

In a state and region where its high-technology industry leads the world in technology development the public school system is challenged to produce a qualified workforce to support the economic development of the region. This 2002 Technology Education study identifies a real workforce development problem. Public education is cutting technology education.

### **Decline of Technology Education**

Silicon Valley 2002

| School District                | # Instructors 1970 | #Instructors 2002  |
|--------------------------------|--------------------|--------------------|
| Campbell Union H/S District    | 18                 | 6                  |
| East Side Union H/S District   | 57                 | 8                  |
| Fremont Union H/S District     | 25                 | 2                  |
| Gilroy Unified                 | 4                  | 2                  |
| Los Gatos–Saratoga Joint Union | 8                  | 2                  |
| Metropolitan Education         | N/A                | 8                  |
| Milpitas Unified               | 10                 | 2                  |
| Morgan Hill Unified            | 5                  | 1                  |
| Mt. View-Los Altos Union       | ?                  | 0                  |
| Palo Alto Unified              | ?                  | 3                  |
| San Jose Unified               | 25                 | data not available |
| <u>Santa Clara Unified</u>     | <u>20</u>          | <u>3</u>           |
| 44 SV High Schools             | 172                | 37                 |

### **Decline of Technology Education**

Silicon Valley 2002

| Subject                 | Sections  | Laboratories |
|-------------------------|-----------|--------------|
| Electronics Tech        | 28        | 8            |
| Drafting Tech           | 39        | 16           |
| Metals Tech             | 16        | 5            |
| Wood Tech               | 35        | 13           |
| Auto Tech               | 45        | 13           |
| Computer Tech           | 16        | 10           |
| Manufacturing Tech      | 7         | 2            |
| <u>Engineering Tech</u> | <u>20</u> | <u>5</u>     |
| 2002 totals             | 206       | 72           |
| 1970 totals (approx)    | 860       | 172          |

#### **Number of Technology Educated Students...**

- in 1970 - 860 sections = 21,500 students annually
- in 2002 - 206 sections = 5,150 students  
16,350 not technology trained annually