

Environmental Horticulture Science

2019 Program Review

MJC Program Review 2019

Modesto Junior College's Program Review process is divided into 3 sections:

- Program Analysis (SWOT Analysis)
- Goal Setting and Activities
- Resource Request

Program Analysis

Internal Strengths

1. What strengths does the analysis of student data reveal?

That our students are prepared for the industry.

2. Are there specific aspects of the program that are exemplary or could serve as a model?

The laboratory facility is well constructed and maintained to have a learning lab for students to learn the industry skills.

3. What do others see as the program's strengths?

Our wonderfully produced plants for the community as well as the quality students in the industry.

4. How well are students meeting program learning outcomes, skills, or competencies; and how are they relevant to careers in your discipline or industries for which you help prepare students?

In talking with industry leaders we have determined that our students needs are and are adjusting the curriculum to accommodate these ideas.

Internal Weaknesses

5. What gaps are observed by reviewing the student data?

It seems that the Plant identification classes are a bit difficult yet are needed for the foundation knowledge to be successful in this career area.

6. What disproportionate gaps need to be addressed?

Jus developing the plant identification knowledge.

7. What are areas in which the program could improve? (curriculum, scheduling, modality, other?)

Many hands on skills are being utilized and this is important for the program.

8. Where are there gaps in the program on how students are meeting learning outcomes, skills, or competencies?

Again the gap and our difficulty seems to be in the plant identification area.

External Opportunities

9. Where are potential opportunities for expansion, improvement, or new program development?

Always trying to improve our curriculum with constant input from industry representatives that I work with.

10. What are some industry or disciplinary trends that could enhance the program?

Not sure what this question is asking? Job skills that are needed are also beyond our direct curriculum yet we can reinforce ie be on time, show up prepared, participate in the class ect.

External Threats

11. How are changing resources, technology, employer, or transfer requirements affecting the program's ability to serve students?

The biggest affect is the last 5 years our administration is directing our enrollment to be like the lecture only classes that are being taught in speech, English, history, math ect and expecting the Career technical areas to have the same class numbers. Our skill development classes ie Labs, require smaller numbers for guided practice and safety.

12. What are some current industry or disciplinary trends that could have a negative impact on the program?

The commoditizing of nursery plants so this has caused great pressure on profit and one way to tighten the expenses is lowering the number of higher wage careers.

13. What other obstacles does the program face?

Having the school unfairly target career development classes to have unsafe and poor pedagogical class numbers to ensure student success.

Goal Setting and Activities

Goals

Program Goal	Mission Alignment	Area of Focus
Have administration recognize the core purpose of community colleges as career technological development as the primary goal.	Values	Program Design
Work with the curriculum to ensure its continued improvement based on industry needs	Programs / Services based on Scholarship of Teaching and Learning	Professional Development
Help more students be successful	Innovative Education	Pedagogy

Activities

Activities	In Support of Goal #	Outcome or Deliverable
Meet with administrators for their help	Goal #1	Meeting
Visit nurseries in the area	Goal #2	New improved outcomes
Improved class pedagogical structure for student success	Goal #3	Greater student success

Resource Requests

Category	Request	Activity #	Estimated Cost
Prof. Devel.	Attend Farwest trade show	2	1500
Prof. Devel.	Attend CATA meetings throughout the year	2	2000
Equipment	Replace equipment as need arises	3	5200
Technology	New computer for nursery label printer	3	1500
Personnel	Ok	NA	NA
Facilities	Maintain facility as needed	3	12000