

OAKLAND TECHNICAL HIGH SCHOOL

LINKED LEARNING 4 PILLARS



HOME OF THE BULL DOGS
2022

OAKLAND TECH

Computer Academy

Aligned CTE Industry Sector: Information and Communication Technologies

Rigorous Academics

Measure N Investments

- New software to keep up with industry standards

Pillar Components/ Activities

- Senior capstone project
- Industry Standard Skills
- Project Based
- Labs

Career Technical Education

Measure N Investments

- Lab Equipment
- Books
- Maker Lab Supplies (future investment)

CTE Course Sequence

- AP Computer Science Principles, (TBD Maker Class)
- AP Computer Science, Computer Program 2, Dual Enrollment x2
- Computer Science Capstone

Pillar Components/Activities

- Dual Enrollment classes in ECCCO summer program and school year classes
- Career Readiness skills like resume building, professional emailing, healthcare professionals panels and webinars
- Advisory Board meets 2 times per year
- Internships

Work-Based Learning (WBL)

Measure N Investments

- ECCCO stipends for students in summer internships and community college classes

Partnerships

- Cisco Certification program
- INTEL Mentoring Program
- INTEL paid summer internship
- Oracle Certification program
- EdFund
- Neilsen
- Lawrence Livermore Lab

Pillar Components/Activities

- Resume Workshops
- Mock Interviews
- Summer opportunities preparation
- Job Shadowing

Student Supports

Measure N Investments

- Salary for Student Support Specialist

Pillar Components/Activities

- 1:1 Check-ins
- Family Engagement
- Cost Services
- Social Emotional Support
- Tutoring
- Academic Support
- College/Career Support (applications, interview prep)
- Collaboration with WBL
- Field Trip Logistics

OAKLAND TECH

Health/BioTech Academy

Aligned CTE Industry Sector: Health Science and Medical Technology

Rigorous Academics

Measure N Investments

- New supplemental books for Health Academy English classes
- Future Investment: Extended contracts for cross content collaboration and curriculum development

Pillar Components/ Activities

- Health Fair
- Senior Capstone
- Survey Project
- Biotech Partner Training

Career Technical Education

Measure N Investments

- New supplies for dissection to increase exposure to anatomy study
- CPR/First Aid Training

CTE Course Sequence

- 10th grade: Physiology with additional lab section
- 11th grade: Chemistry + Biotech 1/2
- 12th grade options:
 - Biotech 3/4
 - Exploring Social
 - Determinants of Health: An
 - Internship Experience at Highland Hospital
 - AP Biology
 - AP Environmental Science
 - AP Physics

Pillar Components/Activities

- CPR Certification
- Dual Enrollment classes in ECCCO summer program and school year classes
- Career Readiness skills like resume building, professional emailing, healthcare professionals panels and webinars

Work-Based Learning (WBL)

Measure N Investments

- ECCCO stipends for students in summer internships and community college classes
- Field trips to work sites like veterinary clinics (e.g. Sage) and medical certification institutions (e.g. KP Launch)

Partnerships

- Biotech Partners
- Alameda Health Systems (HEAL)
- UCSF Children's Hospital (CHORI and CHAMPS)
- CCMP
- HCSA
- Wright Institute
- MiMS (Mentoring In Medicine and Science)
- Gilead Sciences
- Genentech

Pillar Components/Activities

- Resume Workshops
- Mock Interviews with industry professionals, including Advisory Board members
- Summer opportunities preparation
- Job Shadowing

Student Supports

Measure N Investments

- Salary for Student Support Specialist

Pillar Components/Activities

- 1:1 Check-ins
- Family Engagement
- COST Services
- Social Emotional Support
- Tutoring
- Academic Support
- College/Career Support (applications, interview prep, research)
- Collaboration with WBL
- Biotech Partners Program Support Staff

OAKLAND TECH

Engineering/Architecture Academy

Aligned CTE Industry Sector: Engineering and Architecture

Rigorous Academics

Measure N Investments

- Model building supplies for Engineering Principles
- Lab supplies for capstone class
- Materials for capstone projects

Pillar Components/Activities

- Senior capstone project
- Industry Standard Skills
- Project Based
- Bridge Competition

Career Technical Education

Measure N Investments

- Industry Field trips
- Books, resources and materials

CTE Course Sequence

- Engineering Principles (10th grade)
- Architecture 1 (11th grade)
- Architecture 2 (12th grade)
- Chemistry and Engineering Design (12th grade)

Pillar Components/Activities

- Advisory Board meets twice a year
- Dual Enrollment
- ECCO summer Program
- Career Readiness Skills
 - a. POC, Dream Job Speaker Series
 - b. Informational Interviews
 - c. Mentoring (In Development)

Work-Based Learning (WBL)

Measure N Investments

- ECCO Summer Stipends
- Field Trips
- Certifications

Partnerships

- Arcsine
- Ratcliff
- EKI Environment & Water, Inc.
- YuanGou Design
- AECOM
- Sila

Pillar Components/Activities

- Resume Workshops
- Mock Interviews
- Summer opportunities preparation
- Job Shadowing

Student Supports

Measure N Investments

- Student Support Specialist

Pillar Components/Activities

- 1:1 Check-ins
- Family Engagement
- Cost Services
- Social Emotional Support
- Tutoring
- Academic Support
- College/Career Support (applications, interview prep)

OAKLAND TECH

Fashion, Art & Design Academy

Aligned CTE Industry Sector: Fashion and Interior Design, Arts Media & Entertainment

Rigorous Academics

Measure N Investments

- New supplemental books for English classes
- Portfolio Seminar

Pillar Components/Activities

- Senior capstone project
- Portfolio defense with authentic audience
- Industry Standard Skills
- Project Based
- Labs
- Academic Competitions

Career Technical Education

Measure N Investments

- Remote Learning WBL experience
- Art Supplies
- Books
- Design Software
- Equipment

CTE Course Sequence

- FADA Fundamentals
- Fashion History,
- Graphic Design 2,
- Computer Animation 2
- Fashion Marketing,
- AP 2D Art & Design,
- Computer Animation 3

Pillar Components/Activities

- Internships
- Dual Enrollment classes in ECCCO summer program and school year classes
- Career Readiness skills like portfolio development, resume building, artist bio, building professional website, professional networking, professional emailing, professional panels and webinars
- Advisory Board meets 2 times per year

Work-Based Learning (WBL)

Measure N Investments

- ECCCO stipends for students in summer internships and community college classes

Partnerships

- Mocha
- Oakland Style Lab
- JA of Northern California
- Civic Design Studio
- California College of the Arts
- Academy of Art University
- Salesforce
- Roadster
- Pixar X in a Box

Pillar Components/Activities

- Portfolio Seminar
- Resume Workshops
- Mock Interviews
- Summer opportunities preparation
- Job Shadowing

Student Supports

Measure N Investments

- Salary for Student Support Specialist

Pillar Components/Activities

- 1:1 Check-ins
- Family Engagement
- Cost Services
- Social Emotional Support
- Classroom Support
- Academic Support
- College/Career Support (applications, interview prep)
- Collaboration with WBL
- Field Trip Logistics

OAKLAND TECH

Race, Policy, and Law

Aligned CTE Industry Sector: Public Services / Legal Services

Rigorous Academics

Measure N Investments

- New books for Academy English classes.

* Materials for mock trial, city council simulation

Pillar Components/ Activities

- *City Council Simulation (10th Grade)*
- *Mock Trial (11th Grade)*
- *Senior Capstone (12th Grade)*
- *Field Trip to Oakland Museum of California*

Career Technical Education

Measure N Investments

- Curriculum and books for the three CTE classes

CTE Course Sequence

- 10th grade: English 2 and Law & Society
- 11th grade: English 3 and Policy & Advocacy
- 12th grade: English 4 and Social Justice Advocacy (Capstone class)

Pillar Components/Activities

- Advisory Board meets 2 times per year
- Dual Enrollment classes aligned with pathway
- ECCCO summer program and school year classes
- Career Readiness skills like resume building, professional emailing, Guest speakers, and career panels

Work-Based Learning (WBL)

Measure N Investments

- ECCCO stipends for students in summer internships and community college classes
- Field trips

Partnerships

- Center for Youth Development Through Law
- Alameda County Courthouse Summer Internship Program
- Rose Foundation for Communities and the Environment
- CORO Exploring Leadership Program
- Mosaic Project
- [California LAW Pathways](#)

Pillar Components/Activities

- 11th grade Mentoring Program (informational interview, job shadowing, mock interviews / resume review)

Student Supports

Measure N Investments

- Salary for Student Support Specialist

Pillar Components/Activities

- SSS Caseload (1:1 Check Ins, SEL skills, Connection to COST services, tutoring, academic advisement, college application support, internship application support, etc)
- SSS helps coordinate and run the 11th grade mentoring program and maintain relationships with community partners.

OAKLAND TECH

9th GRADE

Aligned CTE Industry Sector: Performing Arts Pathway /Design, Visual, Media Arts Pathway

Rigorous Academics

Measure N Investments

- Summer Bridge - Teacher salaries to support SEL, to reteach, review and remediate

Pillar Components/Activities

- *Teacher led SEL Class*
- *Boost Tutoring(Math only but would be helpful for Science and ELA)*
- *Cost*
- *SST*
- *Staff 1 to 1 check in*
- *Attendance Improvements and incentives program*
- *BTSC*
- *Weekly Collaborative Meetings*
- *Weekly house and content collaboration periods*
- *Emphasis on CRT*

Career Technical Education

Measure N Investments

- Computer Course
- Counseling Support

CTE Course Sequence

- Computer Class
- Exploratory

Pillar Components/Activities

- *Dual Enrollment- Media 104- Video Production*
- *Dual Enrollment-Afram 26- Study of Arts, Music, Literature, and Culture*

Work-Based Learning (WBL)

Measure N Investments

- Exploratory (Nepris)
- Presentations

Partnerships

- BTSC - Core Districts
- Boost Tutors

Pillar Components/Activities

- Career Exploration

Student Supports

Measure N Investments

- Dedicated 9th Grade Counselor

Pillar Components/Activities

- *Credible Messenger (not supported by Measure N but would like it to be)*
- *Developmental Relationship Survey - given 3x/ yr. Identifies students who score 'weak' and students' relational needs*