

## Certificate Form

### Certificates of Achievement (if applicable):

- A. An Annual Update must be completed for each Certificate of Achievement program.
- B. Programs with stackable certificates fill out the following form, which is included in the related degree program review.
- C. Stand-alone certificates fill out the entire Annual Update.

**Name of Program:**    Environmental Horticulture

Certificate Name	JSC	CA	Is the certificate stackable?	Is the certificate a stand alone program?
Environmental Horticulture		X		No

Please discuss the following questions regarding all area Certificates of Achievement (CA):

1. List certificates that are proposed for addition.                      None
2. List certificates that are proposed for deletion.                      None
3. For this CA, what are the SOC codes (Occupational Titles and codes) that students who complete the CA will be able to obtain entry-level employment in, and what are the projected annual openings and median salary for each occupational title? You can use your latest Program Review data for your response.

SOC	Career Description	Projected Openings	Salary
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	199	\$25.89
37-3011	Landscaping and Groundskeeping Workers	2,630	\$13.87
37-3013	Tree Trimmers and Pruners	184	\$16.77
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	80,138	\$11.17

1. For this CA, what process was followed to ensure the required and possible elective courses were adequate for entry level employment?  
Ag Advisory committee input, personal discussion survey of industry leaders from the California Landscape Contractors Association, Local industry feedback
2. How often do/will you re-examine the effectiveness of certificate requirements?  
This program is examined with each advisory meeting and the courses are being reviewed every year with industry.
3. What is your annual completion target (number of certificates awarded) for this CA? 2  
What was the number of awards in this CA for each of the past three years? 4  
Based on your results, what changes could you make in your program to meet or continue to exceed your target? I need the system to track student progress and promote the certificate program.
4. Based on what you know about your area, what emerging/potential institutional factors (internal) and industry factors (external) will impact this certificate?  
Drought in California created a decrease in hiring and this has reduced student numbers. The industry is now demanding more students to fulfill the job market demand. Students entering at the freshman level need to know more about the industry.
5. How are you planning to incorporate these factors in your planning and evaluation of this certificate?  
I am working with the Ag Pathway to improve outreach opportunities and give more knowledge about the program.