



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION

Agenda Item 11.1n

Meeting Date: June 25, 2020

Subject: Approve Request to Add New Council on Occupational Education (COE) Program and Pathway to CTE Programs at Charles A. Jones Career and Education Center

- Information Item Only
- Approval on Consent Agenda
- Conference (for discussion only)
- Conference/First Reading (Action Anticipated: _____)
- Conference/Action
- Action
- Public Hearing

Division: Academic Office

Recommendation: Approve adding new program.

Background/Rationale: CAJ in partnership with the Sacramento Valley Manufacturing Initiative (SVMI), has received grant funding to start a new **Manufacturing Pre-Apprenticeship program (90 Hours)**, which will be part of a new manufacturing training pathway at CAJ. The pathway will be called the Manufacturing Training Center at CAJ. SVMI is the lead for SETA grant funds awarded to start this pathway, and Valley Vision is the fiscal agent. With the creation of this manufacturing pathway, CAJ will be the first adult education program in the region providing adult students with an immersive education experience in the various aspects of manufacturing. **The first phase of the program will develop a Pre-Apprenticeship program based on the model established and implemented by SVMI in 2018 and 2019**, but will be expanded to offer participants an occupational certificate with training as a Manufacturing Generalist. The “Manufacturing Generalist” pre-apprenticeship certification will allow for the development of skills applicable in a variety of manufacturing work environments. The focal areas for these occupations will include machining, fabrication, logistics, quality control, warehouse operations, purchasing, and general assembly, to promote entry-level employment to occupations with minimum barriers of entry. The second requirement of the SETA grant is to establish the region’s first full manufacturing apprenticeship program with the first cohort of students enrolled before the end of the grant period. **CAJ and SVMI will partner on creating the apprenticeship program as part of the manufacturing pathway.** As the MTC becomes established, there are future plans to offer day-long survey classes similar to the makerspace model where students are exposed to a wide variety of manufacturing processes. The survey class will allow individuals to gauge interest before enrolling in a full-time class. Regional employers have already donated and will continue to donate used manual machining and fabrication equipment, with low installation and commissioning, to keep setup costs low. For continuing education to incumbent workers, Ruxco Engineering of Diamond Springs, California, has donated a Coordinate

Measuring Machine that is currently housed at CAJ, allowing CAJ and SVMl to offer future continuing education classes to manufacturing workers interested in learning inspection skills in the area of Quality and Assurance. CAJ currently provides career education for adults who are re-entering the workforce such as immigrants, at-risk young adults, and other groups who have barriers to entering the workforce. The Manufacturing Training Center will help create new career opportunities for these target populations. CAJ is also home to a SETA's America's Job Centers of California which plays a critical role in delivering workforce development services. The Job Center provides wrap-around and direct services along with partner referrals. Leveraging resources to provide wrap-around services allows for higher employment rates, residents earning a living wage, and become more skilled workers. SVMl has implemented two prior successful pre-apprenticeship programs in 2018-19 with a 75 percent completion rate. **Under the SETA grant, SVMl is contracted to serve 105 students in the CAJ MTC Pre-Apprenticeship program, between September 2020 and August 30, 2021.** SVMl and CAJ will also be working closely to develop a hybrid model for the program, with distance education components, in the event that face-to-face activities are unavailable for a period of time. **CAJ will request SCUSD approval for any face-to-face activities, and safety plans will be developed in consultation with the district facilities department.** The SETA grant will cover the cost of program development and implementation, the SCUSD-CAJ instructor and of improvements needed to the CAJ MTC classroom spaces. (See the SVMl Letter outlining the attached SETA grant award amount dedicated to CAJ activities, and of grant deliverables. SVMl and SCUSD MOU and contract are in progress.)

Financial Considerations: None. SVMl was awarded the SETA grant to launch the Manufacturing Pre-Apprenticeship program in partnership with CAJ. CAJ and SVMl continue to apply for other grant opportunities for the expansion of MTC services, including a Measure U grant application submitted in January 2020 that is on hold due to the impact of COVID-19. Employer sponsorships have already been secured with the donation of equipment for operation within the space. SVMl continues to procure donations for the MTC at CAJ. With the current SETA grant, funding is already secured for launching the Pre-Apprenticeship component. With SCUSD Board approval, CAJ will be able to recruit for a part-time Pre-Apprenticeship teacher.

LCAP Goal(s): College, Career and Life Ready Graduates, Operational Excellence

Documents Attached:

1. SVMl letter outlining SETA grant partnership with CAJ and deliverables
2. SETA Slingshot 3.0 grant award letter
3. Signature page for approvals to add new CAJ program
4. Manufacturing Occupational Employment Statistics

<p>Estimated Time of Presentation: N/A Submitted by: Christine Baeta, Chief Academic Officer Susan Gilmore, Ph.D. Adult Education Director Approved by: Jorge A. Aguilar, Superintendent</p>



June 7, 2020

SCUSD Board of Education
5735 47th Avenue
Sacramento, CA 95824

SUBJECT: Approve Request to Add New Council on Occupational Education (COE) Program and Pathway to CTE Programs at Charles A. Jones Career and Education Center - SETA RPI Grant

Dear SCUSD Board of Education,

The Sacramento Valley Manufacturing Initiative (SVMI) has been diligently working with the Charles A Jones Career & Education Center for the past sixteen (16) months to develop a manufacturing technology center on the campus.

In 2020, the Sacramento Employment Training Agency (SETA) received a \$160,000 Workforce Innovation & Opportunity RPI grant from the State of CA to implement career pathways for adults (see attached award letter). A critical element of the grant is the implementation of a Regional Manufacturing Training Center at Charles A Jones by SVMI and its partner, Charles A Jones. The program will focus on training economically disadvantaged groups for careers in manufacturing and related areas.

Under the terms of the grant application and award, the RMTC will graduate a minimum of 105 individuals from the Introduction to Manufacturing Pre-apprenticeship Programs, and achieve an 80% (84 individuals) placement rate. Second, SVMI will develop a CNC machinist apprenticeship program that is registered with the US Dept of Labor and the State of CA Dept of Apprenticeship Standards. T

Grant funds will be used for the following purposes

● Hire 1 part-time instructor:	\$ 30,000
● Curriculum developer/lab assistant:	\$ 22,500
● Apprenticeship program manager:	\$ 15,000
● Classroom materials to support distance learning:	\$ 10,000
● Facilities maintenance:	\$ 22,000
● Shipping & rigging for equipment:	\$ 1,500
● Equipment maintenance	\$ 8,100
● Program materials & supplies	\$ 28,000
● Program reserve/unanticipated expenses	\$ 5,900
● <u>Valley Vision fiscal management</u>	<u>\$ 16,000</u>
TOTAL	\$160,000

As the State and the nation recover from the Covid 19 pandemic, it is critical that we build successful education and training programs which enable dislocated and economically disadvantaged individuals to pursue meaningful career pathways which support them and their families.

SVMI is proud of its partnership with Charles A Jones and looks forward to continued success as we build the Manufacturing Training Center Program into a fully accredited program by the Council on Occupational Education.

Sincerely,



Kevin McGrew
SVMI President

Director of Quality Management
Siemens Mobility

Attachment: SETA Award Letter



Sacramento
Employment and
Training
Agency

April 6, 2020

GOVERNING BOARD

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KATHY KOSSICK
Executive Director

925 Del Paso Blvd., Suite 100
Sacramento, CA 95815

Main Office
(916) 263-3800

Head Start
(916) 263-3804

Website: <http://www.seta.net>

Ms. Meg Arnold, Interim CEO
Valley Vision, Inc.
3400 3rd Avenue
Sacramento, CA 95817

CFDA #: 17.258

Dear Ms. Arnold:

Congratulations! On January 21, 2020, the Sacramento Employment and Training Agency was awarded Regional Planning Implementation (RPI) Slingshot 3.0 grant funds on behalf of the Capital Region Planning Unit. As a subcontractor under the grant, Valley Vision, Inc. has been awarded \$160,000 in Workforce Innovation and Opportunity Act, RPI funds to continue to convene the members and coordinate the activities of the Sacramento Valley Manufacturing Initiative (SVMI), and to implement the Regional Manufacturing Training Center (RMTC) in partnership with the Sacramento City USD-Charles A. Jones Adult Education Center. The term of this WIOA Services Contract #255999SVMI(2) will be from April 1, 2020 through September 30, 2021.

In order to proceed with this contract, please provide the following document to SETA's Contracts unit:

- Board Resolution (original signature with corporate seal or notary)

The above document will be provided to you electronically.

Time is of the essence; therefore, please submit the completed document and email to Corey.Lagbao@seta.net no later than **Friday, April 24, 2020**. If you have any questions concerning this award or completing this document, please contact me at 916-263-3838.

Sincerely,

Corey Lagbao
Workforce Development Analyst III

cc: Trish Kelly, Evan Schmidt

“Preparing People for Success: in School, in Work, in Life”

Charles A. Jones Career and Education Center – 323100
Request for Program Changes Under 25%

Program to Add to Manufacturing Pathway	<i>Manufacturing Pre-Apprenticeship</i>	<i>Hours</i> <i>90</i>	<i>CIP Code</i> <i>48.0503</i>
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The changes herein are approved as noted:

Jessie Ryan, Board President, Area 7
Sacramento City Unified School District

Date

Jorge A. Aguilar, Superintendent

Date

Occupational Employment Statistics

51-4041 Machinist

Set up and operate a variety of machine tools to produce precision parts and instruments. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
384,350	1.0 %	\$21.75	\$45,250	0.3 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$13.01	\$16.41	\$20.97	\$26.36	\$31.43
Annual Wage (2)	\$27,050	\$34,130	\$43,630	\$54,830	\$65,360

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	99,400	27.78	\$20.97	\$43,620
Machinery Manufacturing (3331, 3332, 3334, and 3339 only)	39,160	5.38	\$22.07	\$45,910
Metalworking Machinery Manufacturing	27,110	15.00	\$21.51	\$44,750
Fabricated Metal Product Manufacturing (3321, 3322, 3325, 3326, and 3329 only)	22,100	4.66	\$21.09	\$43,860
Motor Vehicle Parts Manufacturing	21,160	3.53	\$20.55	\$42,730

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
<u>Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing</u>	99,400	27.78	\$20.97	\$43,620
<u>Metalworking Machinery Manufacturing</u>	27,110	15.00	\$21.51	\$44,750
<u>Engine, Turbine, and Power Transmission Equipment Manufacturing</u>	9,730	10.26	\$21.74	\$45,230
<u>Machinery Manufacturing (3331, 3332, 3334, and 3339 only)</u>	39,160	5.38	\$22.07	\$45,910
<u>Fabricated Metal Product Manufacturing (3321, 3322, 3325, 3326, and 3329 only)</u>	22,100	4.66	\$21.09	\$43,860

Industries at a Glance

Fabricated Metal Product Manufacturing: NAICS 332

About the Fabricated Metal Product Manufacturing subsector

The fabricated metal product-manufacturing subsector is part of the manufacturing sector. Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture, or treat metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

North American Industry Classification System

The fabricated metal product-manufacturing subsector consists of these industry groups:

- Forging and Stamping: NAICS 3321
- Cutlery and Handtool Manufacturing: NAICS 3322
- Architectural and Structural Metals Manufacturing: NAICS 3323
- Boiler, Tank, and Shipping Container Manufacturing: NAICS 3324
- Hardware Manufacturing: NAICS 3325
- Spring and Wire Product Manufacturing: NAICS 3326
- Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing: NAICS 3327
- Coating, Engraving, Heat Treating, and Allied Activities: NAICS 3328
- Other Fabricated Metal Product Manufacturing: NAICS 3329

Workforce Statistics

This section provides information relating to employment in fabricated metal product manufacturing. These data collected from employer or establishment surveys. The following tables present an overview of the industry including the number of jobs, data for occupations common to the industry, and projections of occupational employment change.

Employment

Data series	Back data	Feb. 2020	Mar. 2020	Apr. 2020	May 2020
Employment (in thousands)					
Employment, all employees (seasonally adjusted)		1,483.9	1,475.0	(P)1,365.3	(P)1,390.1



Industries at a Glance

Data series	Back data	Feb. 2020	Mar. 2020	Apr. 2020	May 2020
<u>Employment, production and nonsupervisory employees (seasonally adjusted)</u>		1,102.6	1,097.6	(P)997.6	(P)1,018.4

Earnings and Hours

The latest industry averages of hourly earnings and weekly hours and annual earnings are shown for occupations commonly found in fabricated metal product manufacturing.

Earnings and Hours of All Employees

Data series	Back data	Feb. 2020	Mar. 2020	Apr. 2020	May 2020
<u>Average hourly earnings</u>		\$26.12	\$26.22	(P)\$26.76	(P)\$26.96
<u>Average weekly hours</u>		41.0	40.7	(P)38.5	(P)39.2

Earnings by Occupation

Data series	Wages, 2019			
	Hourly		Annual	
	Median	Mean	Median	Mean
<u>Cutting, punching, and press machine setters, operators, and tenders, metal and plastic</u>	17.06	17.70	35,480	36,810
<u>First-line supervisors/managers of production and operating workers</u>	29.51	31.14	61,390	64,780
<u>Machinists</u>	20.63	21.26	42,920	44,230
<u>Team assemblers</u>	15.74	16.58	32,740	34,490
<u>Welders, cutters, solderers, and brazers</u>	19.60	20.42	40,780	42,470

Occupational Employment Statistics

13-1081.00 Logisticians

Logisticians analyze and coordinate an organization’s supply chain—the system that moves a product from supplier to consumer. They manage the entire life cycle of a product, which includes how products is acquired, allocated, and delivered.

Work Environment

When problems arise, logisticians must respond quickly and devise solutions.

Logisticians held about 174,900 jobs in 2018. The largest employers of logisticians were as follows:

Manufacturing	24%
Federal government	18
Professional, scientific, and technical services	16
Management of companies and enterprises	10
Wholesale trade	9

Logisticians work in almost every industry. Some logisticians work in the logistical department of a company, and others work for firms that specialize in logistical work, such as freight-shipping companies.

Job Prospects

Job opportunities should be good because of employment growth and the need to replace the logisticians who are expected to retire or otherwise leave the occupation.

Employment projections data for logisticians, 2018-28

Occupational Title	SOC Code	Employment, 2018	Projected Employment, 2028	Change, 2018-28		Employment by Industry
				Percent	Numeric	
Logisticians	13-1081					

Annual wages for Logisticians in Sacramento--Roseville--Arden-Arcade, CA Metro Area

