SKYLINE PRU Report

2023 - 2024

SKY Dept - Biotechnology

Jing Folsom

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11/30/2023

Program Information

Assessment Unit Information

Program Type

Instructional

Division

Science, Technology, Engineering and Math (STEM)

Assessment Contact

Nick Kapp

Comprehensive Program Review

2027 - 2028

Program Review Update

Fall 2023,Fall 2025

SKY Instructional Program Review Update

Submitter Name:

Nick Kapp

Submitter Date:

11/14/2023

DIVISION:

Science, Technology, Engineering, and Mathematics (STEM)

PROGRAM NAME:

Biotechnology

YEAR OF REVIEW:

2023-2024

1. STUDENT LEARNING OUTCOMES

What notable conclusions were drawn from the assessment results? If available, note any differences in assessment results by key disaggregations (e.g. modality, learning communities, etc.). What have been the implications for the program? Specific questions to answer in your response:

i. What percentage of course SLOs have been assessed in the last three years?

Number of Course SLOs:

23

Percentage:

73

ii. Which course(s) were assessed in the last three years?

BTEC 400, 170,171, 150,220,210

iii. Degree-bearing programs are expected to assess Institutional SLOs, ideally during each ISLO's featured year. List which course(s) were assessed for which ISLOs in the last three years.

BTEC 400

iv. Drawing from course and institutional SLOs results, what notable conclusions were drawn? Which results led to action(s) that were planned or taken, if any, to enhance student learning in those courses?

The course numbers are low. While our individual students are successful, in order for the program to succeed we need to get more students into the program.

2. CURRICULUM

Please indicate whether the following tasks have been completed:

Submitted a current assessment calendar with all active courses to the Office of Planning, Research, and Institutional Effectiveness

Yes

Updated the Improvement Platform with new and/or changed SLOs, after approval by the Curriculum Committee

Not Applicable

Updated the program website with new and/or changed PSLOs after they are published in the College Catalog

Not Applicable

Reviewed, updated (as needed), and submitted degree and certificate maps to the Curriculum Committee

No

3.   ADDITIONAL INFORMATION

Please note anything else that has not been captured above that is relevant to program accomplishments, challenges, and resource needs. Explain and document your response as needed.

Not applicable

4.   The last step is to review the multi-year program goals, update their status, and add resource requests as needed. You can access program goals from the hamburger menu in the upper-left hand corner, Step 2: Goals and Resource Requests.

GOAL

Job Placement

Goal and Desired Impact on Students
Increase number of students who obtain a job placement.   as per ATE grant

Year Initiated
2022 - 2023

Implementation Step(s) and Timelines
fostering partnerships with industry.   Obtaining Grants

Mapping
 - SKY Strategic Goals: (X - Hightlight Selected)
- Increased Student Enrollment: X
- Student Support and Resources: X

STATUS

Goal Status Date
11/14/2023

Academic Year Updated
2023 - 2024

Goal Status
On Schedule

Goal Status Narrative
Students hired through the grants, have been hired in local companies. We wish to continue.

Resource Request

Division Name
 Science, Technology, Engineering, and Mathematics (STEM)

Year of Request
2023 - 2024

Resource Type
Student, Aides, Hourly, or Temporary Workers

Resource Name
Student Project Managers

Resource Description
Student Project Managers to hire from Biotech certificate students in order to give them work experience.

Funds Type – Mark all that apply.
Grant Funded, Categorical

Briefly explain how this request helps to advance the goals and priorities of your program, the College, the District, and/or the California Community College Chancellor's Office.
Students gain work experience that is needed for their certification.   Part of the CCCD work experience.

Cost
2,000

Level of need, with 1 being the most pressing
1

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Resource Request

Division Name
 Science, Technology, Engineering, and Mathematics (STEM)

Year of Request
2023 - 2024

Resource Type
Membership Fees

Resource Name
Biomade

Resource Description
Membership in the BioMade

Funds Type – Mark all that apply.
Recurring Cost

Briefly explain how this request helps to advance the goals and priorities of your program, the College, the District, and/or the California Community College Chancellor's Office.
Connection with industry and to be a part of this funding stream.

Cost
100

Level of need, with 1 being the most pressing
1

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GOAL

Increase student enrollement

Goal and Desired Impact on Students
Historically participation of students in on campus (Skyline College) certificate and degree programs has been low. In the single digits.   Participation in the dual enrollment programs have been high.   We need to increase our enrollment of students and matriculation of students to skyline.   We are currently working with Michael Fuller from BABEC to help with this process.

Year Initiated
2023 - 2024

Implementation Step(s) and Timelines
Student Family Day at Skyline College in the spring

Mapping
 - SKY Strategic Goals: (X - Hightlight Selected)
- Increased Student Enrollment: X
- Student Support and Resources: X