

MVLA

HIGH SCHOOL DISTRICT

The background features a dark blue grid pattern. A white line graph with small circular markers is overlaid on the grid, showing a fluctuating trend across the width of the slide.

MVLA Career Technical Education Presentation

**MVLA Board Meeting
August 22, 2022**

AGENDA

- Importance of CTE
- MVLA pathways and the benefits of a pathway
- Work Based Learning
- Goal for expansion
- Needs for next year
- Q&A

CTE provide programs and services to allow ALL students to graduate from high school prepared to succeed in the workplace and at the post-secondary level.

Why Our Work Is Important

1. Leads to Higher Graduation Rates
2. Leads to Higher Student Achievement
3. Early Career Exploration Offers Sense of Direction
4. Offers Targeted Career Focus
5. Workforce Ready

The mission of CTE is to provide industry linked programs and services that enable all individuals to reach their career goals in order to receive economic self-sufficiency, compete in the global marketplace, and contribute to economic prosperity.

COLLEGE/CAREER INDICATOR IN THE CALIFORNIA SCHOOL DASHBOARD

PREPARED

Does the graduate meet at least 1 measure below?

High School Diploma and any one of the following:

- A. Career Technical Education (CTE) Pathway Completion **plus one** of the following criteria:
 - ★ Smarter Balanced Summative Assessments: At least a Level 3 "Standard Met" on ELA or Mathematics and at least a Level 2 "Standard Nearly Met" in the other subject area
 - ★ One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
- B. At least a Level 3 "Standard Met" on both ELA and Mathematics on Smarter Balanced Summative Assessments
- C. Completion of two semesters/three quarters of Dual Enrollment with a passing grade (Academic and/or CTE subjects)
- D. Passing Score on two Advanced Placement (AP) Exams or two International Baccalaureate (IB) Exams
- E. Completion of courses that meet the University of California (UC) a–g criteria **plus one** of the following criteria:
 - ★ CTE Pathway completion
 - Smarter Balanced Summative Assessments: At least a Level 3 "Standard Met" on ELA or Mathematics and at least a Level 2 "Standard Nearly Met" in the other subject area
 - One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
 - Passing score on one AP Exam **OR** on one IB Exam

- Pathway completion accounts for 3 of the 9 ways a student can be considered “prepared”.
- CTE programs infuse industry connections through guest speakers, tours, competition, and showcase events where students receive feedback from industry professionals.

FreeStyle Pathways

Local Pathway	CTE Industry Sector	Classes
Design	Arts, Media, and Entertainment	<ul style="list-style-type: none">● Design I (<i>Intermediate Graphic Design</i>)● Design II (<i>Advanced Graphic Design</i>)
Film Production	Arts, Media, and Entertainment	<ul style="list-style-type: none">● Film Prod I (<i>Intermediate Film/Video Production</i>)● Film Prod II (<i>Advanced Film/Video Production</i>)
Digital Media	Arts, Media, and Entertainment	<ul style="list-style-type: none">● Digital Media I (<i>Intermediate Media Arts</i>)● Digital Media II (<i>Advanced Media Arts</i>)

LAHS & MVHS Pathways

Local Pathway	CTE Industry Sector Name	Classes
Engineer Tech	Engineering and Architecture	Engineering Tech I Engineering Tech II
Proto & Fabrication	Manufacturing and Product Development	Design & Proto Design & Fabr
Robotics	Engineering and Architecture	Robotics I Robotics II
Culinary Art	Hospitality, Tourism, and Recreation	Culinary Art I Culinary Art II

CTE Course Enrollment (duplicates)

Local Pathway Names	MVHS			LAHS			ALL
	Partip	Compl	Total	Partip	Compl	Total	
-Design -Digital Media -Animation	36	20	56	23	12	35	91
Film Production	18	5	23	9	6	15	38
Robotics				30	13	43	43
Engineer Tech	106	31	137				137
Culinary Art				74	9	83	83
Design & Fabrication				36	5	41	41
Totals	160	56	216	172	45	217	433

CTE 2021 Completion = 92 Students

All Students	African American	Asian	LatinX	White	Two or More Races	English Learners	Socio-economic Disadvantaged	Students with Disabilities
92 (8.2%)	1	26	11	45	9	4	5	7

Data Tracking

When	What	Notes
In the past	Tracked enrollment in a CTE course	Non-disaggregated / all students
Moving Forward	Will track: 1) # of students enrolled in CTE course 2) # of students completing CTE pathway 3) will be a Board indicator	Disaggregated by ethnicity and special programs

CTE Grants (2021-22 allocation)

Grants	Funding	Notes
Perkins	\$60,537	Supports FreeStyle work
Career Technical Education Innovation Grant (CTEIG)	\$97,500	Supports LAHS and MVHS, and some FreeStyle
Strong WorkForce Grant (SWF)	\$293,975	Supports LAHS and MVHS

CTE Class Requirements

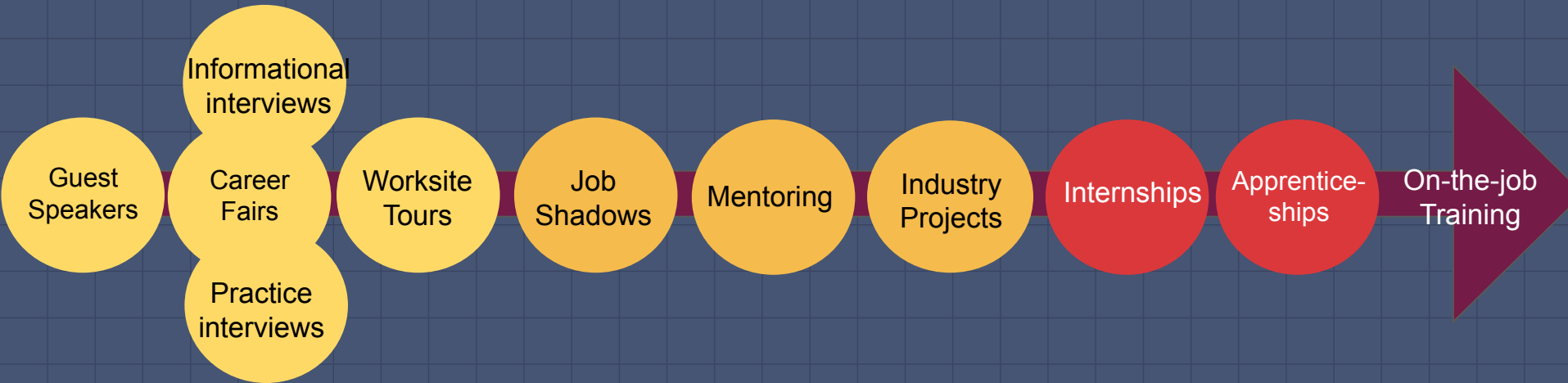
1. Offers high-quality CTE curriculum and instruction aligned to the CTE Model Curriculum Standards.
2. Provide career exploration and guidance opportunities for all pathway learners.
3. Advisory Committee meetings provide input to the CTE programs and curriculum.
4. Provide opportunities for students to gain access to internships, and work-based learning (WBL) opportunities for industry.
5. Provide opportunities for pupils to participate in after school and out-of school activities and competitions.
6. CTE pathway teachers have the correct CTE credential or Single Subject Credential with industry experience.

Work Based Learning (WBL)

In Support of our CTE programs

WORK-BASED LEARNING (WBL):

An educational strategy that provides students with real-life work experiences where they can apply academic and technical skills and develop their employability.



Roles in our CTE Program

EdServices

CTE Program Specialist

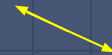
Connector /
Coordinator

CTE Teachers

Outside
Industry

College
Career Center

Students

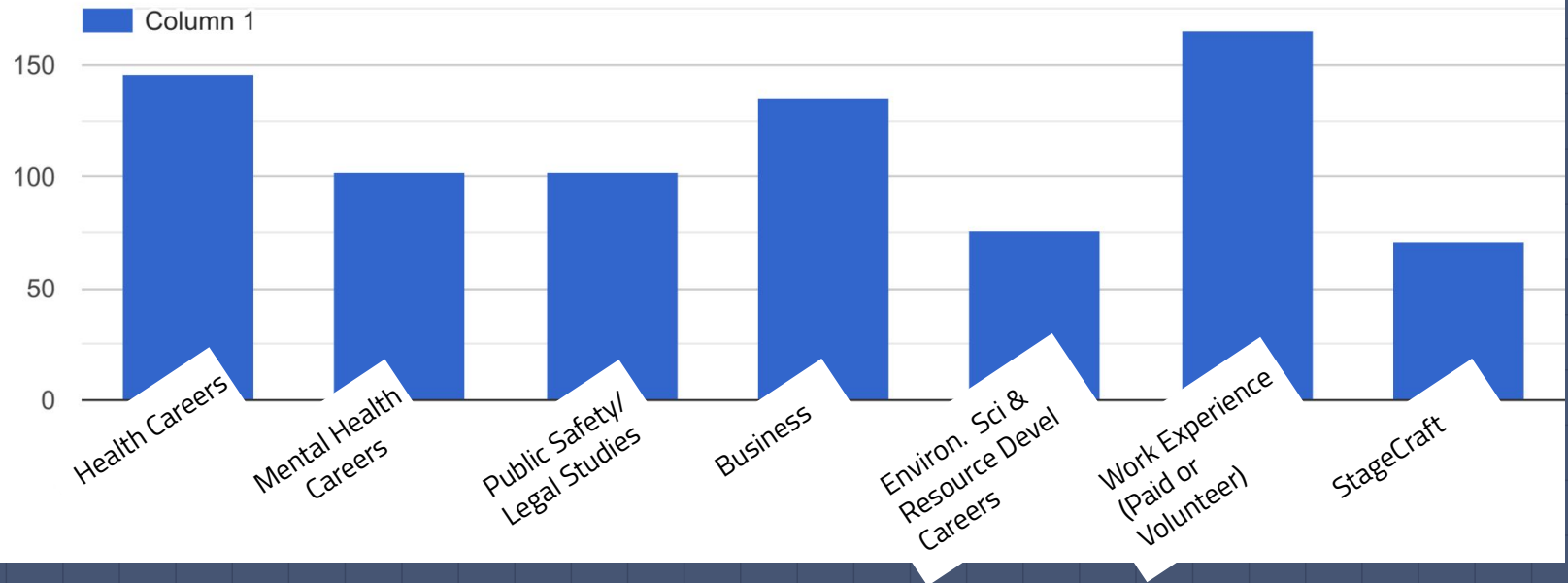


Goals in Expansion

The goal of the MVLA's CTE expansion effort is to create more opportunities for all students to access career and technical programs and opportunities, while pursuing their high school diplomas.

What the students say

Please choose your TOP 3 choices of the courses you would likely take below so we know what to focus on for our courses next year.



Possible Pathways

AGRICULTURE & NATURAL RESOURCES

- AGRICULTURAL BUSINESS
- AGRICULTURAL MECHANICS
- AGRISCIENCE
- ANIMAL SCIENCE
- FORESTRY & NATURAL RESOURCES
- ORNAMENTAL HORTICULTURE
- PLANT & SOIL SCIENCE



ARTS, MEDIA & ENTERTAINMENT

- DESIGN, VISUAL & MEDIA ARTS
- PERFORMING ARTS
- PRODUCTION & MANAGERIAL ARTS
- GAME DESIGN & INTEGRATION



BUILDING & CONSTRUCTION TRADES

- CABINETRY, MILLWORK & WOODWORKING
- ENGINEERING & HEAVY CONSTRUCTION
- MECHANICAL SYSTEMS INSTALLATION & REPAIR
- RESIDENTIAL & COMMERCIAL CONSTRUCTION



BUSINESS & FINANCE

- BUSINESS MANAGEMENT
- FINANCIAL SERVICES
- INTERNATIONAL BUSINESS



EDUCATION, CHILD DEVELOPMENT & FAMILY SERVICES

- CHILD DEVELOPMENT
- CONSUMER SERVICES
- EDUCATION
- FAMILY & HUMAN SERVICES



ENERGY, ENVIRONMENT & UTILITIES

- ENERGY & POWER TECHNOLOGY
- ENVIRONMENTAL RESOURCES
- TELECOMMUNICATIONS



ENGINEERING & ARCHITECTURE

- ARCHITECTURAL DESIGN
- ENGINEERING DESIGN
- ENGINEERING TECHNOLOGY
- ENVIRONMENTAL ENGINEERING



FASHION & INTERIOR DESIGN

- FASHION DESIGN & MERCHANDISING
- INTERIOR DESIGN
- PERSONAL SERVICES



HEALTH SCIENCE & MEDICAL TECHNOLOGY

- BIOTECHNOLOGY
- HEALTHCARE ADMINISTRATIVE SERVICES
- HEALTHCARE OPERATIONAL SUPPORT
- MENTAL & BEHAVIORAL HEALTH
- PATIENT CARE
- PUBLIC & COMMUNITY HEALTH



HOSPITALITY, TOURISM & RECREATION

- FOOD SCIENCE, DIETETICS & NUTRITION
- FOOD SERVICE & HOSPITALITY
- HOSPITALITY, TOURISM & RECREATION



INFORMATION & COMMUNICATION TECHNOLOGIES

- GAMES & SIMULATION
- INFORMATION SUPPORT AND SERVICES DEVELOPMENT
- NETWORKING
- SOFTWARE & SYSTEMS



MANUFACTURING & PRODUCT DEVELOPMENT

- GRAPHIC PRODUCTION TECHNOLOGIES
- PRODUCT INNOVATION & DESIGN
- MACHINING & FORMING TECHNOLOGIES
- WELDING & MATERIALS JOINING



MARKETING, SALES & SERVICE

- ENTREPRENEURSHIP/SELF EMPLOYMENT
- MARKETING
- PROFESSIONAL SALES



PUBLIC SERVICES

- EMERGENCY RESPONSE
- LEGAL PRACTICES
- PUBLIC SAFETY



TRANSPORTATION

- OPERATIONS
- STRUCTURAL REPAIR & REFINISHING
- SYSTEM DIAGNOSTICS, SERVICE & REPAIR



Developing Pathways

CTE Industry Sector Name	MVLA Courses
Information and Communication Technologies	Intro Computer Science, Advanced Computer Science, AP Computer Science, App & Game Design
Engineering and Architecture	Architectural Design
Arts, Media, and Entertainment	Publication Design, Commercial Art
Health Sciences Pathway	Sports Medicine 1, Sports Medicine 2,
Arts, Media, and Entertainment	Stagecraft 1, Stagecraft 2
Engineering and Architecture	Intro to Engineering Design, Principles of Engineering, ADEN, Innovative Design Essen, Innovative Design Capstone
Information and Communication Technologies	AP Computer Science A, Intro. Computer Program
Other CTE/type classes	Agri-Ecology, BioTech, Advanced Science Investigation

Next Steps

- Support our current pathways
- Open opportunities for new pathways
- ✓ Hire a CTE Program Specialist
- Work with CTE Program Specialist to analyze funding and conduct needs assessments
- Increase our publicizing and marketing
- Increase diversity in our CTE program
- Expand opportunities to AVHS

Thank you

Questions?

MVLA

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