



## Instructional Program Review Update

Directions: Enter your narrative responses after the questions. Upload report(s) that you reference in each narrative.

Submitter: Norman del Prado

Submission Date: 11/15/2021

DIVISION: Science, Technology, Engineering, and Mathematics PROGRAM NAME: NETX

### 1.A. STATUS OF PRIOR GOAL – Goal # 1

***Complete the section of questions for each goal, for instance 1.A. for the first goal, 1.B. for the second, and so on. If there are more than five goals, please contact the [Office of Planning, Research, and Institutional Effectiveness \(PRIE\)](#) to add sections.***

#### **GOAL, YEAR INITIATED, AND MEASURE OF SUCCESS IF NOT REFERENCED IN GOAL**

Update Marketing Material for NETX Program, 2017

**STATUS:**  Ongoing  Revised for this cycle  New  Completed  Discontinued

**SUPPORTING NARRATIVE FOR EACH GOAL'S STATUS** (*Recommend length: not to exceed 250 words*)

- Ongoing
  - a) Roughly how much of the goal has been implemented – 25/50/75%?
  - b) What has been accomplished thus far?
  - c) What has been the impact of resources that were provided?  Not Applicable
  - d) What are challenges not already documented?  Not Applicable
- Revised – Explain how and why the goal has been revised: implementation plan? timelines? measures of success?
- New – Briefly explain the need for the goal, and how it aligns with the College Values.
- Completed – Note the accomplishments and to what extent the measure of success was met.
- Discontinued – Explain why.

NETX program marketing material - completed, website material 50% faculty completed, student testimonial 50% completed. Need assistance in collecting faculty and student's success stories and coordinating with marketing department.

#### **IMPLEMENTATION STEP(S) AND TIMELINE – FOR ONLY ONGOING, REVISED, & NEW GOAL(S)**

List *remaining* and/or *new* implementation steps and timelines for ongoing and/or revised goals.

List implementation step(s) to achieve new goals, which can include intended changes, professional development, and/or further inquiry.



## Instructional Program Review Update

Coordinate with internal resource in the collection of data in updating NETX website with current faculty picture and work experience, and student's testimonials. As well as coordinating with marketing and communication department. 2022 Academic Year

### GOAL ALIGNMENT WITH COLLEGE VALUE(S) – FOR ONLY NEW GOAL(S)

- Social Justice
- Campus Climate
- Open Access
- Student Success and Equity
- Academic Excellence
- Community Partnership
- Participatory Governance
- Sustainability

### RESOURCE REQUEST RATIONALES FOR ONGOING, REVISED, & NEW GOALS

*(Recommended length: not to exceed 150 words for each goal)*

- No Resource Request Needed

Which additional resources are needed (e.g., services from or partnerships with other areas of campus, instructional equipment, facilities, personnel, etc.)? How will they help to support the goal?

**Note:** Referencing the goal and implementation step(s), submit the request(s) that require funding to your dean by November 15.

Assistance to collect faculty information, and student testimonial to update NETX marketing website

### 1.B. STATUS OF PRIOR GOAL – Goal # 2

#### GOAL, YEAR INITIATED, AND MEASURE OF SUCCESS IF NOT REFERENCED IN GOAL

Continue with outreach program (2017) - dual enrollment with high schools and offer hybrid/online classes. Upgrade our network lab/classroom to complement students learning beyond software simulation with industry remote (logging into data center) capability which part of network engineer and system administrator responsibility.

**STATUS:**  Ongoing  Revised for this cycle  New  Completed  Discontinued

**SUPPORTING NARRATIVE FOR EACH GOALS' STATUS** *(Recommend length: not to exceed 250 words)*

## Instructional Program Review Update

- Ongoing
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  - d) What are challenges not already documented?  Not Applicable
- Revised – Explain how and why the goal has been revised: implementation plan? timelines? measures of success?
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- Completed – Note the accomplishments and to what extent the measure of success was met.
- Discontinued – Explain why.

For existing high school program goal, Jefferson and Capuchino High School classrooms have Linux and network lab equipment. Update Skyline Netx lab for remote capability to simulate data center environment as part of network engineer and system administrator.

### IMPLEMENTATION STEP(S) AND TIMELINE

Spring 2022 procure network equipment to upgrade on Skyline campus lab for high school students and future hybrid/online course learning experience as network engineer with remote capability to data center.

### GOAL ALIGNMENT WITH COLLEGE VALUE(S) – FOR ONLY NEW GOAL(S)

- Social Justice
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- Sustainability

### RESOURCE REQUEST RATIONALES FOR ONGOING, REVISED, & NEW GOALS

*(Recommended length: not to exceed 150 words for each goal)*

- Not Applicable

Which additional resources are needed (e.g., services from or partnerships with other areas of campus, instructional equipment, facilities, personnel, etc.)? How will they help to support the goal?



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**Note:** Referencing the goal and implementation step(s), submit the request(s) that require funding to your dean by November 15.

Hardware servers, virtualization software, analyzers, network security appliances

### 1.C. STATUS OF PRIOR GOAL – Goal # 3

#### GOAL, YEAR INITIATED, AND MEASURE OF SUCCESS IF NOT REFERENCED IN GOAL

Provide new certificates: Cybersecurity and Cloud

**STATUS:**  Ongoing  Revised for this cycle  New  Completed  Discontinued

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- Ongoing
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  - b) What has been accomplished thus far?
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  - d) What are challenges not already documented?  Not Applicable
- Revised – Explain how and why the goal has been revised: implementation plan? timelines? measures of success?
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About 25% completed for certification but online course proposal for both classes will be submitted in January/February 2022 to Curriculum Committed. It will be online course with remote capability to our network lab complemented with software simulations.

#### IMPLEMENTATION STEP(S) AND TIMELINE

Our first phase was to develop initial courses to determine a demand from students and working professionals. Step 1- develop course format and content for curriculum committee - completed, Step 2 - submit to curriculum committed in January 2022 Step 3 Offered in Fall of 2022 or Spring 2023

#### GOAL ALIGNMENT WITH COLLEGE VALUE(S) – FOR ONLY NEW GOAL(S)

- Social Justice
- Campus Climate
- Open Access
- Student Success and Equity



## Instructional Program Review Update

- Academic Excellence
- Community Partnership
- Participatory Governance
- Sustainability

### RESOURCE REQUEST RATIONALES FOR ONGOING, REVISED, & NEW GOALS

*(Recommended length: not to exceed 150 words for each goal)*

- Not Applicable

Which additional resources are needed (e.g., services from or partnerships with other areas of campus, instructional equipment, facilities, personnel, etc.)? How will they help to support the goal?

**Note:** Referencing the goal and implementation step(s), submit the request(s) that require funding to your dean by November 15.

Security appliance, software simulation, hardware servers and network operating systems

### 1.D. STATUS OF PRIOR GOAL – Goal # 4

#### GOAL, YEAR INITIATED, AND MEASURE OF SUCCESS IF NOT REFERENCED IN GOAL

Relocate and consolidate 3 to 2 network classroom/lab and redesign the network lab equipment to accommodate the new classroom constraints. Relocating Bldg. 2 to Bldg. 19. Initiated 2019

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**SUPPORTING NARRATIVE FOR EACH GOALS' STATUS** *(Recommend length: not to exceed 250 words)*

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Ongoing 75% completed, moved equipment that can be reused, ewasted equipment old equipment estate, reused other excess equipment to high school, racked equipment and configured existing equipment , purchase 60% needed as result of classroom consolidation.



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Additional network equipment- smaller size factory form , network rack components and signage to older building Pacific Heights

### IMPLEMENTATION STEP(S) AND TIMELINE

Procure the remainder of the network equipment, rack components and signage - 2022 Academic year.

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### RESOURCE REQUEST RATIONALES FOR ONGOING, REVISED, & NEW GOALS

*(Recommended length: not to exceed 150 words for each goal)*

- Not Applicable

Which additional resources are needed (e.g., services from or partnerships with other areas of campus, instructional equipment, facilities, personnel, etc.)? How will they help to support the goal?

**Note:** Referencing the goal and implementation step(s), submit the request(s) that require funding to your dean by November 15.

To make our network lab operational " make whole" we need network equipment with smaller size, rack equipment and signage. Need industrial cabinets and rack to store heavy equipment that poses safety issues to students. Storage area much smaller utilizing empty walls in back of classroom.

## 2. COURSE SLO RESULTS

Upload the relevant [Improve](#) (formerly *Tracdat*) SLO reports with the last three years of course SLO results. If available, note any differences in assessment results by key disaggregations (e.g. modality, learning communities, etc.).

## Instructional Program Review Update

### 3. INSTITUTIONAL SLO RESULTS

When possible, concurrently assess course SLOs and ISLOs.

Report on the last three years of ISLO results which you'll receive from PRIE. Indicate if the results met the benchmark or were inconclusive. Additional commentary is optional.

ISLO	YEAR(S) ASSESSED	COURSE(S) TO ASSESS THE ISLO	RESULTS
CITIZENSHIP			
CRITICAL THINKING			
EFFECTIVE COMMUNICATION			
INFORMATION LITERACY			
LIFELONG WELLNESS	2019	NETX410	79% PROFICIENT

Drawing from 2 and 3, 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? Which course results led to action(s) that were planned or taken, if any? What efforts, if any, have been made to enhance student learning in those courses (e.g., curricular and pedagogical changes to the course; course sequencing, including complementary general education courses; adoption of OER/ZTC texts; assessment design; collaborations with other areas of campus, etc.)? *(Recommended length: not to exceed 250 words).*

The course participated had 80% of students highly proficient for Lifelong Wellness. Other classes in the future will be sureyed to meaausre ISLO.

### 4. CURRICULUM

Please check the boxes to indicate that the following tasks have been completed:

- Submitted a current assessment calendar with all active courses to the Office of Planning, Research, and Institutional Effectiveness
- Updated *Improve* with new or changed SLOs, and requested from PRIE the addition of new courses in order to input SLOs
  - Not Applicable
- Updated new or changed PSLOs on the program website after they are published in the College Catalog
  - Not Applicable



## Instructional Program Review Update

- Reviewed, updated (as needed), and submitted degree and certificate maps to the Curriculum Committee
- Not Applicable

### 5. ADDITIONAL INFORMATION

- Not Applicable

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.

## APPROVAL AND SIGNATURE

This document has been reviewed and approved by: Norman del Prado - NETX on 11/14/2021.