
Calaveras Hills High School Alternative Pathways to Success

— Carl Stice and Karisa Scott —

Where We've Been: History of Alternative Pathways

SVCTE

Credit Recovery

Concurrent Enrollment (Adult Education, community college)

The "Village" (OTL, teachers, administration, district services)



Where We're Going:

All existing options, plus new opportunity:



Engineering Pathway

Evergreen CTE grant - 3-year funding 2016-2018

Engineering class (2016-17), NextFlex project

Next year - PLTW

[Visuals of student work](#)

Why Engineering, and Why a Pathway?

Getting students career and college ready

A pathway has potential for articulation with CC programs

Relevancy = a pathway with job potential in the Bay Area

Grant funding



College/Career Indicator Model

All students in the four-year graduation cohort minus students who take the California Alternate Assessment.

WELL PREPARED – To Be Determined

The College/Career Indicator (CCI) measures for "Well Prepared" will be determined following further review of potential state and local CCI measures as statewide data becomes available.¹ California Department of Education staff, with input from education researchers, practitioners, and stakeholders, will evaluate the CCI model through the first phase of the Local Control Funding Formula evaluation rubrics and will propose a revised CCI model for implementation in 2017–18.

PREPARED

Does the graduate meet at least 1 measure below?

- 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 English language arts/literacy (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

APPROACHING PREPARED

Does the graduate meet at least 1 measure below?

- A. CTE Pathway completion
- B. Scored at least Level 2 "Standard Nearly Met" on one or both ELA and Mathematics Smarter Balanced Summative Assessments
- C. Completion of one semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
- D. Completion of courses that meet the UC a-g criteria

NOT PREPARED

Student did not meet any measures above, so considered NOT PREPARED

Three year implementation

2015-2016 - Planning Year (Greg and Carl)

2016-2017 - Engineering course (Mrs. Komar)

Intro. to Engineering

Computer Aided Design (TinkerCad)

Hands-on design projects, 3-D printing

NextFlex Project



Moving forward...

2017-2018

Purchase Project Lead the Way (IED, POE)

Expand projects and CAD (lab)

Add Second Course (POE - Robotics)

Community Advisory Board (Industry, CC, City of Milpitas)

Concurrent or Dual Enrollment program (EVC)



Outcomes

Increased opportunities for students

College-career readiness

Deliverables for LCAP indicators

Dual Enrollment

Certification, internships and entry-level jobs

Ongoing investment of the local community into our students



NextFlex Project: Cal Hills Engineering Class 2017



Nextflex Project: Why our school?

Real world exposure to innovative technologies

College Experience

Potential paid internships



EVERGREEN VALLEY COLLEGE

Nextflex Project: Why was it successful?

Maximized Participation

Collaborative Curriculum

Professionals as Mentors



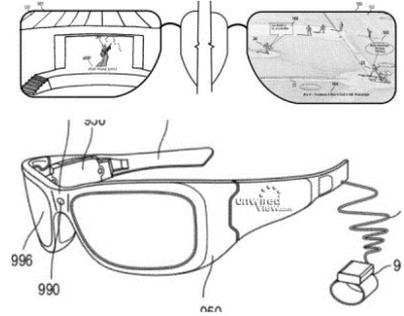
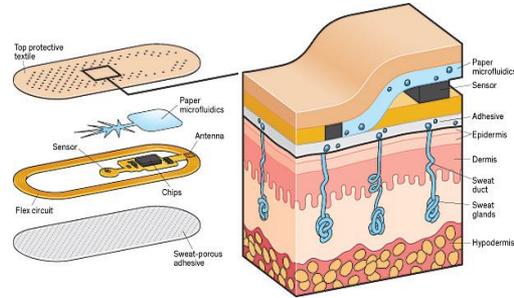
Nextflex Project: Tavia's Experience

Alz glasses provide an easier way for patients affected by Alzheimer's disease to navigate life, at an affordable cost. They will make everyday life easier in many ways such as:

Daily reminders consists of daily routines and events (meal & medicine reminders, birthdays & anniversaries, etc.)

When talking to someone their profile will come up on your glasses (name, relation, age, phone number)

Will be programmed to remind customers to play brain games for at least one hour a day to keep the brain active.



Nextflex Project: Looking Forward

City Council Presentations

Potential for patents / product development

Continued collaboration with Nextflex for future opportunities

Maintain and expand relationship with Flex

Broadening Community Support

