

# Career Technical Education 2019-2021 Update

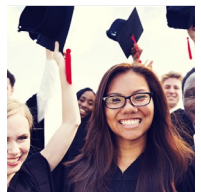
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**February 9, 2021**



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# Purpose of Presentation

- Update the Board of Education on the work that has been done to strengthen our Career Technical Education (CTE) programs and provide an update of our CTE programs.



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# District Goal Alignment

- Goal 1: Increase academic achievement and ensure **equitable access** to enable all students to attain college and career readiness



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# CTE Terminology

- Industry Sector
- Pathway
- Capstone, Concentrator, Completer
- California Data Dashboard



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# CTE Committee (2019)

- Identifying strong **Pathways** aligning with industry need, student interest, and the California Data Dashboard Accountability system
- Create an action plan to support **aligned programs** and initiate **program development**.
  - What is currently working?
  - What is not working?
  - What programs align with the 11 elements of a strong CTE program?
  - What programs support our California Dashboard?



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# CTE Committee Work

- Review community survey findings
- Review course offerings
- Aligning programs to community needs
- Review grant compliance; CTEIG (Career Technical Education Incentive Grant), Perkins, Strong Workforce
- California Data Dashboard Overview and compliance
- Develop 2 year implementation plan



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# Committee Outcomes

- Survey results
  - CTE counseling support
  - Expand information sharing
  - More opportunities for community based career prep
- CTE committee outcomes
  - CTE programs need to be promoted through videos and other strategies
  - Need to actively recruit feeder districts
  - Align CTE courses into complete pathways



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# California Data Dashboard

## College and Career Indicator CTE pathway

- Pathway completer/JROTC
- Dual enrollment (6 units)
- Grade 11 Smarter Balance assessment; scores or 2/3
- High School Diploma

## Pathway

- Sequence of CTE courses within a specific course of study
- Concentrator and Capstone class

## College and Career Indicator 19/20

- 38.3% College and Career Ready
  - 36.9% 18/19
- 24.2% Pathway Completion



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# District Pathways

- **13 Industry Sectors**

- **MCS has 62 Pathways**

- Every site has a pathway in **Agriculture**
    - Every site has a **STEM/STEAM pathway** (business, information and communication technologies, arts, media and entertainment, engineering)
    - **Courses are A-G approved**
      - Last year updated 60 courses
      - 17 courses need approval
    - **Every site offers Exploring Computer Science**
      - **District computer science master plan**



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# District Pathways

## Pathway additions 2020-2021

- Davis: Culinary Arts
- Beyer: Arts, Media and Entertainment, JROTC
- Johansen: Farm to Fork, Construction
- Gregori: Medical Science
- Enochs: Cybersecurity
- Downey: Marketing

## Additions for 2021-2022

- Continue to add concentrators and capstones
- Elliott Health and Construction pathways
- Expansion of Computer Science Pathways



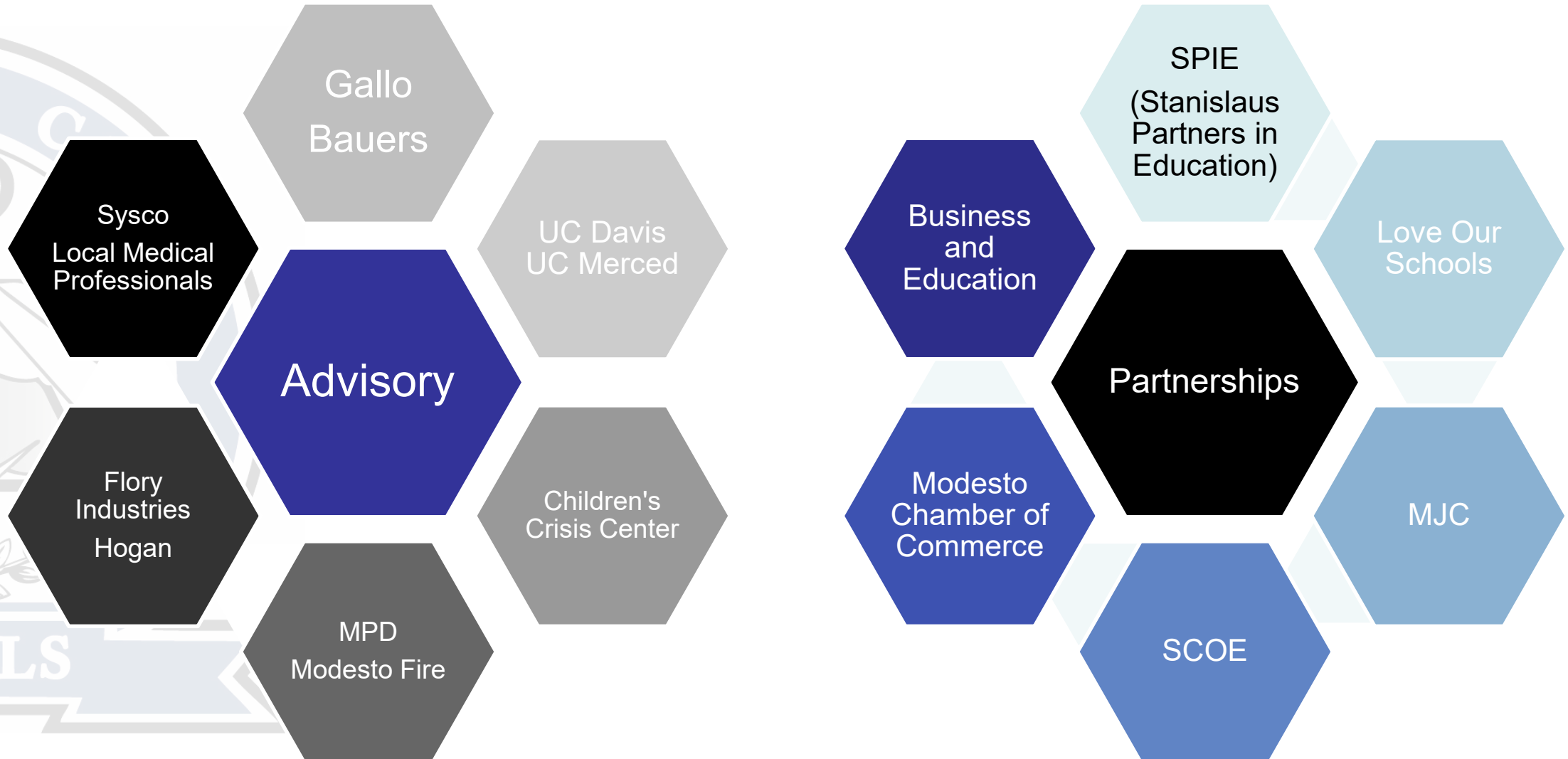
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# Grants

- Perkins: Federal Funds
- CTEIG (Career Technical Education Incentive Grant) 2019-2020: STEM/STEAM focus
- CTEIG 2020-2021: Arts, Media and Entertainment/Culinary focus
- Strong Workforce Grant Cycle 1: Career Navigators
- Strong Workforce Grant Cycle 2: Love our Schools/SCOE
- Strong Workforce Grant Cycle 3: Career Navigators extension
- CTEIG Facilities Grant:
  - Beyer JROTC, Modesto High Ag, Davis High Health Academy

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# Advisory and Partnership Work



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# Next Steps

- March 2020, Business and Education Committee launch of 6<sup>th</sup> grade career exploration
- Elliott opportunities
- Davis Middle College
  - Health and Public Safety Pathways
- Build on pathway foundation
- Counselor Education
  - Pathway completion
- Continue to build opportunities for Internships and Mentorships
  - Love our Schools
  - Stanislaus Workforce Development
  - Career Navigators/WEX teachers



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# Questions



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