



MEETING OF: November 14, 2017

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TITLE: Expansion of CTE Programming at Pueblo HS, Cholla HS, and Sahuaro HS for the 2018-2019 school year.

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ITEM #: 14

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Information: X

Study:

Action:

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#### PURPOSE:

To request Governing Board approval to develop and implement Healthcare Foundations at Pueblo High School to service students from both Pueblo and Cholla.

To request Governing Board approval to develop and implement Computer Science at Cholla and Sahuaro High Schools.

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#### DESCRIPTION AND JUSTIFICATION:

Healthcare Foundations: The course provides students exposure to a variety of health related and medical careers and is prerequisite for the all the JTED Central Healthcare Pathway programs. The course would be available to Sophomores and Juniors with the following pathways available after successful completion.

- Junior: Pathway to Certified Caregiver, Health Information Management (Central Campus Hybrid Class), Medical Assisting, EMT, Physical Therapy Tech and LNA.
- Sophomore: Pathway to Health Information Management (Central Campus Hybrid Class).

We are proposing opening two sections for SY 18.19. The courses would be housed at Pueblo High School and would be a part of the TUSD Career and Technical Education department. TUSD would work hand in hand with Pima JTED on the hiring, development and implementation of the course.

- Section 1: Would be available to Pueblo Students 10-11, and would be offered five days a week during 6th period.
- Section 2: Would be a hybrid class offered to juniors, two days a week for 2.5 hours each day. This section would be available to both Pueblo and Cholla students. It would entail transportation and reduced schedules for those students traveling from Cholla. If timed correctly students would theoretically be able to ride Pueblo's activity bus home.

TEALS – Computer Science: We are proposing opening two sections of Introduction to Computer Science in SY 18.19. The courses would be housed at Cholla and Sahuaro High Schools and would be a part of the TUSD Career and Technical Education department. The program would eventually grow to include AP Computer Science Principles and AP Computer Science A. TUSD would partner with TEALS to provide a co-teaching model, pairing an industry professional with the classroom teacher.

- Introduction to Computer Science (YR1): This class is built around the University of California's CS 10 course. It explores a variety of basic computational thinking and programming concepts through a project based learning environment. It is geared for the first-year computer science student, but would be marketed to Freshman and Sophomores. Curriculum is provided through TEALS.
- AP Computer Science Principles (YR2): This class would be taken the second year of the program by those students that have completed Introduction to Computer Science. It is built around fundamentals of computing, including problem solving, working with data, understanding the internet, cybersecurity and programming. Curriculum is provided through Code.org.
- AP Computer Science A (YR3): This class is built around the University of Washington's CSE 142 course. The class uses industry – standard Java programming language and presents topics that are built around problem solving. The daily lessons are based around group activities and projects. The curriculum is provided through TEALS.

Healthcare Foundations would require a qualified and approved instructor and curriculum. JTED can provide assistance with the hiring and curriculum. The approximate cost of opening a Healthcare Foundations program would be \$50,000 start-up. The ongoing fixed cost would be approximately \$10,000 for supplies and an additional \$3,000 for skills lab and clinical assistants.

The approximate cost of opening a Computer Science program would be \$5,000.00 per section. This cost covers the expense of the industry professional working with the classroom teacher. If a computer refresh is needed that would entail an additional expenditure of approximately \$40,000.00.

Mr. Charles McCollum, Director of CTE Programs will be available to address questions presented by Member of the Governing Board.

BOARD POLICY CONSIDERATIONS:

LEGAL CONSIDERATIONS:

For all Intergovernmental Agreements (IGAs), Initiator of Agenda Item provides the name of the agency responsible for recording the Agreement after approval:

For amendments to current IGAs, Initiator provides original IGA recording number:

Legal Advisor Signature (if applicable)

BUDGET CONSIDERATIONS:

	District Budget
	State/Federal Funds
123,000.00	Other JTED
Budget Cost	Budget Code
	266.300.1000.67XX.5049.20000.5049


Budget Certification (for use by Office of Financial Services only):

Date  
I certify that funds for this expenditure in the amount of \$ are available and may be:  
Authorized from current year budget  
Authorized with School Board approval  
Code: Fund:

INITIATOR(S):

Dr. Gabriel A. Trujillo, Assistant Superintendent of Curriculum and Instruction Interim	11/3/2017
Name	Title
	Date

DOCUMENTS ATTACHED/ ON FILE IN BOARD OFFICE:

ATTACHMENTS:
Click to download
 <a href="#">Presentation</a>

CONTINUATION SHEET

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