

# MEMORANDUM

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To: Brandi Asmus, Agriculture Tech & Sciences Faculty/CC Coordinator, Woodland Community College

From: Ebony J. Benzing, Research Manager, North/Far North Center of Excellence

Date: Monday, October 10, 2022

Re: LMI to support program modification - Sustainable Agriculture

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## Background

Woodland Community College contacted the North (Greater Sacramento) Center of Excellence to request labor market information to support the modification of an existing certificate program: Sustainable Agriculture. This memo aims to support the college's application to the North/Far North Regional Consortium for modification approval.

In October 2021, the North (Greater Sacramento) Center of Excellence authored a new program endorsement report, "Agricultural Technology & Sciences in the Greater Sacramento Region." This report provides the base for the data included in this memo and should be included in any program application package to the Regional Consortium or Chancellor's Office.

This memo provides a brief analysis of occupational demand and program supply data to assess labor market gaps. Data is provided for the seven-county North subregion and comes from EMSI. Occupations are aligned to career education programs using the Center of Excellence TOP-to-CIP-to-SOC crosswalk and the ONet OnLine education crosswalk.

## Summary of Findings

- The North (Greater Sacramento) subregion held 3,764 Agricultural Technology & Sciences jobs in 2021. These jobs are projected to increase by 6% over the next five years, adding 237 new jobs to the subregion by 2026.
- Over the next five years, Agricultural Technology & Sciences jobs will have 459 annual openings in Greater Sacramento.
- Analysis of wage data shows that most Agricultural Technology & Sciences occupations earn more than the single adult living wage of \$14.53 per hour.
- Awards data analysis shows that North (Greater Sacramento) training providers conferred an average of 36 awards (certificates and associate degrees) in Agricultural Technology & Sciences programs over the last three academic years.

## Recommendations

- Based on a three-year average of annual awards in the Greater Sacramento subregion agriculture technology programs and projected yearly openings, the supply gap analysis shows that the region seems to have room for additional training.
- The North/Far North Center of Excellence recommends moving forward with the program modification.

Please contact Ebony Benzing, COE Research Manager, for further information at [Ebony.Benzing@losrios.edu](mailto:Ebony.Benzing@losrios.edu) or 916-563-3215.

Program Modification	
<b>Move forward with program modifications</b>	<b>Program modifications are not recommended</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>