



# IID

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October 22, 2024

To Whom It May Concern:

As a representative from Imperial Irrigation District (IID), I endorse the development of the Bachelor of Science degree in Industrial Automation at Imperial Valley College. I confirm that there is an unmet labor market demand in Imperial County, for the occupations that this program trains for. The occupations that this program provides training for include:

- Engineer
- Information Technology Specialist
- Cybersecurity Specialist

Individuals with a bachelor's degree working in these occupations can expect to earn between \$83,891 and \$107,060 in entry-level positions.

IID is undergoing a historic economic transformation with new developments in the Power and Water sectors of our organization. Our company's infrastructure will be improved in the near future. These updates will provide the citizens of Imperial Valley with at an affordable rate on their utilities. Over the next few years, IID anticipates hiring ten individuals with this degree annually, with wages expected to be around \$107,060.

This affirms that there are jobs available for program completers within the local service area of the college after considering the number of completers in similar programs at other—as required by Education Code section 78015 and the California Community Colleges Chancellor's Office Program and Course Approval Handbook (PCAH).

Sincerely,

Marcia V. Rivera  
Manager, Human Resources

October 31, 2024

Industrial Automation Advisory Committee  
Imperial Valley College  
380 E. Aten Rd.  
Imperial, CA 92251

**RE: Endorsement of New Program – Industrial Automation**

Committee Members:

As representatives of BHE Renewables and CalEnergy Operating Corporation, we endorse the program Bachelor of Science degree and Associate of Science in Industrial Automation, at Imperial Valley College. I confirm that there is an unmet labor market demand in Imperial County, for the occupations that this program trains for. The occupations that this program provides training for include:

- Controls Engineer
- Process Engineer
- Project Engineer
- DCS Technician
- Asc Instrument & Electrical Technician
- Instrument & Electrical Technician
- Sr Instrument & Electrical Technician

Individuals with a bachelor's degree working in these occupations can expect to earn between \$78,500 and \$131,200 (based on 2025 pay scale) in entry-level positions. These are full time positions which include a full benefits package including health care, paid time off, sick leave, holiday pay. Some jobs are eligible for overtime pay.

Imperial County is undergoing a historic economic transformation with the development of lithium extraction. The current industrialization wave including mineral extraction, expansion of geothermal plants, and other industrial projects, has increased the demand for qualified candidates with bachelor's degrees in industrial Automation. Over the next few years, BHE Renewables anticipates hiring nine individuals with this degree and an additional three individuals annually.

This letter affirms that jobs will be available for graduates of this program within the local service area of Imperial Valley College.

If you have any questions, feel free to contact us at 760-348-4235 or [burt.short@bherenewables.com](mailto:burt.short@bherenewables.com) or [lenie.sarion@bherenewables.com](mailto:lenie.sarion@bherenewables.com).

Sincerely,



Burt Short  
HR Manager  
BHE Renewables



Lenie Sarion  
General Manager, Special Projects  
BHE Renewables



November 13, 2024

To whom it may concern:

I am writing to express our endorsement for the **Bachelor of Science in Industrial Automation** at Imperial Valley College. As a representative of Controlled Thermal Resources (CTR), I can confirm a demand for skilled professionals in Imperial County.

CTR anticipates employing at least one perhaps two Instrumentation & Electrical Engineers for its Stage 1 Project possessing the skills outlined in the Bachelor of Science in Industrial Automation curriculum. Employees in these positions can expect entry-level base salaries between \$62,400.00 and \$83,200.00 per year, making this program crucial for local students seeking well-paying careers.

We support the college's initiative to secure funding for the program, which will enhance training in energy efficiency, battery manufacturing, and advanced manufacturing, connecting students to quality job opportunities. By incorporating the latest technologies and industry-recognized certifications, the college will prepare students for the skills needed in our growing industries.

CTR is committed to supporting Imperial Valley College through its ongoing curriculum advisory efforts, inclusive of providing job descriptions, education, and training requirements, estimates on projected job numbers and development timing, and furthering discussions on future scholarship and internship opportunities with the goal of expanding opportunities in the Industrial Operations Sector.

Thank you for considering this important opportunity. We look forward to collaborating to make this vision a reality.

Sincerely,

A handwritten signature in blue ink that reads "James T. Turner".

James T. Turner  
President



Earthrise Nutritionals, LLC

3333 Michelson Dr, Suite# 300  
Irvine, CA 92612  
Tel 949-623-0980

113 E. Hooper Rd.  
Calipatria, CA 92233 USA  
Tel 760-348-5027

October 2, 2024

To Whom It May Concern:

As a representative from Earthrise, I, Tomo Maguchi, endorse the program Bachelor of Science degree in Industrial Automation, at Imperial Valley College. There is a growing need to incorporate automation into every type of business, without any limitations to the agricultural sector which is the case of our business.

I confirm that there is an unmet labor market demand in Imperial County, for the occupations that this program trains for. The occupations that this program provides training for include:

- Industrial Automation Program/Project Manager
- Programmable Logic Controller (PLC) Programmer
- Liquid Handling Industrial Automation Supervisor
- (add your company's specific job title/occupation)

Individuals with a bachelor's degree working in these occupations can expect to earn between \$70k and \$90k in entry-level positions.

Imperial County is undergoing a historic economic transformation with the development of Lithium extraction. The current industrialization wave including mineral extraction, expansion of geothermal plants, and other industrial projects, has increased the demand for qualified candidates with bachelor's degrees in Industrial Automation. Over the next few years, my organization anticipates hiring 2 individuals with this degree annually, with wages expected to be around \$75k.

This affirms that there are jobs available for program completers within the local service area of the college after taking into account the number of completers in similar programs at other—as required by Education Code section 78015 and the California Community Colleges Chancellor's Office Program and Course Approval Handbook (PCAH).

Sincerely,

A handwritten signature in blue ink, appearing to read "Tomo Maguchi".

Tomo Maguchi ME  
Factory / Plant Manager  
Earthrise Nutritionals, LLC  
[www.earthrise.com](http://www.earthrise.com)  
[www.earthrisetoll.com](http://www.earthrisetoll.com)



October 11, 2024

To Whom It May Concern:

As a representative from EnergySource Minerals I, Elizabeth Espinoza, endorse the program Bachelor of Science degree in Industrial Automation, at Imperial Valley College. I confirm that there is an unmet labor market demand in Imperial County, for the occupations that this program trains for. The occupations that this program provides training for include:

- Plant Operator

Individuals with a bachelor's degree working in these occupations can expect to earn between \$60,001 - \$70,000 in entry-level positions.

Imperial County is undergoing a historic economic transformation with the development of Lithium extraction. The current industrialization wave including mineral extraction, expansion of geothermal plants, and other industrial projects, has increased the demand for qualified candidates with certificates in Instrumentation Technician. Over the next few years, EnergySource Minerals anticipates hiring 36 Plant Operators to support Project ATLiS by 2026 with 1 – 2 year thereafter as needed due to turnover or promotions.

This affirms that there are jobs available for program completers within the local service area of the college after taking into account the number of completers in similar programs at other—as required by Education Code section 78015 and the California Community Colleges Chancellor's Office Program and Course Approval Handbook (PCAH).

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Espinoza", is written over a horizontal line.

Elizabeth Espinoza, Community Affairs Liaison  
EnergySource Minerals