Total	Cost o	of On	ners	
07	IDE CIT	113		ŝ
0.6	THE REAL PROPERTY OF		онстанстон 03	
CAPITAL RENEWAL	1916 05 OPHRATIO	COMME	LUP/	
	MAINTENAD			

Yes 🗸

Riverside City College Total Cost of Ownership Assessment Physical Resource Advisory Group (PRAG)

Culinary Arts Academy

N/A

Does this project align with the Long Range Educational Plan?

No

- **Strategic Goals**
- 1. Student Success
- 2. Student Access 3. Institutional Effectiveness
- 4. Resource and Learning
- **Environment Development**

	5. Community Engagement
Comments: Goals 1, 2, 4 and 5	
The Educational Master Plan (EMP) serves as the guiding document f	or the Facilities Master
Planning on the RCC campus. The Culinary Arts Academy will house p	professional quality
demonstration and teaching kitchens, a bakery, classrooms, rooftop p	pavilion, and a public
dining room where Culinary students can gain experience and the con	mmunity can enjoy delicious fare
Have FTES considerations been addressed?	
Yes V No N/A	
Comments: Goals 1, 2, 3 and 4	
The college enrollment plan has taken into consideration the expecte	d growth population
in the Culinary Arts discipline. This program enrolls 35 students per	
a cohort. Additional Hospitality & Management classes will be offered	e e e e e e e e e e e e e e e e e e e
Does this project align with the Facilities Master Plan?	· · · · ·
Yes ✓ No N/A	
Comments: Goals 4 and 5	
The RCC Strategic Planning Executive Council on May 6, 2010 and the	e District Strategic
Planning Committee on May 28, 2010, recommended approval of this	<u> </u>
board approved on June 15, 2010. This project is in line with the Fac	
economic, intellectual, and creative opportunities and experiences fo	=
This facility will be one of the three educational facilities in downtow	
Have cap/load ratio considerations been addressed?	
Yes 🖌 No N/A	
Comments: Goal 4	
Cap load ratios considerations were initially evaluated in 2010 during	g the planning of the
project and have been reassessed since that period to ensure no nega	
ratios when analyzing interior space.	
Has sustainability considerations been addressed?	
Yes V No N/A	
Comments: Goal 4	
The Culinary Arts Academy facility is being designed to meet LEED Si	lver standards for green
(sustainable) efficiencies.	

Planning Year: Project Title: 2010 CAADO (Culinary)

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)									
Name of Facility	CULINARY	CULINARY			(choose from dropdown)				
State Inventory Building Number	existing facility data from FUS	ION)	XXX	Year Built		2016			
Age of Facility	0	Years		Last Addition	0				
Project Description	With the Culinary Arts Academy currently housed in leased space, the district is constructing this facility to house our world-class culinary program for display at one of the busiest corners in downtown Riverside. This facility will offer professional quality demonstration and teaching kitchens, a bakery, classrooms, and a restaurant (public dinning room) where Culinary students can gain experience and the community can enjoy delicious fare.								
Project Justification	The Culinary Arts prog the program and allow necessary for operation provide much needed e RCC Culinary Arts stud will be a necessary par	for growtl nal standa exposure dents will	h in the field, nor ards industry wide to local business be more closely	does it offer the cut e. The recommende and allow for progr located to campus p	tting edge culinar ed downtown loca ram growth. Add	y technology ation will itionally,			
Gross Square Footage (GSF)	15,916		Assignable Sq	uare Footage (AS	SF)	12,476			
Weekly Student Contact Hour C	apacity(WSCH)		6,205						

Project Delivery Management:	One-Time
Total Project Costs	\$ 17,024,381
Total Project Funding	\$ 17,024,381
Funding Sources Over / Under Project Costs	\$ -

Operations Management (Operations, Planned Maintenance,	User Requ	uest	ted Needs an	d R	epairs)			
			New					
			One-Time	Ν	ew Ongoing		Total	
Salaries and Benefits	s		-		722,302		722,302	
New FT Faculty & Counselor Equipment	t		-				-	
Equipment, Supplies and Services	s		1,300,794		445,136		1,745,930	
Technology	V		769,085		113,883		882,968	
Building Maintenance and Operations	s		9,863		119,657		129,521	
Total Operating Costs	s	\$	2,079,742	\$	1,400,978	\$	3,480,720	
Capital Asset Management - (Capital Renewal, Replacements, Improvements, Retrofits/Upgrade and Disposal)			Current	A	Annualized Costs	Re	eplacement Costs	
Total Projected Capital Asset Mana	gement	\$	17,812,823	\$	544,482	<u>\$</u>	19,151,638	
Total Cost of Ownership								
 Project Delivery Management 48.29% 			t by Physical roup (PRAG)				September 2	2015
indiagenent of			CULINARY Project Recommendation:					e Forwa
8.78% Capital Asset Management								



Total Cost of Ownership (TCO)

Career & Technical Requestor Education Project Title CAADO (Culinary) New or Replacement New

Department/Division CTE/Culinary Planning Year 2010 Date September 2015

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)

Name of Facility		/					(choose from	dropdo	wn)	
State Inventory Buildin	g Number (existing facility da	ata from FL	ISION)	x	ХХ				
Year Built	2016	Age of Fac	cility	0	Years		Last Addition		0	
With the Culinary Arts Academy currently housed in leased space, the district is constructing this facility to house our world-class culinary program for display at one of the busiest corners in downtown Riverside. This facility will offer professional quality demonstration and teaching kitchens, a bakery, classrooms, and a restaurant (public dinning room) where Culinary students can gain experience and the community can enjoy delicious fare.										
Project Justification	The Culinary Arts program is currently located in a facility that is not designed to accommodate the program and allow for growth in the field, nor does it offer the cutting edge culinary technology necessary for operational standards industry wide. The recommended downtown location will provide much needed exposure to local business and allow for program growth. Additionally, RCC Culinary Arts students will be more closely located to campus programs and services that will be a necessary part of their collegiate experience.									
Condition and Efficiend										
	(choose from dropdown) free form field for comments									
Present Condition A formal assessment of the facility will be completed by the State Chancellor's Office in 3 years (2019).										
Estimated Cost to Fu	Illy Renovat	e Building <i>(dat</i>	a in FUSIO	N)		\$		-		
Recent Renovations	No	Date of Reno	vation	Ν	I/A	Co	st of Renovation		\$	-
Describe	e Renovations	Below:								
N/A										
	(choo	se from dropdov	wn)				ree form field for comm			
Energy Efficiencies							refore excellent condit pleted by the State Ch			
							free form field for a	commen	ts	
Sustainability		The Culinary A (sustainable) e			g designed	to n	neet LEED Silver stan	dards fo	or green	
Square Footage Data:	Gross	15,916	A	ssignable	12,476		Efficiency	r	78%	
Programs/Services Ho The Culinary Arts Acader demonstration and teach students can gain experio	my will house ing kitchens	all programs re (production & b	elated to t asic skills	he culinary), a bakery	y discipline. v, classroon	The	e facility will include pr	ofessio		



Total Cost of Ownership (TCO)

Career & Technical Requestor Education Project Title CAADO (Culinary) New or Replacement New

Department/Division CTE/Culinary Planning Year 2010 Date September 2015

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)

Analysis of Interior Space (data from FUSION)

		ASF Inventory	Assigned Stations	free form field for comments
1	Classroom (100 space)	2,558	108	Educational classrooms.
2	Laboratory (200 space)	-	-	
3	Office (300 space)	1,489	7	Faculty and staff offices, lobby, reception area and fixed dais.
4	Library (400 space)	-	-	
5	AV/TV and Physical Education(500 space)	1,504	1	Demonstration kitchen, Ice carving room and media closet.
6	Assembly (600 space)	6,116	132	Restaurant, bakery, production kitchen, and basic skills kitchen, breakroom/resource center.
7	Data Processing and Storage (700 space)	809	-	Storage
8	Inactive (800 space)	-	-	
9	All Other Space	-		
	Total ASF	12,476		Total # of Rooms 38

Capacity Load Ratio/Utilization of Facility

- 1 Classroom Load (State Std.) 32-25 Hours/week
- 2 Classroom Use (F-06) <u>36</u> Hours/week
- 3 Laboratory Load (State Std.) 28-32 Hours/week
- 4 Laboratory Use (F-06) 47 Hours/week

<u>Please discuss outcome of space load ratios versus intended use</u>. If there is a negative effect on the overall Cap Load <u>Ratio, justify why this project should continue</u>.

The cap load ratios are not negatively affected by the build out of this facility. Culinary Arts was previously in a leased facility off campus and now will be co-located with the District Office.

Weekly Student Contact Hour Capacity(WSCH) (Maximum Capacity)	6,205	
Weekly Student Contact Hour Capacity(WSCH) (Current Capacity)	4,474	
Weekly Student Contact Hour (WSCH) (Currently Generated)	Not available	



Total Cost of Ownership (TCO)

Career & Technical Requestor Education Project Title CAADO (Culinary) New or Replacement Existing

Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)

Name of Facility	CULINAR	Y					(choose from	dropdow	ın)	
State Inventory Buildin	g Number	(existing facility d	ata from FU	SION)	х	хх				
Year Built	1995	Age of Fa	cility	20	Years	Last	Addition		0	
Project Description	With the Culinary Arts Academy currently housed in leased space, the district is constructing this facility to house our world-class culinary program for display at one of the busiest corners in downtown Riverside. This facility will offer professional quality demonstration and teaching kitchens, a bakery, classrooms, and a restaurant (public dinning room) where Culinary students can gain experience and the community can enjoy delicious fare.									
Project Justification	The Culinary Arts program is currently located in a facility that is not designed to accommodate the program and allow for growth in the field, nor does it offer the cutting edge culinary technology necessary for operation standards industry wide. The recommended downtown location will provide much needed exposure to local business and allow for program growth. Additionally, RCC Culinary Arts students will be more closely located to campus programs and services that will be a necessary part of their collegiate experience.								perational local	
Condition and Efficient										
	(choose fr	om dropdown)			fre	e form field	for comments			
Present Condition	Roof		This is a le no appare		lity howeve	r the roof a	ppears to be in	modera	ite conditi	on with
Present Condition	Mechanica	l	The package units are 10 years into a 20 year life cycle. They are in moderate condition.						rate	
Present Condition	Electrical		The age of the building is unknown however the electrical system is far past its capacity. There is no more breaker space in the panels therefore no additional equipment can be added.							
Present Condition	Low Voltag	e Electrical			year life cy addressabl		oor condition, i	t is not c	ompliant	to current
Present Condition	Plumbing		kitchen ne	eds comp		ement. The	tion. The main fixtures are in			
Present Condition	Structural					his building ne building.	are in good co	ndition.	There are	e no
Present Condition	Flooring						oor condition. I n was not movir			
Present Condition	Paint						eds paint. Many and spot painti			
Present Condition	Technology	/	Existing Technology is minimal and end of life. Technology to support instruction in kitchen is appropriate for use and six years into life.							
Present Condition	FFE		The furniture in the entire building is dated and should be replaced. It is past its useful life.							
Present Condition	Other		N/A							
Estimated Cost to Fu	ully Renova	te Building (da	ta in FUSIOI	V)		\$		-		
Recent Renovations		Date of Reno	vation	Ν	I/A	Cost of R	enovation		\$	-
Describ	e Renovation	s Below:								



Total Cost of Ownership (TCO)

Career & Technical **Requestor Education** Project Title CAADO (Culinary) New or Replacement Existing

Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)

	(choo	se from dropdown)			free form	field for comments			
Energy Efficiencies	Lighting		This building does not offer a lighting control system. Th not have motion sensor either. This lighting is a very ine						
Energy Efficiencies	HVAC / Me	echanical		The HVAC units are moderately efficient however they are controlled be stand alone thermostats that are highly inefficient.					
Energy Efficiencies	Plumbing		All toilets and urinals are not low flow and most are not sensor controlled for reduction in water usage. Replacement of the fixtures for water consumption is recommended.						
Energy Efficiencies	Roofing		The built up roof is not Title 24 compliant as per current code.						
Energy Efficiencies	Solar		N/A	N/A					
Energy Efficiencies	Wind		N/A	N/A					
Energy Efficiencies	Other		N/A						
					free	form field for com	nents		
Sustainability		N/A							
Square Footage Data:	Gross	16,723	Assignable	13,773		Efficiency	82%		
Programs/Services Ho The Culinary Arts Acader					· · · ·		eld for comme skills lab, baki		
kitchen, public dining roo									

Analysis of Interior Space (data from FUSION)	Leased F	Facility - ASF/Statio	ns information is not available
	ASF Inventory	Assigned Stations	free form field for comments
1 Classroom (100 space)	-	-	Educational classrooms.
2 Laboratory (200 space)	-	-	
3 Office (300 space)	-	-	Director office only.
4 Library (400 space)	-	-	
AV/TV and Physical 5 Education(500 space)	-	-	Demonstration kitchen.
6 Assembly (600 space)	-	-	Restaurant, baking kitchen, production kitchen, and skills lab.
Data Processing and 7 Storage (700 space)	-	-	Storage.
8 Inactive (800 space)	-	-	
9 All Other Space	-	-	
Total ASF	-		Total # of Rooms 0



Total Cost of Ownership (TCO)

Career & Technical Requestor Education Project Title CAADO (Culinary) New or Replacement Existing

Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

SPACE MANAGEMENT (Planning & Development, Utilization and Programming)

Capacity Load Ratio/Utilization of Facility

- 1 Classroom Load (State Std.) 32-25 Hours/week
- 2 Classroom Use (F-06) 36 Hours/week
- 3 Laboratory Load (State Std.) 28-32 Hours/week
- 4 Laboratory Use (F-06) 47 Hours/week

Please discuss outcome of space load ratios versus intended use. If there is a negative effect on the overall Cap Load Ratio, justify why this project should continue.

The cap load ratios are not negatively affected by the build out of this facility. Culinary Arts was previously in a leased facility off campus and now will be co-located with the District Office.

Weekly Student Contact Hour Capacity(WSCH) (Maximum Capacity)	3,803	
Weekly Student Contact Hour Capacity(WSCH) (Current Capacity)	1,992	
Weekly Student Contact Hour (WSCH) (Currently Generated)	Not available	



Total Cost of Ownership (TCO)

Requestor Project Title

Career & Technical Education CAADO (Culinary)

Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

Project Delivery Management (Design, Construction & Start-up/Commissioning)

Total Project Cost (Capital Outlay)	One-Time Costs		
Acquisition		New	(choose from dropdown)
Preliminary Plans	1,454,524	New	(choose from dropdown)
Working Drawings	105,503		
Construction	14,196,641		
Equipment	 1,267,713		
Total Project Cost (Capital Outlay)	\$ 17,024,381		
Project Funding Sources:			
State Funding	222.250		tribution.
Local Funding (including donations)	323,250	RCC Con	
Grant Funding	325,000	Redevelo	•
College Contribution (budgeted resources)	 16,376,131	measure	C Funding
Total Funding Sources	\$ 17,024,381		
Funding Sources Over / Under Project Costs	\$ -		



Requestor Career & Technical Education Project Title CULINARY Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

Operations Management (Operations, Planned Maintenance, User Requested Needs and Repairs)

Use the Total Cost of Ownership Estimator

			New	New		
		Select Job Title (Choose from Drop Down and	One Time	Ongoing	New Ongoing	
Salaries and Benefits		Cost Information will populate automatically)	Salary	Salary	Benefits	Total
Certificated Administrator/Manager						
Classified Manager		Executive Director, Hospitality and Culinary Arts		89,335	57,059	146,394
Full-Time Classified - Position 1		Culinary Program Specialist		49,392	47,977	97,369
Full-Time Classified - Position 2						
Full-Time Classified - Position 3						
Full-Time Classified - Position 4						
Full-Time Classified - Position 5						
Full-Time Classified - Position 6						
Full-Time Classified - Position 7						
Full-Time Classified - Position 8						
Full-Time Classified - Position 9						
Full-Time Classified - Position 10						
Full-Time Classified - Position 11						
Permanent Part-Time Classified Enter FTE						
New Position Request	0.49	Custodian		16,696	858	17,554
Permanent Part-Time Classified Enter FTE						
New Position Request	0.49	Maintenance Mechanic - General		25,512	1,311	26,823
Full Time Faculty - Enter # of FT	3.00	All Full Time Faculty are Costed at H-6 (\$89,213)		267,639	151,511	419,150
Full Time Faculty - Enter # of FT		All Full Time Faculty are Costed at H-6 (\$89,213)				
Full Time Faculty - Enter # of FT		All Full Time Faculty are Costed at H-6 (\$89,213)				
Full Time Faculty - E nter # of FT		All Full Time Faculty are Costed at H-6 (\$89,213)				
Full Time Counselor/Librarian Enter # of FT	0.00	All Full Time Counselors/Librarians are Costed at H-6 (\$94,282)				



Requestor Career & Technical Education Project Title CULINARY Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

Operations Management (Operations, Planned Maintenance, User Requested Needs and Repairs)

		Select Job Title	Rate Will Fill In	Ongoing? Select Yes or No				
Short Term Non Clas	sified Enter Annual Hrs.				0	0		
Student Employee	Enter Annual Hrs	Student Aide I	\$ 9.00	No	0	0	-	
Associate Faculty	Enter Faculty Load	0.60 Associate Faculty Coste	ed at \$73.82/hr.	Yes	0	13,006	2,006	15,012
Associate Faculty	Enter Faculty Load	Associate Faculty Coste	Associate Faculty Costed at \$73.82/hr.			0	-	
Associate Faculty	Enter Faculty Load	Associate Faculty Coste	Associate Faculty Costed at \$73.82/hr.			0	-	
Associate Faculty	Enter Faculty Load	Associate Faculty Coste	Associate Faculty Costed at \$73.82/hr.			0	-	
Associate Faculty	Enter Faculty Load	Associate Faculty Coste	Associate Faculty Costed at \$73.82/hr.			0	-	
PT Counselor or Libra	arian Enter Annual Hrs.	PT Counselor/Librarian	Costed at \$73.82/hr.		0	0	-	
Salaries and Benefits Total					-	461,580	260,722	722,302

		New	New	
New FT Faculty & Counselor Equip	One Time	Ongoing	Total	
Computer, Desk, Bookcase & Phone	Will Populate Automatically When Adding Permanent Positions	-		-
New FT Faculty & Counselor Equip	-		-	



Requestor Career & Technical Education Project Title CULINARY Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

Operations Management (Operations, Planned Maintenance, User Requested Needs and Repairs)

	Life		New	New		
Supplies, Services and Equipment	Cycle	Enter Description	One Time	Ongoing	Total	
Supplies		Instructional, Office and Repair Parts, Food	43,463	135,672	179,135	
Software		Instructional Media, Software, Maintenance & Licensing	-	1,940	1,940	
Printing or Copying Services		Printing	-	340	340	
Memberships/Subscriptions		Memberships, Subscriptions, Reference Books, Surveys	-	-	-	
Travel/Conference/Training		Mileage, Travel, Conference, Transportation	-	850	850	
Advertising			2,437	-	2,437	
Repairs		Repairs by Vendor	-	14,011	14,011	
Other Services		Other Services, Insurance, Permits, Indirects, Bank Charges	62,700	4,733	67,433	
Office Equipment < \$1,000		Office Phones	5,552		5,552	
Equipment Maintenance Agreements/Other						
Contracts		Preventative & Repair for equipment	10,590	287,590	298,180	
		Benches, Receptacles, outside emergency phones, Key				
Furniture and Fixtures		Access System, Furniture	910,000		910,000	
Instructional Equipment		Culinary Kitchen Equipment	266,052		266,052	
Supplies, Services and Equipment Total			1,300,794	445,136	1,745,930	



Requestor Career & Technical Education Project Title CULINARY Department/Division CTE/ Culinary Planning Year 2010 Date September 2015

Operations Management (Operations, Planned Maintenance, User Requested Needs and Repairs)

					Upgrade /
	Life		New One	Annualized	Replacement
Technology	Cycle		Time	Cost	Cost
Computer Hardware/Software	Varies	Enter Information on Technology Tab	769,085	113,883	808,567
Technology Total	-		769,085	113,883	808,567

		New	New	
Operating Expenses - Buildings	choose building from dropdown list	One Time	Ongoing	Total
Building Maintenance	CULINARY			-
Service and Routine Maintenance				-
Custodial Supplies		5,970	9,345	15,316
Custodial Equipment		1,788	-	1,788
Maintenance Supplies	Routine Maintenance: Restrooms and Lighting, Fixtures and Fixed Equipment	-	13,132	13,132
Contracts / Services	Maintenance Agreements	-	9,047	9,047
Security Services	Firstline Security Systems, Security by Design	2,105	380	2,485
Insurance /Licenses		-	-	-
Grounds Care, Landscape/Hardscape Maintenance		-	1,882	1,882
Mandated Costs (Integrated Waste Management)	Permits, Fees, Fire Inspections	-	23,760	23,760
Telephone (both landlines and cell phone)	Cell Phone	-	811	811
Waste Hauling and Waste Diversion (Recycling)		-	1,618	1,618
Annualized Costs:	Flooring, Wall Coverings, Ceiling, Plumbing, Doors	-	5,247	5,247
Utilities (Electric, Gas, Water)	Use Utilities Estimator on Utilities Tab		54,434	54,434
Operating Expenses Total		9,863	119,657	129,520



Requestor Career & Technical Education Project Title CAADO (Culinary) Department/Division CTE/ Culinary Planning Year 2010 Date Sept 2015

Capital Asset Management

(Capital Renewal, Replacements, Improvements, Retrofits/Upgrade and Disposal)

Name of Facility	CULINAR	Y	(choose from dropdown)				
State Inventory Buildi	er (existing facility data	a from FUSION)	XXX	Year Built	2016		
Age of Facility		0	Years		Last Addition		0

	Life Cycle Range		Current	Ar	nualized Cost	Replacement Cost
Equipment > \$1K per item	10	\$	266,052	\$	26,605	\$ 292,657
Equipment < \$1K per item	5		43,276		4,328	47,604
Furniture Replacement	6 - 30 years		910,000		30,333	937,300
Vehicle Acquisition			-		-	-
Roof Replacement			-		-	-
Lighting System Upgrade or Replacement	5		12,429		2,486	13,051
Elevators	25		160,898		9,047	176,988
HVAC System Upgrade or Replacement	25		2,287,693		91,508	2,516,462
IMC Equipment (detail on separate tab)	6		502,000		83,667	517,060
Other Technology Equipment	5		271,827		30,596	291,217
Building Construction/Acquisition	50	_	13,295,648		265,913	14,359,300
Building Improvement			-		-	-
Land Acquisition			-		-	-
Interior Renovations			-		-	-
Site Improvement			-		-	-
Swing Space			-		-	-
Removal of Existing Facility			-		-	-
Moving Costs			63,000		-	-
Address Repurpose			-		-	-
Demolition			-		-	-
Other			-		-	-
Total Projected Capital Asset	Management	\$	17,812,823	\$	544,482	<u>\$ 19,151,638</u>