

Santa Rosa Junior College

Program Resource Planning Process

Facilities - Maintenance 2014

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 70 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 72 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 technicians, electricians, plumbers, vehicle mechanics, painter, pool technician, locksmith services and the energy management technician. 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 Facilities 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 Pase R Petaluma, completion of the Bertolini Student Center, warranty and commissioning issues, 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 their internal commissioning of a building.

This 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 sustainable aspect of our Environmental Scan is critical for our Facilities Operations department. This relates to all aspects of sustainability such as: recycle program,

photovoltaics, cogeneration plant, load shedding, under floor distribution, IDEC systems, a Ground Source Heat Pump system, 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 necessary 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 facilities, 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. Although this increases the staffing workload, the overall effectiveness will greatly benefit the District.

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6776-4390.00	Other Supplies, Motor Pool	-14,010.35	61,954.06	75,556.29
10-00-20-0000-6776-5210.00	Staff Travel, Motor Pool	-3,369.56	0	-1,625.44
10-00-20-0000-6776-5220.00	Student Travel, Motor Pool	-3,795.56	0	-1,469.44
10-00-20-0000-6776-5230.00	Travel Allowanc, Motor Poo	-75,457.12	0	-25,920.88
10-00-20-0000-6776-5530.00	Telephone, Motor Pool	-136.54	0	49.54
10-00-20-0000-6776-5610.00	Student Transpo, Motor Poo	-6,494.36	0	-5,305.64

10-00-20-0000-6776-5620.00	Field Trips/inc,Motor Poo	-22,731.96	0	-3,743.04
10-00-20-0000-6776-5621.00	Field Trips (fe,Motor Poo	0	0	0
10-00-20-0000-6776-5630.00	Equipment Renta,Motor Poo	0	0	0
10-00-20-0000-6776-5659.00	Other Equipment,Motor Poo	-13,615.94	6,289.36	32,226.58
10-00-20-0000-6776-5690.00	Other Contracts,Motor Poo	100	0	0
10-00-20-0000-6776-5820.00	Postage,Motor Pool	0	0	0

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6530-4390.00	Other Supplies,Operation	-2,744.84	16,513.10	16,448.74
10-00-20-0000-6530-4395.00	Custodial Paper,Operation	0	0	0
10-00-20-0000-6530-4396.00	Uniform Allowan,Operation	9,009.71	0	2,408.29
10-00-20-0000-6530-4510.00	Graphic Arts,Operation Of	0	0	0
10-00-20-0000-6530-5210.00	Staff Travel,Operation Of	184	0	0
10-00-20-0000-6530-5230.00	Travel Allowanc,Operation	-250	0	1,050.00
10-00-20-0000-6530-5530.00	Telephone,Operation Of PI	-116.41	148.81	54.6
10-00-20-0000-6530-5535.00	Tele Adds, Move,Operation	61	0	0
10-00-20-0000-6530-5630.00	Equipment Renta,Operation	0	0	0
10-00-20-0000-6530-5659.00	Other Equipment,Operation	1,270.00	0	0
10-00-20-0000-6530-5690.00	Other Contracts,Operation	4,279.04	968.96	0
10-00-20-0000-6530-5820.00	Postage,Operation Of PI	0	0	0

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6550-4390.00	Other Supplies,Operation	6,027.21	7,843.77	7,189.02
10-00-20-0000-6550-4390.01	Other Supplies,Operation	0	0	0
10-00-20-0000-6550-4396.00	Uniform Allowan,Operation	2,041.37	0	380.63
10-00-20-0000-6550-4510.00	Graphic Arts,Operation Of	0	0	0
10-00-20-0000-6550-5210.00	Staff Travel,Operation Of	351.08	0	97.92
10-00-20-0000-6550-5230.00	Travel Allowanc,Operation	1,942.80	0	1,775.20
10-00-20-0000-6550-5300.00	Dues & Membersh,Operation	-25	120	0
10-00-20-0000-6550-5530.00	Telephone,Operation Of PI	135	0	0
10-00-20-0000-6550-5535.00	Tele Adds, Move,Operation	0	0	0
10-00-20-0000-6550-5630.00	Equipment Renta,Operation	386	0	0
10-00-20-0000-6550-5659.00	Other Equipment,Operation	217	0	1,566.00
10-00-20-0000-6550-5680.00	Repair of Build,Operation	0	0	0
10-00-20-0000-6550-5690.00	Other Contracts,Operation	6,907.00	2,655.00	4,485.00

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6551-4390.00	Other Supplies,Care & Mai	1,765.59	0	148.41
10-00-20-0000-6551-5210.00	Staff Travel,Care & Maint	100	0	0
10-00-20-0000-6551-5300.00	Dues & Membersh,Care & Ma	200	0	0
10-00-20-0000-6551-5630.00	Equipment Renta,Care & Ma	0	0	0
10-00-20-0000-6551-5659.00	Other Equipment,Care & Ma	-672.41	0	672.41
10-00-20-0000-6551-5690.00	Other Contracts,Care & Ma	6,332.00	460	675
10-00-20-0000-6551-5690.01	Other Contracts,Care & Ma	0	0	0

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6570-4395.00	Custodial Paper,Utilities	76,528.29	738.7	72,7
10-00-20-0000-6570-5510.00	Electric,Utilities	100,058.49	1,011,181.97	618,7
10-00-20-0000-6570-5511.00	Gas,Utilities	-19,000.00	196,172.02	133,8
10-00-20-0000-6570-5520.00	Waste Disposal,Utilities	-500	3,775.39	2,2
10-00-20-0000-6570-5521.00	Water (City Se,Utilities	12,000.00	137,517.75	232,4

10-00-20-0000-6570-5530.00

Telephone,Utilities

642.2

0

FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expense
10-00-20-0000-6590-4390.00	Other Supplies,Recycling	463.01	0	82.9
10-00-20-0000-6590-5300.00	Dues & Membersh,Recycling	131	0	
10-00-20-0000-6590-5520.00	Waste Disposal,Recycling	1,849.00	0	
FD-LC-RS-PROG-ACTV- OBJT.SB	Description	Account Balance	Encumbered	Expensed
10-00-20-0000-6511-4210.00	Other Books--re,Maintenan	129	0	0
10-00-20-0000-6511-4342.01	Softwr/Non-Inst,Maintenan	0	0	0
10-00-20-0000-6511-4390.00	Other Supplies,Maintenanc	-16,257.77	65,151.20	76,375.57
10-00-20-0000-6511-4390.01	Other Supplies,Maintenanc	0	0	0
10-00-20-0000-6511-4396.00	Uniform Allowan,Maintenan	2,859.95	0	1,638.05
10-00-20-0000-6511-4510.00	Graphic Arts,Maintenance	-322.82	0	922.82
10-00-20-0000-6511-5210.00	Staff Travel,Maintenance	-3,145.19	0	3,739.19
10-00-20-0000-6511-5230.00	Travel Allowanc,Maintenan	4,662.24	0	2,237.76
10-00-20-0000-6511-5300.00	Dues & Membersh,Maintenan	40	0	0
10-00-20-0000-6511-5530.00	Telephone,Maintenance Of	1,184.41	308.28	1,357.31
10-00-20-0000-6511-5535.00	Tele Adds, Move,Maintenan	50	0	0
10-00-20-0000-6511-5540.00	Laundry & Dry C,Maintenan	83	0	0
10-00-20-0000-6511-5630.00	Equipment Renta,Maintenan	-650	623.68	376.32
10-00-20-0000-6511-5652.00	Equipment Servi,Maintenan	-99,981.35	122,248.48	118,950.87
10-00-20-0000-6511-5652.01	Equipment Servi,Maintenan	0	0	0
10-00-20-0000-6511-5659.00	Other Equipment,Maintenan	-41,225.23	51,495.99	60,986.24
10-00-20-0000-6511-5680.00	Repair of Build,Maintenan	-2,371.94	10,167.86	6,330.08
10-00-20-0000-6511-5680.01	Repair of Build,Maintenan	0	0	0
10-00-20-0000-6511-5690.00	Other Contracts,Maintenan	-120,324.73	133,719.01	121,937.72
10-00-20-0000-6511-5820.00	Postage,Maintenance Of	-44.25	0	44.25

2.1b Budget Requests

Rank	Location	SP	M	Amount	Brief Rationale
0001	ALL	04	07	\$50,000.00	Last year \$0.00. New requested budget item: This would support our efforts in a District Wide aspect of Group 1 equipment repairs and upgrades.
0001	ALL	04	07	\$65,000.00	Last year \$0.00. New requested budget item: This contract for service of equipment would support our efforts in a District Wide approach for equipment maintenance and service repairs.
0001	ALL	04	07	\$50,000.00	Last year \$0.00. New requested budget item: This would support our efforts in a District Wide aspect of Group 1 equipment repairs and upgrades.
0002	ALL	04	07	\$170,599.00	Present Budget Codes: To purchase supplies to maintain the buildings and equipment on all campuses.
0002	ALL	04	07	\$197,197.00	Contracts to service equipment
0003	ALL	04	07	\$14,126.00	Repair of buildings
0004	ALL	04	07	\$22,357.00	Repair of equipment
0005	ALL	07	07	\$964,139.00	Classified Salary
0006	ALL	07	07	\$183,243.00	Classified Administrator
0007	ALL	04	07	\$88,481.00	Contracts
0008	ALL	07	07	\$101,394.00	PERS Classified
0009	ALL	07	07	\$66,720.00	OASD
0010	ALL	07	07	\$16,640.00	FICA
0011	ALL	07	06	\$245,110.00	H & W other Class
0012	ALL	07	06	\$3,442.00	Unemployment
0013	ALL	07	07	\$14,651.00	Workers Comp.

0014	ALL	06	07	\$129.00	Books
0015	ALL	06	04	\$3,900.00	Uniforms
0016	ALL	07	07	\$600.00	Graphics
0017	ALL	07	04	\$594.00	Travel
0018	ALL	07	04	\$6,900.00	Mileage
0019	ALL	06	06	\$40.00	Dues & Membership
0020	ALL	07	06	\$2,850.00	Telephone
0021	ALL	07	06	\$50.00	Telephone Adds
0022	ALL	04	06	\$83.00	Laundry
0023	ALL	04	07	\$350.00	Equipment Rental
0024	ALL	07	07	\$168.00	STNC
0025	ALL	04	07	\$15,033.00	Equipment Non-Instructional
0026	ALL	07	04	\$15,672.00	STNC (1X)
0027	ALL	00	00	\$0.00	Postage
0028	ALL	00	00	\$0.00	Comp Absences
0029	ALL	04	07	\$125,000.00	Supplies
0030	ALL	06	04	\$4,995.00	Travel
0031	ALL	06	06	\$5,265.00	Student Travel
0032	ALL	04	07	\$101,378.00	Mileage
0033	ALL	07	06	\$87.00	Telephone
0034	ALL	01	06	\$11,800.00	Atheletic Travel
0035	ALL	01	06	\$26,475.00	Field Trips
0036	ALL	04	07	\$24,095.00	Equipment Repair
0037	ALL	04	07	\$100.00	Contracts
0038	ALL	04	06	\$805.00	Equipment 1x over \$500
0039	ALL	04	07	\$20,721.00	Supplies

2.2a Current Classified 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 of manual 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 worker to 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 worker to 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 skilled maintenance workers; and perform related work as required.
Carpenter	40.00	12.00	Under general supervision, perform journey-level work in the design, construction, repair and maintenance 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 and maintenance 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 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 lead worker to other classified staff in the area; and perform related work as required
Administrative Assistant	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.

2.2b Current Management/Confidential Positions

Position	Hr/Wk	Mo/Yr	Job Duties
Director Facilities Operations	40.00	12.00	Reporting to the Dean of FPO, the FO Director supervises the managers for Custodial, Grounds and Recycling, and dotted line Building and Equipment (Petaluma), and their respective areas of responsibilities. Currently also functions as the Manager, Buildings and Equipment Maintenance (Open Position) which provides direct management and field supervision of building and equipment maintenance for all Sonoma County Junior College District properties.

Manager, Grounds & Recycling	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.

2.2c Current STNC/Student Worker Positions

Position	Hr/Wk	Mo/Yr	Job Duties
Administrative Assisitant	40.00	12.00	This position will support the Use of Facilities room requests.

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	Plumber/Fitter	Plimber/Fitter	Classified
0002	ALL	00	00		Administration Assisitant II	Classified
0003	ALL	00	00	Manager Building & Equipment Maintenance	Manager Building & Equipment Maintenance	Management
0004	ALL	00	00	Carpenter	Carpenter	Classified
0005	ALL	00	00	NA	Buyer (Facilities Operations Related)	Classified
0006	ALL	00	00		Coordinator Facilities Operations	Classified

2.3a Current Contract Faculty Positions

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

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

Rank	Location	SP	M	Discipline	SLO Assessment Rationale
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2.4b Rational 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
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2.4d Non-Instructional Equipment, Software, and Technology Requests

Rank	Location	SP	M	Item Description	Qty	Cost Each	Total Cost	Requestor	Room/Space	Contact
0001	ALL	00	00	Fleet Vans	1	\$30,000.00	\$30,000.00	Paul Bielen		Paul Bielen
0002	ALL	00	00	Fleet Prius Vehicle/Nissan Electric Vehicle	1	\$34,000.00	\$34,000.00	Paul Bielen		Paul Bielen
0003	ALL	00	00	Staff Vehicles	3	\$18,000.00	\$54,000.00	Paul Bielen		Paul Bielen
0004	ALL	00	00	Portable Compressor with 120 PSI Graffiti Removal	1	\$11,500.00	\$11,500.00	Paul Bielen		Paul Bielen

0005	ALL	00	00	Portable Emergency Generator	3	\$9,000.00	\$27,000.00	Paul Bielen		Paul Bielen
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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

District

Sonoma County Junior College District

2014-15

Roof	592,178
Utility	194,100
Mechanical	1,940,385
Exterior	138,840
Other	1,454,769

2017-18

Roof	85,050
Utility	1,017,083
Mechanical	959,259
Exterior	504,714
Other	403,200

2015-16

Roof	184,472
Utility	1,043,888
Mechanical	2,179,452
Exterior	93,901
Other	1,393,446

2018-19

Roof	100,000
Utility	400,050
Mechanical	359,100
Exterior	131,250
Other	80,000

2016-17

Roof	837,645
Utility	185,850
Mechanical	536,153
Exterior	282,407
Other	49,980

District Scheduled Maintenance 5 Year Plan

List of Critical Needs by Category

Roof Repair or Replacement 2014 - 2019

(CCI 4019)

Fiscal Year	Type/Use	Age	Age	Square Feet	Estimated Repair/	State or
of Funding ¹	of Building	of Building	of Roof	of Roof	Replacement Cost	Local Funds
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2014	Shuhaw (S Wing) (Class/Lab)	58	22	18,837	254,620	127,309
2014	Bailey Hall Wings under Mechanical Units	49	14	1,500	32,025	16,013
2014	Lark (Re-coat) (Class)	35	17	37,371	275,534	137,766
2014	Petaluma Jacobs Hall	20	20	600	18,000	9,000
2014	Petaluma Phase One Gutters	20	20	600	12,000	6,000
2015	Call (Flat Roofs) (Class/Lab)	18	16	3,000	55,125	27,563
2015	Button (Admin)	29	17	3,400	41,777	20,889
2015	Richard Thomas Classroom	14	14	1,920	8,820	4,410
2015	Haehl Skylight Relocation & Upgrade	32	15	1,000	78,750	39,375
2016	Emeritus (Class/Lab)	35	22	58,834	648,645	324,322
2016	Forsyth Upper Roofs	33	26	10,000	189,000	94,500
2017	Graphics Building	63	29	1,600	17,850	8,925
2017	Belden Building (Upper Roof)	30	19	4,000	23,100	11,550
2017	Jacobs Hall	19	16	15,957	44,100	22,050
2018	PSTC Bldg 500 Re-roof	11	11	14,173	80,000	40,000
2018	Shone Farm RT Classroom	11	11	1,920	20,000	10,000
				Totals	1,799,346	899,671

¹Report five fiscal years of needs and total for each fiscal year.

1,789,346.00	
2,840,970.00	
5,974,349.00	
1,151,112.00	
3,381,395.00	
15,137,172	

Utility Repair of Replacement 2014-2019

Fiscal Year of Funding¹	Type of Utility	Age of Utility	Type of Facility Served	(CCI 4019) Estimated Repair/Replacement Cost
(1)	(2)	(3)	(4)	(5)
2014	Bailey Field Switch Gear & Transformer	59	Athletic Field	
2014	Haehl Pavilion Switch Gear & Transformer	41	Class/Lab	
2014	Petaluma Fire Alarm Panel Programming	20	Phase One Campus	
2014	Petaluma Backup Power System	20	Phase One Campus	
2015	Analy Electrical	32	Art Class/Lab	
2015	Bech Electrical	45	Chemistry	
2015	Burbank Fire Alarm	74	Theater, Comjunic, CFS, Comm Ed	
2015	Forsyth Fire Alarm	32	Music	
2015	Bussman Electrical	31	Electronics	
2015	Maintenance Transformer Replacement	19	Maintenance Compound	
2016	Quinn Swim Center Switch Gear	45	Pool	
2016	Lark Hall Switch Gear	48	Class/Lab	
2017	Shuhaw Electrical	57	Math, Engineering, Physics	
2017	Bailey Hall Electrical	48	Admin	
2017	Baker A & B Wings Fire Alarm	47	Life Sciences	
2017	Tauzer Fire Alarm	32	PE/Athletics	
2018	PSTC - Fire Alarm Panel	11	Public Safety Class/Lab	
2018	Santa Rosa Water Valve Replacement	53	Infrastructure	
2018	PSTC - Photo Voltaic Upgrade	10	Class/Lab	
2018	Lounibos - Photo Voltaic Upgrade	15	Class/Lab	
			Totals	

¹Report five fiscal years of needs and total for each fiscal year.

List of Critical Needs

Mechanical Equipment Repair of Replacement 2014-2019

Fiscal Year of Funding¹	Type/Use	Age	Type of Facility Served	(CCI 4019) Estimated Repair/Replacement Cost	Local
(1)	(2)	(3)	(4)	(5)	(6)
2014	Santa Rosa EMS Controls	31	Various Buildings	115,500	
2014	Shuhaw HVAC Split Systems	30	Classroom	125,000	
2014	Lark HVAC	34	Class/Lab/Planetarium	414,835	2
2014	PSTC HVAC/EMS	11	Class/Lab	115,500	
2014	Bailey Hall HVAC Upgrade	48	Admin	414,750	2
2014	Computerized CMMS System	31	District-Wide	294,000	1
2014	Barnett HVAC	55	Class/Lab	57,750	
2014	Petaluma Phase I Replace/Pumps	20	Various Buildings	110,250	
2014	Petaluma Phase I Replace Cooling Tower	20	Various Buildings	69,300	
2014	Petaluma Phase I Hot Water Loop Repair	19	Various Buildings	80,000	
2014	Quinn Pool Variable Speed Drive (VSD) & New Motors		Athletic	73,500	
2014	Petaluma Phase One HHW	20	Class/Labs/Offices	70,000	

2015	Forsyth HVAC (Lower Unit)	32	Music Class/Lab	288,725	
2015	Emertius Hydronic/Plumbing	34	Liberal Arts	170,336	
2015	Burbank HVAC-South Wing	33	Auditorium/Class/Lab/Community Ed	393,750	
2015	Analy HVAC	33	Art/Class/Lab	304,779	
2015	Analy Plumbing	73	Art/Class/Lab	233,361	
2015	Bailey Hall Plumbing	48	Admin	336,000	
2015	Call Hall Boiler	19	Class/Lab	105,000	
2015	Bailey Hall Boiler	31	Admin	88,200	
2015	Baker Hall Boiler	26	Class/Lab	69,300	
2015	PetalumaPhase One Chemical System	20	Class/Labs/Offices	40,000	
2015	Petaluma Phase One Cooling Tower	20	Class/Labs/Offices	150,000	
2016	Lounibos HVAC	32	Class/Lab	258,053	
2016	Plover Chiller	16	Class/Lab	128,100	
2016	Petaluma Phase One Boiler	20	Class/Labs/Offices	150,000	
2017	Haehl Pavilion HVAC	31	Gymnasium	270,057	
2017	Bech HVAC/Fume Hoods	45	Class/Lab	279,702	
2017	Emeritus HVAC	34	Class/Lab	409,500	
2018	Forsyth HVAC (Upper Unit)	32	Class/Lab	236,250	
2018	Doyle Library HVAC Upgrade	10	Class/Lab	122,850	
			Totals	5,974,349.10	2,986

¹Report five fiscal years of needs and total for each fiscal year.

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List of Critical Needs by Category

Exterior Refinishing and Repair 2014-2019

Fiscal Year	Type and Size of Facility	Years Since Prior Refinishing	(CCI 4019)		Local Funding
			Estimated Repair/Replacement Cost	State or	
of Funding ¹					
(1)	(2)	(3)	(4)	(5)	
2014	Barnett Exterior Waterproofing (Class/Lab) 17,503sf	31	86,100	43,050	138,
2014	Quinn Exterior Stucco Waterproofing (PE/Swim) 29,863 sf	40	37,740	18,870	
2014	Petaluma Phase One Windows	20	15,000	7,500	
2015	Shuhaw Exterior Stucco Waterproofing (Class/Lab) 37,125 sf	28	63,901	31,950	93,
2015	Petaluma Phase One Second Floor Walkways	20	15,000	7,500	
2015	Petaluma Bldgs 700/800 Siding Repair	5	15,000	7,500	
2016	Maggini Exterior Waterproofing (Class/Lab) 43,744 sf	17	74,550	37,275	282,
2016	Bailey Exterior Stucco Waterproofing (Admin) 19,813 sf	41	42,395	21,197	
2016	Garcia Exterior Stucco Waterproofing (Class/Lab) 9,669 sf	76	85,168	42,584	
2016	Tauzer Exterior Stucco Waterproofing (P.E.) 36585 sf	40	80,295	40,147	
2017	Analy Exterior Stucco Waterproofing (Art/Class/Lab) 26,420 sf	32	37,970	18,985	504,
2017	Burbank Exterior Stucco Waterproofing (Class/Auditorium) 29,954 sf	47	51,610	25,805	
2017	Emeritus Exterior Stucco Waterproofing (Class/Lab) 58,836 sf	34	96,523	48,261	
2017	Lark Exterior Stucco Waterproofing (Class/Lab/Planetarium) 37,371 sf	34	141,946	70,973	
2017	Pioneer Exterior Stucco Waterproofing (Bookstore/Ofcs) 14,040 sf	38	88,465	44,232	
2017	Baker Exterior Stucco Waterproofing (Class/Lab) 31,309 sf	47	44,100	22,050	
2017	Forsyth Exterior Stucco Waterproofing (Music) 15,013 sf	32	44,100	22,050	
2018	Analy Village Exterior Waterproofing (Class/Lab) 19,334sf	10	115,500	57,750	131,

2018	Graphics Building Exterior Waterproofing (Copy Center) 1,600sf	29	15,750	7,875	
		Total	1,151,112	575,554	1,151,

¹Report five fiscal years of needs and total for each fiscal year.

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Fiscal Year of Funding ¹	Type and Description of Needs	Estimated Repair/ Replacement Cost	State or Local Funds
(1)	(2)	(3)	(74)
2014	ADA Compliance Truncated Domes & Ramps	315,000	157,500
2014	Barnett Interior Finishes	44,100	22,050
2014	Bech Hall Hot/Cold Water Loops	50,400	25,200
2014	Burbank Exterior Door Replacement	89,250	44,625
2014	Burbank Lock/Key/Security Upgrade	36,750	18,375
2014	Call Children's Center Lock & Key Upgrad w/Active Shooter Device	45,000	22,500
2014	MLPS Replacement of HPS to LED Lighting	400,000	200,000
2014	PSTC Pedestrian Crossing	65,000	32,500
2014	Quinn Interior/Exterior Pool Deck Repairs - Concrete & Tile	136,269	68,135
2014	Santa Rosa Campus Safety Lighting Exterior Poles LEDs	147,000	73,500
2014	Tauzer Interior Finishes	126,000	63,000
2015	Bech Hall Doors/Locks	69,300	34,650
2015	Shuhaw Restroom Sewer Line Repair	36,750	18,375
2015	Bailey Doors	55,296	27,648
2015	Bussman Doors/Card Access	165,375	82,688
2015	Campus Wide Lock/Key/Security System	399,000	199,500
2015	PSTC Floor Replacement	210,000	210,000
2015	PSTC Skid Pad Drain	262,500	131,250
2015	Quinn Sliding Glass Doors	55,125	27,563
2015	Shone Farm Fencing Repairs	84,000	42,000
2015	Shuhaw Doors/Locks	44,100	22,050
2015	Petaluma Capri Creek Floor Repair	12,000	6,000
2016	Baker Door Closers	13,230	6,615
2016	Santa Rosa Tennis Court Backstop Replacement	36,750	18,375
2017	Bailey Field Well/Pump Structure	262,500	131,250
2017	Santa Rosa Campus Bailey Field Track Replacement	67,200	33,600
2017	Santa Rosa Campus Sidewalk & Parking Lot Repair	73,500	36,750
2018	Emeritus Lock/Key/Security	80000	40000
	Total	3,381,395	1,795,697

¹Report five fiscal years of needs and total for each fiscal year.

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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

District EOC Org Chart – Mar 21, 2011

Operation
Area

President & Policy Group

Liaison Officer

EOC Director Dean – Facilities Planning & Operations

Public Information
Officer

Emergency Management
Coordinator

Safety Officer

OPERATIONS Section

PLANNING / INTEL Section

LOGISTICS Section

FINANCE / ADMIN Section

Law Enforcement
Branch

Situation Analysis Unit

Care & Shelter Branch

Purchasing & Cost
Accounting Unit

Incident Command Post

Documentation Unit

Transportation Supplies
Unit

Cost Recovery Unit

Haz-Mat Unit

Advance Planning Unit

Communications Unit

Claims & Comp Unit

Maintenance & Operations
Branch

Resource Status Unit

Information Tech Unit

Payroll Unit

Utilities & Damage Unit

Demob Unit

Search & Rescue
Branch

Medical Unit

CERT Unit

This organizational chart depicts the Sections Coordinators, Branches and Units during a Level 1 – Full Scale EOC Activation. A Level 2 – Partial EOC Activation may require fewer staff. The EOC Director and Section Coordinators may add or subtract positions as necessary to complete their planned objectives during the designated operational period. Note: The Board of Trustees as led by the President (referred to as the Policy Group), meets separately from the EOC.

EOC Org Chart March 21, 2011

3.5 Establish a Culture of Sustainability

Maximizing Energy Efficiency and Conservation

When you visit SRJC's Petaluma or Santa Rosa campuses and other college centers and sites, including the 365 acre Shone Farm near Forestville and the Public Safety Training Center in Windsor, SRJC's park-like sites are more than beautiful; they are all operated and maintained with the deliberate planning, actions, and consciousness of faculty, staff, and students whose combined efforts ensure collegewide energy efficiency and conservation. See Administrative Services Facilities Planning "[The Green Report](#)".

SRJC's culture is not only "green" in orientation; SRJC's entire facilities and maintenance operations and crews are organized to maximize efficiency and savings. The success of SRJC's environmental program can be attributed to implementing effective action and an adherence to specific methods that maximize the College's green sustainability consciousness and energy efficiency, which have significantly saved energy through the:

- Implementation of a highly efficient **Energy Management System**
- Reduced greenhouse gas emissions and other air pollutants through **life-cycle cost-effective energy measures**
- Reduced use of fossil fuels in facilities through **life cycle and cost-effective measures**
- Expanded use of renewable energy, such as passive solar, solar thermal, solar electric, wind, geothermal and biomass, and distributed generation technologies (fuel cells) in

facilities and in activities through alternative energy projects and by purchasing electricity from renewable energy sources

- Improvement of transportation efficiency to reduce petroleum consumption, improving fleet fuel efficiency, utilizing **alternative fuel vehicles (AFVs) and alternative fuels**
- **Reduction of water consumption** and associated energy use in its facilities to conserve water
- Incorporation of **environmentally sensitive building and construction materials** whenever possible in new construction projects and improvements to existing structures
- Turning off of heat and air energy on the weekends throughout the year

Buildings

SRJC's construction projects strive to reduce the environmental impact of college buildings while also creating spaces that are conducive to living, working, and learning.

Indoor Air Quality

Clean indoor air is an important component of green building. Our green cleaning program helps to maintain clean indoor air in SRJC facilities. We use many products with reduced or no volatile organic compounds, such as paint, furniture, and electronics.

Green Cleaning

Recognizing that many conventional cleaning chemicals contribute to health problems like asthma and even cancer, the College uses safer chemicals to improve indoor air quality, reduce sickness, and provide more conducive learning spaces. Our green cleaning program minimizes the amount of dirt entering buildings by using entryway mats and avoiding overuse of cleaning chemicals. Our staff is trained about safe chemical handling and cleaning practices so that they apply green cleaners and equipment.

Propagating Native Oaks

Part of SRJC's beauty is the spectacular grove of oak trees that inhabits the Santa Rosa Campus. To emphasize the importance and value of these great trees to the college community, SRJC established a program that propagates oaks seedlings from college properties and replants them, as needed. The oak trees are so important to SRJC that each student who graduates at the annual May commencement ceremony receives a live oak seedling as a symbol of SRJC's continuing protection of its natural environment. See more about the [Santa Rosa campus oaks](#).

College Sites Protect the Environment

College centers and sites have established numerous methods and projects that focus on protecting the local environment in unique ways. Several examples include:

- SRJC's **365-acre Shone Farm** near Forestville offers an outdoor laboratory for students with grazing land, vineyards, forest, and a three-acre sustainable agriculture instructional farm with organic gardens where students learn all facets of environmentally conscious agriculture.
- When existing wetland area was threatened by site development, the college built a two-acre **wetland pond** environment at the Windsor Public Safety Training Center as a mitigating measure.

- SRJC maintains and protects a 13-acre parcel on the west side of Santa Rosa at the old Naval Training Center that is entirely undeveloped and contains a large number of pristine and undisturbed native **Valley Oaks**.
- SRJC's **roses** have been a part of the college nearly since the College opens its doors. See more about the [Santa Rosa Junior College rose collection](#).
- The north boundary of the **Petaluma Campus** includes a creek called Capri Creek and wetland area that are being protected, lands that will continue to be protected as the campus doubles its capacity in the next several years

Recycling's Broad Participation Key to Success

All SRJC sites are beautifully maintained year round by a dedicated crew of specialists who incorporate cutting edge systems to strengthen environmental care and also raise the consciousness of employees.

SRJC's longstanding recycling program involves the whole college community in recycling beverage containers, cardboard, newspapers, paper, plastics, tires, white/brown goods, scrap metal, batteries, scrap metal, wood waste, concrete and asphalt, rubble, and even its grass, through on-site composting and mulching.

SRJC also recycles hazardous materials, including batteries, electronic items, hazardous products used in laboratories, and used oil and antifreeze from auto tech programs. Other hazardous products are recycled, ranging from cleaning products and papers to bottles, glass, and plastics.

Santa Rosa Campus - Energy Efficiency

Cogeneration Plant

Originally installed in 1989, a retrofit and modernization was completed in April 2005; the plant generates \$90,000 worth of electricity each year, and as a by-product, produces hot and chilled water for Tauzer Hall, Quinn Swim Center, Maggini Hall, Barnett Hall, and Bailey Hall. The project qualified SRJC for a \$168,000 rebate.

Lounibos Photovoltaic Project

After one year of operation, the project generated 80 kW of electricity at peak output, and has been augmented to add 30 kW more capacity. The original rebate was over \$300,000, and the new addition qualified SRJC for an additional rebate.

Frank P. Doyle Library Photovoltaics

With a 48 kW photovoltaic array on its roof, the library will not only generate a significant amount of the electricity used by the new library, but received a PG&E rebate of \$137,000.

Plover Hall Photovoltaic Project

Includes a 146 kW array on the roof to generate electricity for campus use, qualifying for a rebate of up to \$411,000.

Public Safety Training Center

Provides a 213 kW array mounted on carport shade structures in the south parking lot, qualifying for a rebate of up to \$600,000.

Cooling Systems

The HVAC system at the Race Health Sciences Building utilizes a state-of-the-art cooling system that is extremely efficient. The building won regional and national awards for low energy consumption because of this Indirect/Direct Evaporative Cooling (IDEC), also used in the remodeled Plover Hall and in the expansion of the Petaluma Campus, in conjunction with an under floor, low volume air distribution system that will further reduce energy costs.

Ice Cool Systems

Doyle Library utilizes an air conditioning system that makes ice at night when energy costs are lowest, and then circulates water through the ice during the day to chill it before sending it through the building, greatly reducing potential electrical costs for air conditioning.

Bertolini Student Service Center

When the new Bertolini Student Center opened in early 2010, its construction included an innovative heating and cooling system that uses deep wells to tap into groundwater, extracting heating and cooling from this water, which allows the building to have very small and seldom used backup heating and cooling systems. This provides nearly free, unlimited access to a heating and cooling medium. The facility also utilizes other innovative green technologies and design features, such as an Enthalpy Fan Wheel air circulation system. The Enthalpy Fan Wheel recovers exhausted air energy which in turn allows an increased 300% of fresh air in to the facility.

The water consumption for the cooling towers is drastically reduced. A conventional system would lose through evaporation close to 780,000 thousands gallons of water per year. The Geothermal system has no water loss due to evaporation. An example of this would be two full size Olympic pools or enough water for 2100 people for a year.

The low flow water efficient fixtures save 1,730,000 gallons of water per year.

The energy savings features has resulted in a 49 % reduction in energy consumption. Carbon emissions reduces by 421 tons per year which equals to 1,051,319 miles not driven or enough energy to supply 123 homes for one year. Excellent indoor air quality "Great Learning Environment".

Electrical & Hybrid Vehicles

The District has implemented the use hybrid vehicle for our fleet services. In turn, we have seven battery charged small carts for staff operational needs. One electrical vehicle (IT) was just brought to our fleet and we are using this vehicle as a beta test. SRJC is replacing aging vehicles in its fleet with electric and hybrid service vehicles to reduce emissions and lower fuel costs.

Reduce Chemical Usage

SRJC is moving away from conventional treatment of water in open loop air conditioning systems to reduce chemical usage and discharge into the environment, thereby reducing costs from water usage.

Frank P. Doyle Library

The best strategy for long-term efficiency of operation and resource conservation is a building that will require little exterior maintenance and not need replacement for many years to come. SRJC's four-level Frank P. Doyle Library on the Santa Rosa Campus was officially dedicated in September 2006. The stunning building incorporates a host of strategies that enhance its energy efficiency using sustainable materials and implementing building practices that work to create a healthy, user-friendly environment.

Doyle Features

The library uses full-brick exterior walls with copper flashings and a concrete mansard tile roof, reflecting the historical style of the Santa Rosa Campus. These materials will last for many decades, as have the predecessor buildings, and will need little ongoing maintenance. A variety of environmentally friendly products were specified for the interior finishes and furniture for the new Doyle Library, including:

- Use of recycled upholstery fabrics, plastic, and metal components that use post-industrial waste, and finishing techniques with low environmental impact.
- Many of the manufacturers employ environmentally friendly production methods that reduce air and water pollution and operate in energy-efficient manufacturing facilities.
- PVC-free wall covering and other interior finishes like natural linoleum, terrazzo, and stone counters reduce off-gassing of Volatile Organic Compounds (VOCs) and reduce use of non-renewable petroleum based resources. Durable materials will outlast many conventional finishes, reducing the need for remodeling and ultimately conserving resources over the life of the building.
- Recycled fiber in panel fabrics and wall covering
- Recycled fiber in upholstery fabrics
- Recycled plastics in seating
- Low VOC paint
- Hardwood floors in the art gallery and library of bamboo, a quick growing sustainable material.
- Ceiling tiles using more than 80% recycled material.
- The new library promotes digital technologies that consume less paper products and increases emphasis on the internal recycling program within the new facility

- Entryways, the central stairs, and the central rotunda have low-maintenance terrazzo flooring
- In the library, carpet tiles can be replaced in areas of high wear, reducing the need for large scale recarpeting.
- Carpet backings and fibers have an increasingly higher recycled content and the used carpeting can be completely recycled at the end of its useful life
- Linoleum is a natural product composed of cork, flax and linseed oil, it is incredibly durable and will outlast vinyl products many times; cleaning and maintenance for Linoleum is water-based with low impact on the environment
- There is a roof mounted photovoltaic system that generates 48kW of electricity for the library.
- The air conditioning system makes ice at night when power is at it's cheapest, and then circulates water through the ice during the day, cooling the water way down, and then circulates the water through the bldg A/C system to provide cool air during the day without having to add additional cooling cost.

Strategies for Long-Term Efficiency

The library exceeds the stringent California Title 24 Energy Compliance regulations by employing a variety of strategies intended to increase the long-term efficiency in operational costs, including:

- High efficiency evaporative cooled chillers that build ice during less expensive off-peak hours for use during times of peak demand. The ice is stored in five Thermal Energy Storage (TES) units in the main utility yard.
- A roof mounted 48 Kilowatt arrays of photovoltaic panels on the roof that will generate \$20,000 to \$30,000 dollars worth of electrical power that feeds into the campus grid, offsetting the need for electricity from local utilities. The solar power generation will be at a maximum during periods of peak cooling demand.
- White roof coatings reflect heat and reduce cooling demand.
- Users can switch on task lighting at library tables, as needed.
- Use of large windows and skylights on the fourth floor decreases the need for artificial lighting. All glazing is double pane Low-E glass with a low solar heat gain coefficient.
- The library uses all flat screen computers, greatly reducing the air-conditioning load over older cathode ray monitors.

Herold Mahoney Library Features, Petaluma Campus

The Herold Mahoney Library is located on the Petaluma Campus, and is one of the most technologically advanced libraries in Sonoma County.

It also serves as the architectural and cultural heart of the campus, where students gather and study and where numerous Arts & Lecture Series events are scheduled year round for the college and community.

The original Mahoney Library on the Petaluma Campus opened in fall 1995 when the campus was still a center. With the Petaluma Center's rapid growth, the Petaluma site was officially designated a campus in April 1999. As the Petaluma Campus has continued to grow, the original library outgrew its original space, and with the build out of the Petaluma Campus during the 2000s, a beautiful new library was built and dedicated in 2008.

The new facility is named for SRJC graduate Herold Mahoney, who served as a member of the SRJC Board of Trustees and was a successful local businessman. A graduate of SRJC in 1932, Herold served as President of the Associated Students. After graduating from SRJC he attended the University of California, Berkeley where he earned a bachelor's degree in business administration. After working for Union Oil Company and serving in the U.S. Navy, he returned to Petaluma and started his own business. Herold served on local school boards and as a member of SRJC's Board for ten years. In recognition of his dedicated service to the College and the community, both Petaluma Campus libraries were named in his honor. Mr. Mahoney passed away in November 1999.

Mahoney Features

With 35,000 square feet, the new Mahoney Library increased the size of Petaluma's campus library by four times. Situated at the center of the campus, it is the centerpiece of the eastern quadrangle and incorporates the latest information resources, learning environments, and technology, including:

- **First Floor** - Circulation Desk, Reference Desk, Library Classroom, Group Study Rooms, Connie Mahoney Reading Room, Art Gallery, Media Services
- **Second Floor** - Administrative Offices, Periodicals Reading Area, Conference Room, Group Study Rooms
- 300 reader seats
- 50+ computer stations
- 24+ media viewing stations
- 25 laptops for in-house use
- 9 group study areas
- Study rooms
- 28-station teaching lab
- Media Services Department
- Conference and meeting room with video conferencing
- Digital copy and print center

Petaluma's significantly expanded campus and the new library were dedicated on Friday, September 26, 2008. The library was showcased in the "2009 Library Design Showcase" issue of the ***American Library Association*** for its outstanding design elements including sustainability and accessibility.

4.1a Course Student Learning Outcomes Assessment

4.1b Program Student Learning Outcomes Assessment

4.1c Student Learning Outcomes Reporting

Type	Name	Student Assessment Implemented	Assessment Results Analyzed	Change Implemented
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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 Tours/Broadcasts				X	X	X	X	X	X							X
Integrated Environmental Planning Committ		X		X	X	X	X	X	X	X	X	X				X
Sustainable/Green Practices				X	X	X	X	X	X			X				X

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
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6.2a Program/Unit Conclusions

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

6.2b PRPP Editor Feedback - Optional

6.3a Annual Unit Plan

Rank	Location	SP	M	Goal	Objective	Time Frame	Resources Required
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