



Program Review - Overall Report

Instructional: Physics

Program Review: Part 1

EMP GOAL 1. Expand college access by increasing both headcount and full-time equivalent students (FTES).

GOALS AND ACTIVITIES

What are you doing now in support of this goal?

We are looking to increase our course offerings of PHY 4A, 4B, and 4C.

What are your plans/goals (3-year) regarding this goal?

To increase our course offerings for PHY 4A, 4B, and 4C.

EVIDENCE

Do you have assessment data or other evidence that relates to this goal?

No.

RESOURCES

Is there a resource request associated with this EMP Goal? (If yes, please complete a Resource Request, which you can access from the main menu to the left)

No

EMP GOAL 7. Become the regional college of choice by offering a comprehensive range of programs that prepare students for the future and meet employer workforce needs.

GOALS AND ACTIVITIES

What are you doing now in support of this goal?

Redesigning the lab curriculum across all of our physics offerings.

What are your plans/goals (3-year) regarding this goal?

A complete overhaul of physics and physical science labs to better meet the needs of technological/laboratory training for our students to meet the demands of employers in the STEM fields.

EVIDENCE

Do you have assessment data or other evidence that relates to this goal?

No.

RESOURCES

Is there a resource request associated with this EMP Goal? (If yes, please complete a Resource Request, which you can access from the main menu to the left)

No

Program Review: Part 1

EMP GOAL 9. Expand workforce to support comprehensive college and develop/sustain excellent workplace culture.

GOALS AND ACTIVITIES

What are you doing now in support of this goal?

We are actively trying to hire a new full time physics instructor.

What are your plans/goals (3-year) regarding this goal?

To add at least one additional full time physics instructor.

EVIDENCE

Do you have assessment data or other evidence that relates to this goal?

The number of course offerings for physics is projected to increase. This increases the demand for another full time instructor for our physics program.

RESOURCES

Is there a resource request associated with this EMP Goal? (If yes, please complete a Resource Request, which you can access from the main menu to the left)

No

Program Review Part 2

2021 - 2024

Curriculum

Are all your courses current (within four years)?

Yes

What percentage of your courses are out of date?

0%

If you have courses that are not current, are they in the curriculum process?

N/A

For out of date courses that are not already in progress of updating, what is your plan?

N/A

Do you have proposals in progress for all the DE courses you intend to file?

Yes

Do you require help to get your courses up to date?

No

Program Review Reflections

What would make program review meaningful and relevant for your unit?

If all of our goals for our unit are met within the next 3 years.

What questions do we need to ask to understand your program plans, goals, needs?

How do we increase enrollments in our physics offerings and how do we meet the needs for this goal if it is achieved?

How do we better prepare our students for a changing landscape of technology and connectivity in the STEM fields?

What types of data do you need to support your program plans, goals, needs?

Current enrollment data versus projected growth data. Understanding of modern technology demands of employers in the STEM fields and how we can meet the needs of our students to compete in these fields.

If there are any supporting documents you would like to attach, please attach them here.

Submission

2021 - 2024

All parts of my Program Review have been completed and it is ready for review

Yes