Computer Information Systems

Description

**INDUSTRY SECTORS:** Information & Communication Technologies (ICT)/Digital Media;

**START DATE:** Fri Jan 01 2016

**END DATE:** Sat Dec 31 2016

**LEAD INSTITUTION:** Bakersfield College

**READ THE SWP LEGISLATION:** No

**MEETS REQUIREMENTS OF SWP LEGISLATION:** No

**WHAT NEED DOES THIS PROJECT ADDRESS?**

**HOW DOES THIS PROJECT MEET THE NEEDS OF YOUR LOCAL LABOR MARKET?**

**HOW DOES THIS PROJECT ADDRESS THE IDENTIFIED NEEDS?**

**HOW DOES THIS PROJECT ADDRESS THE PRIORITIES ESTABLISHED BY YOUR COLLEGE?**

Contacts

<table>
<thead>
<tr>
<th>District Superintendent/President</th>
<th>Chief Business Officer</th>
<th>Project Director</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sonya Christian</strong></td>
<td><strong>Tom Burke</strong></td>
<td><strong>Cindy Collier</strong></td>
</tr>
<tr>
<td><a href="mailto:sonya.christian@bakersfieldcollege.edu">sonya.christian@bakersfieldcollege.edu</a></td>
<td>Chancellor</td>
<td>Dean of Instruction</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:tburke@kccd.edu">tburke@kccd.edu</a></td>
<td><a href="mailto:ccolier@bakersfieldcollege.edu">ccolier@bakersfieldcollege.edu</a></td>
</tr>
<tr>
<td></td>
<td>661-336-5104</td>
<td>661-395-4283</td>
</tr>
</tbody>
</table>

Labor Market Information

**Computer Information Systems**

**OCCUPATIONS:**
15-1122 Information Security Analysts
15-1199 Computer Occupations, All Other
15-1121 Computer Systems Analysts
15-1151 Computer User Support Specialists

**PROGRAMS:**
Bakersfield College - Computer Information Systems (070200)

**LIVING WAGE ATTAINMENT:** localshare/bakersfield-college/2016-17/Local Share LMI Worksheet_Cyber Sec.xlsx

Outcomes

**Occupational Clusters**
**Bakersfield College - Computer Information Systems (070200)**

**NARRATIVE:** The goals of this new certificate Bakersfield College will be creating is to fill a documented need in the area of cyber security, information security and information assurance of our service area employers. The certificate is designed for students pursuing professional employment in information security for business. This certificate program provides students with skills to enter the job market as information security specialists, information security technicians, information assurance technicians, networking security technicians, and cyber security technicians. Designed for both full and part-time students, this program is appropriate to both those currently employed and those seeking to enter this field. The courses are aligned with industry certificates and students are prepared to take the A+ exam, Net+ exam, Security+ and Server+ exam. We will provide a faculty stipend to create the curriculum for the new COA, we are also hiring a fulltime IT Systems Support Specialist to carry the load of replacing a computer lab for this program as well as servicing other CTE, CIS courses. Staff development funds will also be utilized for regional collaboration and training for our faculty.

### METRIC

<table>
<thead>
<tr>
<th>Metric</th>
<th>2016-17</th>
<th>2017-18</th>
<th>FALL 2018</th>
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<tbody>
<tr>
<td>Number of Enrollments</td>
<td>90</td>
<td>105</td>
<td>120</td>
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</table>

### Budget Breakdown

**Bakersfield College**

- **Instructional Salaries**
  - SWP Local Share (60%) 1000 - Instructional Salaries $15,000

**Non-Instructional Salaries**

- **Bakersfield College**
  - SWP Local Share (60%) 2000 - Non-Instructional Salaries $25,698

**Employee Benefits**

- **Bakersfield College**
  - SWP Local Share (60%) 3000 - Employee Benefits $16,082

**Supplies and Materials**

- **Bakersfield College**
  - SWP Local Share (60%) 4000 - Supplies and Materials $3,000

**Other Operating Expenses and Services**

- **Bakersfield College**
  - SWP Local Share (60%) 5000 - Other Operating Expenses and Services $5,000

**Capital Outlay**

- **Bakersfield College**
  - SWP Local Share (60%) 6000 - Capital Outlay $150,000

**Indirect Costs**

- **Bakersfield College**
  - SWP Local Share (60%) Indirect Cost (<=4%) $8,591
<table>
<thead>
<tr>
<th>INSTITUTION</th>
<th>CODE</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td>Bakersfield College</td>
<td>1000 - Instructional Salaries</td>
<td>$15,000</td>
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<tr>
<td>Bakersfield College</td>
<td>2000 - Non-Instructional Salaries</td>
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<td>3000 - Employee Benefits</td>
<td>$16,082</td>
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<tr>
<td>Bakersfield College</td>
<td>4000 - Supplies and Materials</td>
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<tr>
<td>Bakersfield College</td>
<td>5000 - Other Operating Expenses and Services</td>
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<tr>
<td>Bakersfield College</td>
<td>6000 - Capital Outlay</td>
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<tr>
<td>Bakersfield College</td>
<td>Indirect Cost (&lt;=4%)</td>
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Bakersfield College Total: $223,371

TOTAL PROJECT COST: $223,371