Career Technical Education in San Mateo County

Learning that works for California
Cabrillo

Three complete pathways:

1. Agriculture
2. Building Trades
3. Arts, Media & Entertainment

Currently working on:

Information and Communication Pathway
Current CTE Programs
- Building Construction
  - Wood Technology
- Fashion and Interior Design
  - Fabric Design and Construction
- Hospitality, Tourism, Rec.
  - Foods and Nutrition, Food Service and Hospitality
- Transportation
  - Systems Diagnostic Service and Repair
    - Automotive Technology

CTE Pathways in Development
- Arts, Media, Entertainment
  - Journalism, Digital Arts, Theater Arts, Drama
- Education
- Business and Finance
  - Personal Finance, Financial Accounting, Managerial Accounting
- Engineering
  - Engineering Design
    - Technology and Design
  - Engineering Technology
    - Robotics
- Computer Science
  - Information and Communication Tech
  - Networking
JUHSD CTE Newsletter
http://www.juhsd.net/

Jefferson High School
Robotics Team
## Keep CTE Progressing.

### San Mateo Community College Partnerships

- Skyline College
  - New Teaching Pathway
  - Automotive Articulation
  - Hospitality Articulation
  - Fabrication Labs
  - Digital Arts

- Cañada College
  - Fabric Arts Articulation

### Where we need input and help!

- Engineering
- Fabrication Lab
- Computer Science
- Future Technology Knowledge for Industries such as Automotive
Highlights:
● 28 Pathways across 5 High Schools
● 5 California Partnership Academies - Computers & Media, Health Careers, Green Technology
● Carlmont Biotech Institute
● 24 teachers hold a CTE Credential
Our CTE Programs

Industry Sectors/Pathways

▶ Arts, Media & Entertainment
  ▪ Game Design, Web Design, Animation, Audio Production, Journalism, Photography
▶ Building & Construction Trades
  ▪ Cabinetry, Millworking, & Woodworking
▶ Energy, Environment, & Utilities
  ▪ Green Technology
▶ Engineering & Architecture
  ▪ Drafting, Architecture, Engineering
▶ Hospitality, Tourism, & Recreation
  ▪ Food Services & Hospitality
▶ Health Science & Medical Technologies
  ▪ Biotechnology
  ▪ Patient Services
▶ Information and Communication Technologies
  ▪ Software & System Development (Programming!)
Keep CTE Progressing. . .

What We’re Working On:

▶ Career Fair
▶ Mentor Programs
▶ Advisory Boards
▶ Tide Academy
▶ Building New Pathways, i.e. Teacher Pipeline
▶ New Courses Aligned to CTE & Career Readiness Standards
▶ Community College Articulations

Where we need YOUR input and assistance:

▶ Mentors
▶ Guest Speakers
▶ Advisory Board Members
▶ Job Shadowing for students and teachers
▶ Internships
San Mateo Union High School District

Current CTE Programs

- Arts, Media and Entertainment
  - Design, Visual and Media Arts
  - Production & Managerial Arts

- Building Trades and Construction
  - Millwork, Cabinetry & Woodwork

- Education, Child Development
  - Child Development

- Engineering and Architecture
  - Architectural Design
  - Engineering Technology

- Health Science and Medical Technology
  - Biotechnology

AME Teachers Train with PBS

Job Shadow Day at Google
Industry + CTE

Current CTE Programs
- Hospitality, Tourism, Recreation
  - Food Service
- Information and Communication Technology
  - Software and System Development
- Manufacturing & Product Development
  - Machining and Forming Technology

Culinary Internship  Biotech Internship
Pop-up Restaurants  City Planning
Keep CTE Progressing. . .

What We’re Working On:
- Adding sections of advanced computer science
- Adding advanced manufacturing
- Building industry partnerships
- Increasing articulations to community college courses
- Career counseling

Where we need your input and help:
- Guest speakers
- Job Shadows
- Curriculum Input
- Teacher externships
- Advisory Board Members
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