



TWO YEAR PROGRAM REVIEW FORM

PROGRAM INFORMATION

| | | | |
|---|-------------------------------|------------|-------------------------------------|
| Chair Name | Liz Rozell | Date | June 1, 2011 |
| Department | Engineering and Ind. Tech. | Discipline | Electronics |
| Most Recent Program Plan Completed On | | Date | Unit plan created for 2010-2011 |
| Most Recent Program Review Completed On | | Date | Department Program Review 2010-2011 |
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1. MEETS A DOCUMENTED LABOR MARKET DEMAND

Source of information (check all that apply)

| | |
|--------------------------|--|
| <input type="checkbox"/> | Bureau of Labor Statistics (http://www.bls.gov) |
| <input type="checkbox"/> | State of California Labor Market Information (http://www.calmis.ca.gov) |
| <input type="checkbox"/> | Advisory Committee Meeting held on _____ Attach Minutes |
| <input type="checkbox"/> | Professional Association |
| X | Other: EMSI |

| | | | | | | | | | | | | | |
|--|--|------------------------|-------|------------------------|-------|--------------|-----|----------------|----|-----------------------------|---------|-----------------|-----|
| Findings | <i>EMS I provided 2005-2010 occupational information - requested by Department Chairperson and the data was provided by EMSI this way.</i> | | | | | | | | | | | | |
| | Occupations served by this program: | | | | | | | | | | | | |
| | Telecommunications equipment installers and repairers, except line installers (SOC 49-2022) | | | | | | | | | | | | |
| | Electrical and electronics installers and repairers, transportation equipment (SOC 49-2093) | | | | | | | | | | | | |
| | Electrical and electronics repairers, commercial and industrial equipment (SOC 49-2094) | | | | | | | | | | | | |
| | Electrical and electronics repairers, powerhouse, substation, and relay (SOC 49-2095) | | | | | | | | | | | | |
| | Electronic equipment installers and repairers, motor vehicles (SOC 49-2096) | | | | | | | | | | | | |
| | Electronic home entertainment equipment installers and repairers (SOC 49-2097) | | | | | | | | | | | | |
| | Security and fire alarm systems installers (SOC 49-2098) | | | | | | | | | | | | |
| | Mechanical door repairers (SOC 49-9011) | | | | | | | | | | | | |
| | Control and valve installers and repairers, except mechanical door (SOC 49-9012) | | | | | | | | | | | | |
| | Industrial machinery mechanics (SOC 49-9041) | | | | | | | | | | | | |
| | Maintenance and repair workers, general (SOC 49-9042) | | | | | | | | | | | | |
| | Maintenance workers, machinery (SOC 49-9043) | | | | | | | | | | | | |
| | Electrical power-line installers and repairers (SOC 49-9051) | | | | | | | | | | | | |
| Telecommunications line installers and repairers (SOC 49-9052) | | | | | | | | | | | | | |
| Installation, maintenance, and repair workers, all other (SOC 49-9099) | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>2005 Occupational Jobs</td> <td>6,057</td> </tr> <tr> <td>2010 Occupational Jobs</td> <td>6,243</td> </tr> <tr> <td>Total Change</td> <td>183</td> </tr> <tr> <td>Total % Change</td> <td>3%</td> </tr> <tr> <td>2011 Median Hourly Earnings</td> <td>\$20.99</td> </tr> <tr> <td>Annual Openings</td> <td>318</td> </tr> </table> | | 2005 Occupational Jobs | 6,057 | 2010 Occupational Jobs | 6,243 | Total Change | 183 | Total % Change | 3% | 2011 Median Hourly Earnings | \$20.99 | Annual Openings | 318 |
| 2005 Occupational Jobs | 6,057 | | | | | | | | | | | | |
| 2010 Occupational Jobs | 6,243 | | | | | | | | | | | | |
| Total Change | 183 | | | | | | | | | | | | |
| Total % Change | 3% | | | | | | | | | | | | |
| 2011 Median Hourly Earnings | \$20.99 | | | | | | | | | | | | |
| Annual Openings | 318 | | | | | | | | | | | | |
| For the time frame reported, there is a net growth of 3% overall, with 318 annual openings - far surpassing the number of students we are able to train. | | | | | | | | | | | | | |

Most of the occupations show a regional growth above the state and national average. The exceptions are:

| SOC Code | Occupational Title | Change in Openings 2005-10 |
|----------|---|----------------------------|
| 49-2093 | Electrical and electronics installers and repairers, transportation equipment | -2 |
| 49-2097 | Electronic home entertainment equipment installers and repairers | -6 |
| 49-9051 | Electrical power-line installers and repairers | -51 |
| 49-9052 | Telecommunications line installers and repairers | -76 |
| 49-2098 | Security and fire alarm systems installers | -9 |
| 49-2096 | Electronic equipment installers and repairers, motor vehicles | -5 |
| 49-9011 | Mechanical door repairers | -7 |

The implications of these losses on our course offerings are not significant for these reasons:

- 1) Some of these occupations are not the main "audience" of our training (although training from us can help folks in these occupations.
- 2) Building activity has slowed due to the economy, impacting many "installation" jobs.
- 3) Some of the occupations cover public utilities, and these companies are not immune to downsizing and hiring freezes of other companies.
- 4) Our program has a strong breadth of career options, rather than specifically focused only on a few occupational titles.

2. DOES NOT REPRESENT UNNECESSARY DUPLICATION OF OTHER MANPOWER TRAINING PROGRAMS IN THE AREA.

List programs from other institutions (private/fee based/public):

| Name of Institution | Name of Program | Distance to College | Public/Private | Approx Enrollment |
|---------------------|---------------------------------------|---------------------|--|-------------------|
| DeVry University | Electronics Computer Technology | 9 miles | <input checked="" type="checkbox"/> Public X Private | unknown |
| | | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |
| | | | <input type="checkbox"/> Public <input type="checkbox"/> Private | |

Findings There is no duplication of our program within the KCCD. Cerro Coso College has only two Electronics courses, and Porterville College only provides two Industrial Maintenance courses. Both Cerro Coso and the Weill Institute offer a different program - Renewable Energy. Courses in that program are not part of our certificate requirements. The closest public community college that offers a similar program is in Visalia, CA - 77 miles away. DeVry is a private technical school that costs approximately \$36,000 for the AS degree.

3. DEMONSTRATED EFFECTIVENESS AS MEASURED BY EMPLOYMENT AND COMPLETION OF STUDENTS

Core Indicator Data Reviewed | XYes No | Date (Data used from 2010-11 VTEA application)

Insert Scores Below:

Success 96.43% | Completion 92.31% | Employment 90.91%

Non-Traditional 7.14% | Non-Traditional Completion 7.69%

Findings All core indicators are above the departmental average. Except for non-traditional indicators, all are above District-negotiated levels.

4. REVIEW/APPROVALS

| Date | Signature | Title |
|--------------------------------------|-----------|---|
| | | Department Head |
| | | College Dean |
| 4. REVIEW/APPROVALS | | |
| Presentation to Curriculum Committee | | Click here to enter a date. |
| Presentation to College Council | | Click here to enter a date. |
| Presentation to Board of Trustee | | Click here to enter a date. |