

East Bay Innovation Academy:

Computer Science and Design Innovation Pathway

Aligned Career Tech Education Industry Sector: Information and Communication Technology - Software and Systems Development

Rigorous Academics

Measure N Investments

- \$4,000 Professional Development (Site Visits, Conferences, etc.)
- \$21,000* Pathway Coordinator
- * Director of College and Career Readiness

Pillar Components/Activities

- A-G coursework for all
- Cohorting to support cross-curricular projects at all grades
- Professional development for theme integration
- Project/Problem Based Learning that integrates Design Process and industry partners
- Whole School Rubrics and grading outcomes
- Rigorous Graduation Requirements
- Dual Enrollment and AP opportunities

Career Technical Education

Measure N Investments

- * Pathway Coordinator
- \$15,000 Design Innovation Lab Coordinator
- \$27,290 Design Innovation Lab Materials and Equipment
- \$30,000 Linked Learning and Design Innovation Coaches

CTE Course Sequence

- CSDI 1: Computer Science and Digital Design
- CSDI 2: AP Computer Science Principles
- CSDI 3: Computer Science and Design Innovation Capstone
- Senior Practicum: Advanced coursework / Internship

Pillar Components/Activities

- Certified CTE Instructors
- UC A-G approved courses
- Design Innovation Lab (Maker Space) available to all students
- Pathway Ambassador Program
- Industry Advisory Board
- Project Partners

Work-Based Learning (WBL)

Measure N Investments

- \$21,000 Work Based Learning Coordinator
- \$21,000 Internship Coordinator
- \$3,000 Nepris Platform
- \$4000 Internship Transportation and Attire

Partnerships

- Nepris
- Pi-Top
- City of Oakland
- KQED
- Pilot City
- Industry Board Members - Microsoft, 44 Energy, Shot Spotter, IDEO, etc

Pillar Components/Activities

- 4 year WBL continuum (Awareness, Exploration, Preparation, Advanced Prep)
- 9th grade career exploration dual enrollment course
- 4 year career portfolio and college/career plan
- Industry talks, job shadows, interviews, internships,
- Senior symposium

Student Supports

Measure N Investments

- \$20,000* Director of College and Career Readiness
- * Work Based Learning Coordinator

Existing Supports

- Academic Counseling and Executive Functioning Specialists
- Inclusion Special Education model
- Advisory program
- Personalized Learning Plans
- Office Hours
- Peer Tutor and Peer Mentor programs
- Support courses

Pillar Components/Activities

- Pathway orientation
- Embedded college and career curriculum into Advisory
- Expanded academic support classes
- Expanded and streamlined credit recovery program