Bachelor of Science Degree
Industrial Automation
Quick Facts Sheet

Enrollment Data
Our main feeder major into the BS Degree in Industrial Automation is through the Electronics Technology program at Bakersfield College. We have experienced a rapid increase in the number of students enrolled in this program since the announcement of our new Baccalaureate program. Our 2015 – 2016 data shows a 32% increase in students declaring this major on campus.

Kern County Employment Projections
The Need for Industrial Automation Bachelor’s Degree Graduates Continues to Rise. Between 2014 and 2023, labor market projections show a 21% increase in Bakersfield College service area of the occupations for which the degree prepares students. This far exceeds California’s or the United States average. During that time frame, there is predicted to be an increase (growth) of 906 positions, not including replacements. It is estimated the annual need will be over 200 workers. The median hourly earnings for the Industrial Automation occupational titles is approximately $41 per hour.

We have developed a strong Advisory Board for the BS in Industrial Automation program from industry supporters within our local community, as well as industry partners from as far away as Northern California. There is a wide range of industry sectors represented as shown below.

Chevron
Kern Steel Fabrication
Kern Veterans Affairs Office
T. J. Cross
Lockheed Martin Aeronautics Co.
IES Engineering
D. M. Camp and Sons
Kern Economic Development
Alon, Bakersfield Refinery
BLM Group USA Corp
GAF Materials Corporation
Brinderson
KHS
cAera Energy
Tel-TecTasteful Selections
American Tire Distributors
Taft College
Contra Costa Electric
Sierra Pacific Industries
Carbone
Matrix Service
Linn Energy

EMSI Data — Bakersfield Service Area

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<tbody>
<tr>
<td>Electronics Technology</td>
<td>283</td>
<td>-229</td>
<td>275</td>
<td>273</td>
<td>359</td>
<td>32%</td>
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<tr>
<td>% of Collegewide Headcount</td>
<td>1.0%</td>
<td>0.9%</td>
<td>1.1%</td>
<td>1.1%</td>
<td>1.4%</td>
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