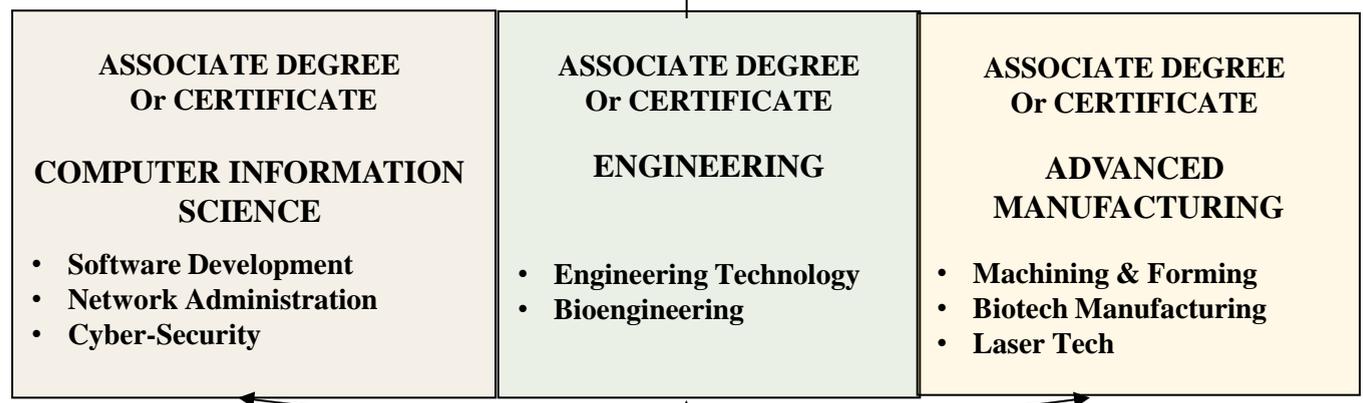


# SILICON VALLEY ENGINEERING TECH PATHWAYS

**ENGINEERING, IT, AND ADVANCED MANUFACTURING CAREERS**

**ENGINEERING or RELATED DISIPLINE AT CALIFORNIA UNIVERSITIES  
 (CSU East Bay, San Francisco State, San José State )**



**SUMMER INTERNSHIPS**  
 (Grant funded paid internships in STEM careers)  
**Advanced Manufacturing Institute at Lawrence Livermore National Laboratories**  
**Information Technology Boot Camps at · NASA Ames and Transmosis**

**COMMUNITY COLLEGE STEM CORE**

- Intensive, Computational and Accelerated Math: College Algebra through Calculus
- Technical Writing and Computer Science fundamentals
- Introduction to Engineering, Advanced Manufacturing and STEM careers
- Full-time Student Support Specialists providing wrap-around services for success

**SUMMER BRIDGE – High School / Community College  
 College and Career Orientation**

**HIGH SCHOOL STEM CORE**

**MIDDLE SCHOOL STEM FOUNDATION**



# California Career Pathways Trust Grant, Round 2

## COMMITTED PARTNERS

### Community Colleges

- Evergreen Valley College
- Foothill College
- Las Positas College
- Mission College
- Monterey Peninsula College
- Ohlone College
- San José City College
- Skyline College
- West Valley College

### State Universities

- Cal State University – East Bay
- San Francisco State University
- San José State University

### Independent Organizations

- Silicon Valley Leadership Group
- Growth Sector, workforce intermediary
- TED-Ed, online educational materials

### School Districts

- Campbell Union High School District
- Eastside Union School District
- Fremont Union High School District (Sunnyvale)
- Metropolitan Education District
- Milpitas Unified School District
- Santa Clara Unified School District
- And Charter / Alternative Schools

### Workforce Investment Boards

- Alameda WIB
- NOVA WIB
- work2future WIB

## COMMITTED EMPLOYERS

### NASA Ames

- 15 internships per summer over 2 summers

### Lawrence Livermore National Lab

- 30 internships over 4 years

### Lawrence Berkeley National Lab

- 10 internships per year over 4 years

### Jet Propulsion Laboratories

- 20 internships per summer over 4 years

### Transmosis consortium of IT employers

- 150 or more internships over 4 years

### Defense Language Institute

- 4 per year over 4 years

