Mechanical	412,500	Mechanical
Exterior	118,264	Exterior
Other	220,000	Other
	2,061,230	
2019-20		
Roof		
Utility	515,436	
Mechanical	915,766	
Exterior	238,468	
Other	70,400	
	1,740,070	

#### District Scheduled Maintenance 5 Year Plan

Santa Rosa Junior College

Sonoma County Junior College Dist

#### List of Critical Needs by Category

#### Roof Repair of Replacement 2017 - 2021

(CCI 5754)

					(
Fiscal Year	Type/Use	Age	Age	Square Feet	Estimated Repair
of Funding <sup>1</sup>	of Building	of Building	of Roof	of Roof	Replacement Cos
(1)	(2)	(3)	(4)	(5)	(6)
2017	Lounibos Roof Repair	35	28	30,800	462,00
2017	PSTC Bldg. 500 Re-roof	13	13	14,173	283,46
2017	Tauzer Re-roof	79	38	32,000	500,00
2017	Lark (Re-coat) (Class)	37	19	37,371	288,65
	Petaluma Phase One Gutters	22	22	600	12,60
2017	Bussman Tile Re-roof	76	36	11,600	180,00
2017	Haehl Skylight Relocation & Roof				
	Upgrade	34	17	1,000	35,00
2018	Garcia	80	30	15,000	300,00
2018	Analy	80	30	21,000	400,00
	Button (Admin)	31	19	3,400	43,76
2018	Pioneer	80	30	21,000	400,00
2018	Richard Thomas ClsRm Shone	16	16	1,920	27,00
2020	Belden Bldg Shone(Upper Roof)	32	21	4,000	24,20
2020	Shone Farm RT Classroom	13	13	1,920	21,00
				Totals	2,977,68

#### District Scheduled Maintenance 5 Year Plan

Sonoma County Junior College District

#### Santa Rosa Junior College

Mechanical Equipment Repair of Replacement 2017-2021

				(CC
Fiscal Year			Type of Facility	Estima
of Funding	Type/Use	Age	Served	Replace
(1)	(2)	(3)	(4)	
2017	Lark HVAC	35	Class/Lab/Planetarium	
2017	Doyle Library HVAC Upgrade	11	Class/Lab	
2018	Burbank HVAC-South Wing	34	Auditorium/Class/Lab/Community Ed	
2019	Analy HVAC	34	Art/Class/Lab	
2019	Analy Plumbing	74	Art/Class/Lab	
2019	Bailey Hall Plumbing	49	Admin	
2020	Maggini HVAC Upgrade	25	Class/Labs/Offices	
2021	Haehl Pavilion HVAC	32	Gymnasium	
			Total	5

Report five fiscal years of needs and total for each fiscal year.

#### District Scheduled Maintenance 5 Year Plan

Santa Rosa Junior	College	
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#### Utility Repair of Replacement 2017-2021

Fiscal Year of Funding <sup>1</sup>	Type of Utility	Age of Utility	Type of Facility Served	(CCI 5754) Estimated Repair/ Replacement Cost	S Loc						
						(1)	(2)	(3)	(4)	(5)	
2017	Petaluma Fire Alarm Panel Programming	22	Phase One Campus	15,750							
2017	Petaluma Backup Power System	22	Phase One Campus	31,500							
2017	Santa Rosa Sewer Line Repairs	66	SR Campus	250,000							
2017	Analy Electrical	34	Art Class/Lab	173,250							
2017	Forsyth Fire Alarm	34	Music	202,126							
2017	Bussman Electrical	33	Electronics	215,558							
2018	Santa Rosa Water Valve Replacement	55	Infrastructure	139,700							
2019	Tauzer Fire Alarm	34	PE/Athletics	288,750							
2019	Bailey Hall Electrical	50	Admin	226,686							
	PSTC - Fire Alarm Panel	13	Public Safety Class/Lab	79,200							
			Totals	1.622.518							

<sup>&</sup>lt;sup>1</sup>Report five fiscal years of needs and total for each fiscal year.

#### District Scheduled Maintenance 5 Year Plan

Sonoma County Junior College

#### Santa Rosa Junior College

#### List of Critical Needs by Category

Exterior Refinishing and Repair 2017-2021

			(CCI 5754)
Fiscal Year		Years Since Prior	Estimated Rep
of Funding <sup>1</sup>	Type and Size of Facility	Refinishing	Replacement C
(1)	(2)	(3)	(4)
2017	Petaluma Phase One Windows	22	150
2017	Bailey Exterior Waterproofing (Admin) 19,813 sf	43	6:
2017	Petaluma Phase One Second Floor Walkways	22	48
	Petaluma Bldgs 600/700/800 Siding Repair	7	15
2018	Tauzer Exterior Stucco Waterproofing (P.E.) 36585 sf	42	81
2018	Analy Exterior Stucco Waterproofing (Art/Class/Lab) 26,420 sf	34	37
2019	Emeritus Exterior Stucco Waterproofing (Class/Lab) 58,836 sf	36	96
2019	Lark Exterior Stucco Waterproofing (Class/Lab/Planetarium) 37,371 sf	36	14
2020	Pioneer Exterior Stucco Waterproofing (Bookstore/Ofcs) 14,040 sf	39	88
2021	Baker Exterior Stucco Waterproofing (Class/Lab) 31,309 sf	49	4
2021	Forsyth Exterior Stucco Waterproofing (Music) 15,013 sf	34	4
		Total	807

Report five fiscal years of needs and total for each fiscal year.

#### District Scheduled Maintenance 5 Year Plan

Santa Rosa Junior College

Sonoma County Junior College District
College Campus

Other Critical Needs 2017-2021

		(CCI 5754)
Fiscal Year		Estimated Repair/
of Funding <sup>1</sup>	Type and Description of Needs	Replacement Cost
(1)	(2)	(3)
2017	Emeritus Lock/Key/Security	88000
2017	PSTC Pedestrian Crossing	68,250
2017	Bailey Doors Security	57,930
	Bussman Doors/Card Access	173,250
2017	Shone Farm Fencing Repairs	88,000
2017	PSTC Skid Pad Drain	275,000
2018	PSTC Floor Replacement	220,000
2019	Santa Rosa Campus Bailey Field Track Replacement	70,400
2020	Bailey/Lounibos Field Well/Pump Structure	275,000
2020	Baker Door Closers	13,860
2021	Campus Wide Lock/Key/Security System	418,000
	Total	1,747,690

<sup>&</sup>lt;sup>1</sup>Report five fiscal years of needs and total for each fiscal year.

### 3.1 Develop Financial Resources

#### 3.2 Serve our Diverse Communities

The Facilities Operations Department staff has been trained in the areas of sensitivity to the diversity and sexual harrassment training seminars offered by the college's compliance officer.

### 3.3 Cultivate a Healthy Organization

Building Operator Certificate program offered by PG&E. This seminar will enhance their ability to troubleshoot their particular trade. To enroll the staff in all of the Environmental Health & Safety training seminars. To encourage and support classes offered by the college or appropriate training service.

#### 3.4 Safety and Emergency Preparedness

See EH&S PRPP

3.5 Establish a Culture of Sustainability

# Progress on Strategic Plan Goal E

by Robert Ethington & David Liebman



## Strategic Plan Goal E

"Establish a Strong Culture of Sustainability."

 This includes the three core elements (also known as pillars) of Sustainability as listed in the SP: Environmental Stewardship, Economic Vitality and Social Equity

Specifically, the planning and implementation has been focused in the following four Goal E objectives that align with the three pillars of sustainability:

- Expand, support, and monitor district-wide sustainability practices and initiatives;
- Infuse sustainability across the curriculum and promote awareness throughout District operations;
- Promote social and economic equity in the communities we serve;
- Ensure economic sustainability by leveraging resources, partnering with our communities, and contributing to the economic growth of the region.

## New Sustainability Committee



## Core Indicators

- ► Carbon Footprint
- ► Sustainable Transportation
- ▶ Sustainability in Curriculum
- Sustainable Facilities

## **Key Performance Indicators**

- Energy Efficiency
- ▶ Water
- Waste
- Carbon Footprint (Scope 2)
- Transportation
- ▶ Facilities TBD
- ▶ Grounds TBD
- ▶ Education upcoming survey
- Culture TBD

## **Energy Efficiency**

Energy Utilization Index - EUI (Kbtu/sqft/yr)

District Baseline 2013-14 Fiscal Year: 64.5

2015-16 Fiscal Year: 60.5

6% reduction from baseline so far!

2030 Goal: 27



#### Water

Gallons of Potable Water used per year

District Baseline 2013-14 Fiscal Year: 47,167,000 gpy

2015-16 Fiscal Year: 36,798,000 gpy

22% reduction from baseline so far!

2020 Watershed Budget Goal: 29,865,000 gpy

### Waste

% of waste diverted from landfill per year

District Baseline 2013-14 Fiscal Year: 69%

2015-16 Fiscal Year: 71%

2% increase from baseline so far! (Thanks Guy and recycling)

2030 Waste Goal: 95% Zero Waste

Matches state mandated goals



## Carbon Footprint (Scope 2)

Metric Tonnes of CO2e per year

District Baseline 2013-14 Fiscal Year: 8,342

2015-16 Fiscal Year: 7,277

Decrease is due to loss of Cogeneration Plant. 2015-16fy will become new baseline

Goal 2030 Carbon Neutral Operation: -1 Metric Tonne of CO2e

Goal 2040 Carbon Neutral District (Scope 3)

## Transportation

% of Students that take alternative transportation (not single occupancy vehicles)

District Baseline 2013-14 Fiscal Year: 4%

2020 Goal: 8%

## Highlights

- \$32 million dollars from Measure H allocated for Sustainability projects
- ▶ Student Transportation Fee
- New Sustainability Standing Committee focused on Goal E
- ► Facilities Sustainability Internships (3 pilot students getting community involvement credit)
- > 3<sup>rd</sup> annual Sustainability Summit happened in March

## **Sustainability Standards**



The SCJCD Sustainable Design & Construction Standards apply to all capital projects and should be included in all Requests for Proposals issued for new projects, including new buildings, major renovations, interior fit-outs, system upgrades and other related infrastructure projects. In addition, these standards should be referenced in contracts for design related and construction management services.

Application of these standards in projects is intended to help establish SCJCD as a recognized leader in green building and sustainable campus operations. They are an essential component of the District's commitment to sustainability, including its desire to use it's facilities as a teaching tool for behavior change and sustainable practices.

These standards identify a <u>minimum level</u> of design and process requirements for all new construction and renovation projects, while providing enough flexibility for individual project teams to meet project goals. The Standards also include recommendations (stretch goals) that project teams should attempt to achieve.

Recognizing that different project scopes represent different levels of sustainable design opportunity and operational impact, the sustainability standards are organized within four different project tiers.

Tier 1: Tier 1 projects include all new buildings and major building renovations with a comprehensive scope that includes room configuration modifications, new HVAC systems, envelope modifications, and new lighting.

Tier 2: Tier 2 projects are partial renovations or fit-outs of existing facilities in which systems within the renovated spaces are largely replaced (e.g. lighting, finishes, plumbing, and/or HVAC), but base building HVAC systems and the building envelope generally remain unaffected.

Tier 3: Tier 3 projects include renovations to systems with an energy impact but are focused only on those systems (e.g. renewable energy installation, HVAC upgrades, AHU replacement, lighting replacement, etc.)

Tier 4: Tier 4 projects have no or limited energy and GHG impact, such as installing bike lanes or other landscape renovation project or an interior project which only renovates finishes and furnishings.

Tier 1	Tier 2	Tier 3	Tier 4		
New Building or Major Renovation	Interior Upgrades and Fit- Outs	System Upgrades	Non-Energy		
New Buildings and Coriding Water for Got Pengwatians	Partial Building Interior Upgrades and Fit-Outs HVAC, Lighting, and Materials Within the Scope	Limited Scope Projects w / Energy and GHG Impact	Limited Scope Projects w / No or Limited Energy and GHG Impact		

### Tier 1 Project Sustainability Standards

Tier 1 projects include all new buildings and major building renovations with a comprehensive scope that includes room configuration modifications, new HVAC systems, envelope modifications, and new lighting.

Sustainability Category	Criteria
Integrated     Approach	A. Implement a collaborative and integrated design process, engaging key SCJCD stakeholders, designers, engineers and construction team members.  B20-50 year Life Cycle Cost Analysis, including total cost of ownership modeling, shall be used throughout the project development process for all major building envelope and systems decision making. Time horizon will be dependent upon project scope (20 year for major renovation, 50 years for new building).
2. Ecological Site Design	A. Optimize use of site specific passive design strategies including maximizing natural ventilation, fresh air, daylight, passive heating and cooling.     B. Maximize stormwater capture through green infrastructure features (pervious pavement, bioswales, french drains and bioretention basins.     C. Specify regional appropriate, native vegetation
3. Energy Optimization	A. Perform ongoing energy modeling throughout the project and complete comparison of modeled energy performance to actual performance one year after start of operations.  B. Determine Net Zero Energy Ready target for the project. Provide on-project renewable energy to meet Net Zero demand or negotiate allocation of SCJCD renewable energy production.  C. Provide project whole building life cycle assessment (LCA) including materials, construction impacts and operating energy usage. Greenhouse Gas (GHG) impact shall be reported as carbon dioxide equivalents (CO2e).
4. Water Management	A. Design and install dual plumbing (purple pipe) reclaimed water systems for all non-potable uses (eg toilets, urinals, cooling tower, and irrigation uses)
5. Responsible Sourcing	A. Prioritize sourcing of locally produced goods and services     B. Require publicly available environmental product declarations (EPDs) and ingredient disclosure for all major materials and product purchases     C. To the maximum extent select goods and services compliant with SCJCD's Environmentally Preferable Purchasing (EPP) policy

## Tier 1 Project Sustainability Standards, continued

Sustainability Category	Criteria				
6. Optimize Comfort and Well Being	A. Provide at least 1 water bottle filling/hydration station per floor.     B. Specify low emitting materials (including finishes, furnishings, flooring, ceiling, composite wood and insulation materials.     C. Maximize natural light into classrooms, offices and learning environments     D. Apply active design/universal design principles.     E. Maximize opportunities for outside views and other biophilic features.				
7. Waste Management	Recycling and compost collection bins shall be provided at a minimum 1:2000 sf ratio.     B. Achieve 95% construction waste diversion from landfill.				
8. Built Environment as Teaching Tool	<ul> <li>A. Collaborate with curriculum development team to define experiential learning environments and opportunities for sustainability.</li> </ul>				
9. Sustainable Operations	A. Design, install and connect metering based controls for all systems including HVAC, lighting, water, gast electricity., renewable energy, and hot/chilled water. Metering and control network shall be BacnetIP Native/Compatible.  B. Design, install and connect sensor network mesh capable of reporting occupancy, light levels and temperature as a minimum. Sensor network shall report conditions for each room or per 2000 sf in open space. Network shall be BacnetIP Native/Compatible.  C. Projects are toe be commissioned prior to occupancy and one year after occupancy. Commissioning shall be performed by an independent 3rd party.  D. Minimum 3 year maintenance service contract shall be provide for all large appliances and advanced building controls.  E. Building Operational Manual and training (for building operators and occupants) shall be provided.				
10. Sustainability Leadership	A. Design and construct to LEED Silver certified minimum; stretch goals of LEED gold for major renovations and LEED platinum, Certified Net Zero Energy or Living Building Challenge Certified for new buildings				

## Tier 2 Project Sustainability Standards

Tier 2: Tier 2 projects are partial renovations or fit-outs of existing facilities in which systems within the renovated spaces are largely replaced (e.g. lighting, finishes, plumbing, and/or HVAC), but base building HVAC systems and the building envelope generally remain unaffected.

Sustainability Category	Criteria
1. Integrated Approach	A. Implement a collaborative and integrated design process, engaging key SCJCD stakeholders, designers, engineers and construction team members.     B. 10-20 year Life Cycle Cost Analysis, including total cost of ownership modeling, shall be used throughout the project development process for all major building envelope and systems decision making. Time horizon will be dependent upon project scope.
Ecological Site     Design	A. Optimize use of site specific passive design strategies including maximizing natural ventilation, fresh air, daylight, passive heating and cooling.
3. Energy Optimization	A. Perform ongoing energy modeling throughout the project and complete comparison of modeled energy performance to actual performance one year after start of operations.     B. Determine Net Zero Energy Ready target for the project. Provide on-project renewable energy to meet Net Zero demand or negotiate allocation of SCJCD renewable energy production.
4. Water Management	A. Design and install dual plumbing (purple pipe) reclaimed water systems for all non-potable uses (eg toilets, urinals, cooling tower, and irrigation uses)
5. Responsible Sourcing	A. Prioritize sourcing of locally produced goods and services     B. Require publicly available environmental product declarations (EPDs) and ingredient disclosure for all major materials and product purchases     C. To the maximum extent select goods and services compliant with SCJCD's Environmentally Preferable Purchasing (EPP) policy
6. Optimize Comfort and Well Being	A. Provide at least 1 water bottle filling/hydration station per floor.  B. Specify low emitting materials (including finishes, furnishings, flooring, ceiling, composite wood and insulation materials.  C. Maximize natural light into classrooms, offices and learning environments  D. Apply active design/universal design principles.  E. Maximize opportunities for outside views and other biophilic features.

# Tier 2 Project Sustainability Standards, continued

Sustainability Category	Criteria
7. Waste Management	Recycling and compost collection bins shall be provided at a minimum 1:2000 sf ratio.     B. Achieve 95% construction waste diversion from landfill.
8. Built Environment as Teaching Tool	Collaborate with curriculum development team to define experiential learning environments and opportunities for sustainability.
9. Sustainable Operations	A. Design, install and connect metering based controls for all systems including HVAC, lighting, water, gast electricity., renewable energy, and hot/chilled water. Metering and control network shall be BacnetlP Native/Compatible.  B. Design, install and connect sensor network mesh capable of reporting occupancy, light levels and temperature as a minimum. Sensor network shall report conditions for each room or per 2000 sf in open space. Network shall be BacnetlP Native/Compatible.  C. Projects are toe be commissioned prior to occupancy and one year after occupancy. Commissioning shall be performed by an independent 3rd party.  D. Minimum 3 year maintenance service contract shall be provide for all large appliances and advanced building controls.  E. Building Operational Manual and training (for building operators and occupants) shall be provided.
10. Sustainability Leadership	A. Design and construct to LEED Silver certified minimum; stretch goals of LEED gold or Living Building Challenge Petal Certified.

## **Sustainability Guidelines**



#### Purpose

Knowing that public institutions of higher education have the ability to influence the ideals and principles of our future decision makers, Sonoma County Junior College District (SCJCD) holds an important role in promoting sustainability. SCJCD is passionate about our responsibility to strive for the highest achievable sustainability standards to encourage positive change through example. The district is also driven to provide continued leadership in sustainability. From a campus-wide level to individual classrooms, our aim is to model a living laboratory from which everyone can learn.

These Sustainability Guidelines are a key component to the District's overall sustainable performance; helping the District and its constituents align and implement the goals of the SCJCD Sustainability Action Plan that are germane to campus building projects.

These guidelines are intended to inform both the day to day operations at all SCJCD sites as well as all upcoming construction activities including new buildings, renovations and infrastructure projects. SCJCD regards capital projects as an important opportunity to demonstrate through action our commitment to sustainable design and construction.

For all new capital projects, these guidelines should be used in conjunction with the relevant project performance criteria described in Section 5: Technical Standards - Sustainability.

### Ten Guiding Principles

To truly embrace the value of sustainability, equal consideration must be given to environmental, social, and economic excellence. Specifically in support of the District's Strategic Plan Goal E: "The establishment of a culture of sustainability," we require the thorough assessment and analysis of environmental stewardship, social equity, and economic management for all projects. The ten guiding principles listed below and described in this section should be taken into account for all day to day operations as well as when designing and constructing capital projects for SCJCD.

- Use an Integrated Approach to Building Design, Construction and Operations
- Implement an Ecological Site Design Methodology
- Reduce Fossil Fuel Reliance and Related Energy Costs
- 4. Manage Water Carefully
- 5. Source Materials and Services Responsibly
- Optimize Occupant Comfort, Health and Well Being
- 7. Reduce Waste
- 8. Use the Built Environment as a Teaching Tool
- Facilitate Sustainable Management of Campus Operations
- 10. Showcase Sustainability Leadership

#### 1.1 Use an Integrated Approach to Building Design, Construction and Operations

The best buildings result from continual, organized collaboration among all players. The college should engage in a collaborative and integrated design process for active and continuing participation of users, facilities operators, and design and construction members in SCJCD building projects.

- 1. In the formative programming phase, identify sustainability priorities and key milestones in the project time-line.
- 2. Engage facility maintenance and operations personnel as well as other key SCJCD stakeholders throughout the design development and construction process.
- 3. Provide a project relevant (20-50 year) Life Cycle Cost Analysis/Total Cost of Ownership assessment for all major building envelope elements and systems as well as value engineering proposals.

#### FIGURE 1 Traditional Process vs. Integrated Building Design



The traditional process is fairly linear. source: nesexxxx ALORICH

Traditional Process		Integrated Building Design
Linear	-	Whole Systems Approach
Team members involved only when necessary	-	Team members included throughout
More decisions made by fewer people	-	More decisions made in teams, iteratively
Emphasis on up-front costs	-	Emphasis on full life-cycle costs and benefits
Systems considered in isolation	-	Systems considered in relationship to others, allowing for full optimization
Loss time, energy, and collaboration exhibited in early stages	-	Front-loaded—time and energy invested early

RCE: U.S. DEPARTMENT OF ENERGY

#### 1.2 Implement an Ecological Site Design Methodology

Land is a crucial component of the built environment. Ecological approaches to site design should be employed to minimize negative environmental impacts and support healthy and natural ecological processes while also ensuring that site and building design fit the campus aesthetic and create a unique sense of place.

- 1. Integrate landscape and people with living processes occurring on its campuses.
- 2. Maintain and restore climate appropriate landscaping.
- 3. Follow SCJCD Guidelines on tree protection, to minimize all disturbances and damage to District trees.
- 4. Design buildings to make use of climate resources, such as solar income, wind income, water income from rain and ground water, and work to design buildings that embody the ecological culture of Sonoma County.
  - 5. Strive to be a permaculture rich college, connecting students, faculty and the community through experiential garden based ecological learning and practice.
  - 6. Implement landscape based integrated stormwater capture including use of bioswales, french drains, mulched basins, pervious pavement and bioretention basins.

#### 1.3 Reduce Fossil Fuel Reliance and Related Energy Costs

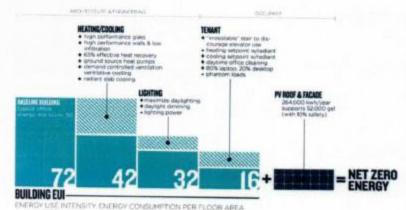
Implementing strategies to save energy and utilizing renewable energy sources will lower greenhouse gas (GHG) emissions, reduce operating costs, and minimize the district's reliance on fossil fuels.

SCJCD has the goal of becoming a Zero Net Energy (ZNE) District by 2030. In pursuing this goal, the district recognizes a design pathway that focuses first on conservation, followed by maximizing energy efficiency, lowering power demand, and finally generating power on-site, for example with rooftop and carport solar (PV) arrays.

- All new buildings and major renovations shall be modeled to determine what the target Energy Use Intensity (EUI) is for the project to achieve ZNE (Source) performance.
- All new buildings and major renovations shall be at least 15% more energy efficient than required by current California Title 24 energy

requirements.

- Passive design strategies (eg natural daylight, operable windows, correct solar orientation) shall be the primary focus in order to lower buildings loads as much as possible before active systems are designed.
- All new buildings and existing buildings must be benchmarked on EPA's Portfolio Manager.
   New buildings shall be designed to result in an EnergyStar rating of 95 or higher.
- 5. All new buildings and deep retrofits to existing buildings must be designed to accommodate roof top renewable energy systems (eg PV, CSP or solar hot water) or green roofs/ terraces for at least 75% of the available roof surface. Alternatively, provision is to be made to procure energy from some other on-site renewable source.
- Bacnet IP native/compatible Energy Metering and Energy Management Systems shall be implemented in all existing buildings, new building construction and renovation projects as well as campus systems and landscape projects. HVAC, lighting and occupancy sensoring are also to be integrated.
- New construction and all retrofit/renovation projects shall research and apply for all available utility incentives, assist in grant applications, and ensure follow through with all applicable programs including PG&E's Savings by Design and any other new offerings.
- Provide preferred parking for alternative fuel vehicles and carpooling
- Provide electric vehicle charging stations powered by on-site PV.



## THE PATH TO NET ZERO ENERGY

#### 1.4 Manage Water Carefully

Water is a valuable resource fundamental to our health, the economy and the environment. In California, water is precious and conservation is critical. SCJCD plans to manage water on its campuses responsibly and conserve wherever possible.

- All new buildings, surrounding pathways and roads must be designed to integrate with the campus stormwater management system, which is to capture 100% stormwater on site from a 10 year magnitude storm.
- All new building projects, deep retrofits to existing buildings, and site infrastructure projects must include dual plumbed piping to accommodate secondary water for use in toilets, cooling towers, irrigation and other non potable uses.
- Provide water bottle filling stations in all buildings.
- All new buildings and existing building renovations must include sub-metering infrastructure that separates out Domestic usage from Irrigation usage and connects to an IP platform that is approved by the Information Technology Department.



#### 1.5 Source Materials and Services Responsibly

Responsible sourcing of goods and services requires a holistic approach to supply chain management, product selection, and procurement criteria transparency. SCJCD aims to increase efforts to procure goods and services that encompass responsible management across social, economic and environmental dimensions.







- Select materials that meet the District's new Environmentally Preferred Purchasing (EPP)Policy, including recycled content, FSC certified wood and low-emitting materials.
- Prefer materials and services that are sourced locally, using local labor and resources.
- Require publicly available product environmental and ingredient transparency (Environmental Product Declarations and Health Product Declarations/Ingredient Disclosure)
- Prefer materials that have low embodied energy and carbon footprints.
- Require EnergyStar and WaterSense compliant appliances and fixtures for all new buildings and facility renovations,
- Require that all computers (including desktops, laptops and monitors) meet EPEAT Gold standard.

#### 1.6 Optimize Occupant Comfort, Health and Well 1.7 Reduce Waste Being

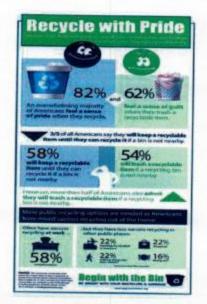


People spend a majority of their time indoors and therefore, the indoor environment has a significant influence on their health, well-being, and productivity. Student, faculty, and employee's health and comfort directly impacts ability to learn and work productively.

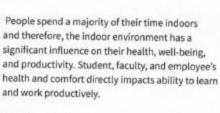
- 1. All regularly occupied space must have operable windows that give access to fresh air and sunlight. Unless it does not comply with District safety and energy standards.
- Include measures for monitoring Indoor Environmental Quality and thermal comfort
- Design buildings to promote walking, healthy movement, and exercise whenever possible
- Include considerations of biophilic design, including access to nature, safety, texture and
- Provide building occupants control over their environment (eg open windows, move chairs, sit or stand while working).
- Implement green cleaning practices
- Provide water bottling filling/hydration stations on every floor of each building
- Provide an occupant oriented sustainability hub at each site that includes: bike repair station, solar powered docking station, water bottle filling station, covered seating, recycle and compost center, covered bike parking and video surveillance.
- Work continually to improve public transit and alternative forms of access to district sites.

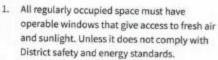
Construction and demolition generate enormous quantities of solid waste and reducing waste as well as diverting waste from the landfill provides financial savings in addition to environmental benefits. SCJCD aspires to reduce waste all of its construction projects and ensure adequate recycling and composting facilities are designed in their new facilities.

- Promote source reduction in all aspects of facility design, construction and operations.
- Exceed statewide landfill diversion goal of 75% by 2020
- Include building and campus infrastructure for collection and storage of recyclables, trash and on-site composting, including appropriate signage.
- Provide at least on recycling and one composting collection bin in every 2000 sf of building space.



#### 1.6 Optimize Occupant Comfort, Health and Well 1.7 Reduce Waste Being





Include measures for monitoring Indoor Environmental Quality and thermal comfort

Design buildings to promote walking, healthy movement, and exercise whenever possible

Include considerations of biophilic design, including access to nature, safety, texture and

Provide building occupants control over their environment (eg open windows, move chairs, sit or stand while working).

Implement green cleaning practices

7. Provide water bottling filling/hydration stations on every floor of each building

8. Provide an occupant oriented sustainability hub at each site that includes: bike repair station, solar powered docking station, water bottle filling station, covered seating, recycle and compost center, covered bike parking and video surveillance.

9. Work continually to improve public transit and alternative forms of access to district sites.

Construction and demolition generate enormous quantities of solid waste and reducing waste as well as diverting waste from the landfill provides financial savings in addition to environmental benefits. SCJCD aspires to reduce waste all of its construction projects and ensure adequate recycling and composting facilities are designed in their new facilities.

Promote source reduction in all aspects of facility design, construction and operations.

Exceed statewide landfill diversion goal of 75%

Include building and campus infrastructure for collection and storage of recyclables, trash and on-site composting, including appropriate

Provide at least on recycling and one composting collection bin in every 2000 sf of building space.



## 4.1b Program Student Learning Outcomes Assessment

## 4.1c Student Learning Outcomes Reporting

Type	Name	Student	Assessment	Change
		Assessment	Results Analyzed	Implemented
		Implemented		_

## 4.2a Key Courses or Services that address Institutional Outcomes

Course/Service	1a	1b	1c	2a	2b	2c	2d	3a	3b	4a	4b	5	6a	6b	6c	7
College				X	X	X	X	X	X							X
Tours/Broadcasts																
Integrated		X		X	X	X	X	X	X	X	X	X				X
Enviromental Planning																
Committ																
Sustainable/Green				X	X	X	X	X	X			X				X
Practices																

## 4.2b Narrative (Optional)

#### 5.0 Performance Measures

## 6.1 Progress and Accomplishments Since Last Program/Unit Review

Rank	Location	SP	M	Goal	Objective	Time Frame	Progress to Date
0000	ALL	00	00	SEE FPO'S 6.1 Year End Report			

## 6.2a Program/Unit Conclusions

Location	Program/Unit Conclusions
ALL	computerized access to the "Architerra Report" on ADA issues at Santa Rosa to commence planning and support of
	the District Transition Plan.
ALL	Further expand on the District wide perspective for all related facilities operations aspects through the reporting
	hierarchy.

## 6.2b PRPP Editor Feedback - Optional

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## 6.3a Annual Unit Plan

Rank	Location	SP	M	Goal	Objective	Time Frame	Resources Required
0000	ALL	00	00	SEE FPO'S 6.3a - GOALS			