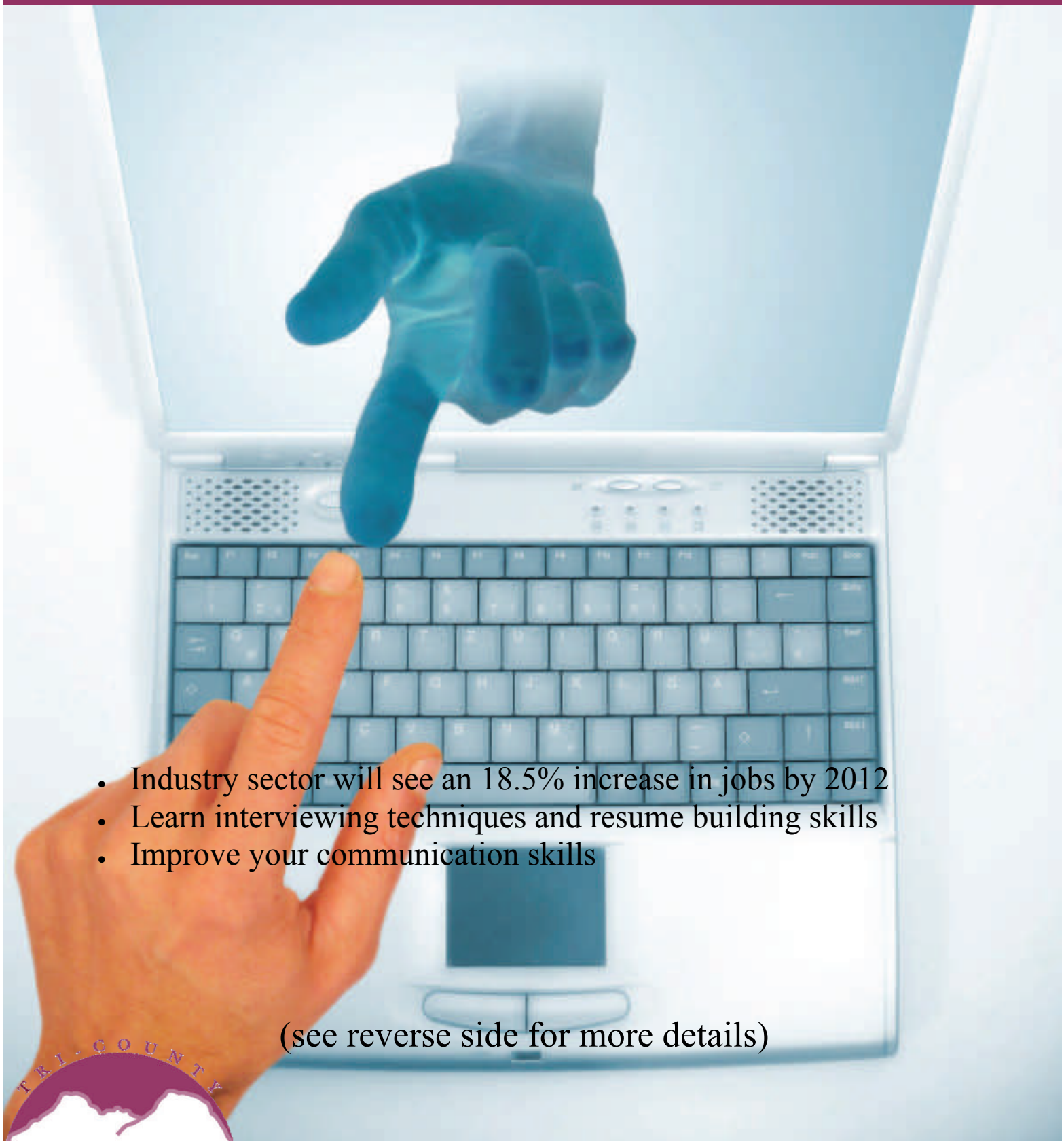


# TRI-COUNTY ROP COMPUTER APPLICATIONS

- 
- Industry sector will see an 18.5% increase in jobs by 2012
  - Learn interviewing techniques and resume building skills
  - Improve your communication skills

(see reverse side for more details)

The Computer Applications program is designed to give students entry-level job skills associated with operating a microcomputer. The course will include the use of microcomputers and software programs for computerized database management, spreadsheet, word processing, web page design and desktop publishing. Job search skills, business ethics, appropriate communication skills for the workplace, and job retention skills including attitude, attendance, punctuality, and grooming will be reinforced at all levels of instruction.

| Occupation                             | Minimum Degree Required | Median Hourly Wage | Estimated Average Annual Wage |
|----------------------------------------|-------------------------|--------------------|-------------------------------|
| Executive Secretary                    | HS Diploma              | \$21.95            | \$45,656                      |
| Network Systems/Data Comm Analyst      | Bachelor                | \$37.23            | \$77,438                      |
| Computer Specialist                    | Bachelor                | \$37.69            | \$78,395                      |
| Computer Support Specialist            | Certificate/AA          | \$24.84            | \$51,667                      |
| Desktop Publisher                      | Certificate/AA          | \$19.87            | \$41,330                      |
| Computer Systems Analyst               | Bachelor                | \$39.02            | \$81,162                      |
| Graphic Designer                       | Certificate/AA          | \$25.99            | \$54,059                      |
| Computer Operator                      | HS Diploma              | \$19.37            | \$40,290                      |
| Network/Computer Systems Administrator | Bachelor                | \$37.67            | \$78,354                      |
| Computer Programmer                    | Certificate/AA          | \$39.10            | \$81,328                      |
| Computer Software Engineer             | Bachelor                | \$49.41            | \$102,773                     |
| Operations Research Analyst            | Bachelor                | \$36.44            | \$75,795                      |
| Database Administrator                 | Certificate/AA          | \$37.07            | \$77,106                      |
| Business Teacher (College)             | Bachelor                | \$42.10            | \$87,586                      |

Information source: State of California, Employment Development Department, Labor Market Information Division, 2009 [www.labormarketinfo.edd.ca.gov](http://www.labormarketinfo.edd.ca.gov)

## Recommended Course Sequence

| Prerequisite                            | 9th Grade                                                                                                  | 10th Grade                                                                                             | 11th Grade                                                                                              | 12th Grade                                                                           | Post Secondary                                                                                                                                                                                                   |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Core Academics (Math, English, Science) | <ul style="list-style-type: none"> <li>Algebra 1</li> <li>English 9</li> <li>State Requirements</li> </ul> | <ul style="list-style-type: none"> <li>Geometry</li> <li>English 10</li> <li>Social Science</li> </ul> | <ul style="list-style-type: none"> <li>Algebra 2</li> <li>English 11</li> <li>Social Science</li> </ul> | <ul style="list-style-type: none"> <li>English 12</li> <li>Social Science</li> </ul> | <ul style="list-style-type: none"> <li>Bus Comp Apps A/C:</li> <li>Yuba College</li> <li>Sierra College</li> <li>Multimedia A/C:</li> <li>Yuba College</li> <li>Butte College</li> <li>Sierra College</li> </ul> |
| Electives (ROP)                         | <ul style="list-style-type: none"> <li>Keyboarding</li> </ul>                                              | <ul style="list-style-type: none"> <li>Computer Apps</li> </ul>                                        | <ul style="list-style-type: none"> <li>Office Ed Lab</li> </ul>                                         | <ul style="list-style-type: none"> <li>Microsoft Office Computer Apps</li> </ul>     |                                                                                                                                                                                                                  |

## Career Resources

- <http://www.californiarealitycheck.com/start.htm>
- <http://www.caljobs.ca.gov/>
- [http://www.worksmart.ca.gov/success\\_tips\\_menu.html](http://www.worksmart.ca.gov/success_tips_menu.html)

## Locations Course Offered

- East Nicolaus High School
- Lindhurst High School
- Pierce High School