

2018 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

CURRENT YEAR: 2017-2018

CLUSTER: WORKFORCE DEVELOPMENT

NEXT SCHEDULED CPPR: 2018-2019

PROGRAM: CNET

LAST YEAR CPPR COMPLETED: 2015-2016

CURRENT DATE: 2/23/2018

The Annual Program Planning Worksheet (APPW) is the process for:

- reviewing, analyzing and assessing programs on an annual basis
- documenting relevant program changes, trends, and plans for the upcoming year
- identifying program needs, if any, that will become part of the program's resource plan
- highlighting specific program accomplishments and updates since last year's APPW
- tracking progress on a Program Sustainability Plan if established previously.

Note: Degrees and/or certificates for the same program may be consolidated into one APPW.

This APPW encompasses the following degrees and/or certificates:

[Click here to enter text.](#)

GENERAL PROGRAM UPDATE

Describe significant changes, if any, to program mission, purpose or direction. *If there are not any, indicate: NONE.*

[Click here to enter text.](#)

PROGRAM SUSTAINABILITY PLAN UPDATE

Was a Program Sustainability Plan established in your program's most recent Comprehensive Program Plan and Review?

Yes ☐ If yes, please complete the Program Sustainability Plan Progress Report below.

No ☒ If no, you do not need to complete a Progress Report.

If you selected yes, please complete the Program Sustainability Plan Progress Report below after you complete the Data Analysis section. That data collection and analysis will help you to update, if necessary, your Program Sustainability Plan.

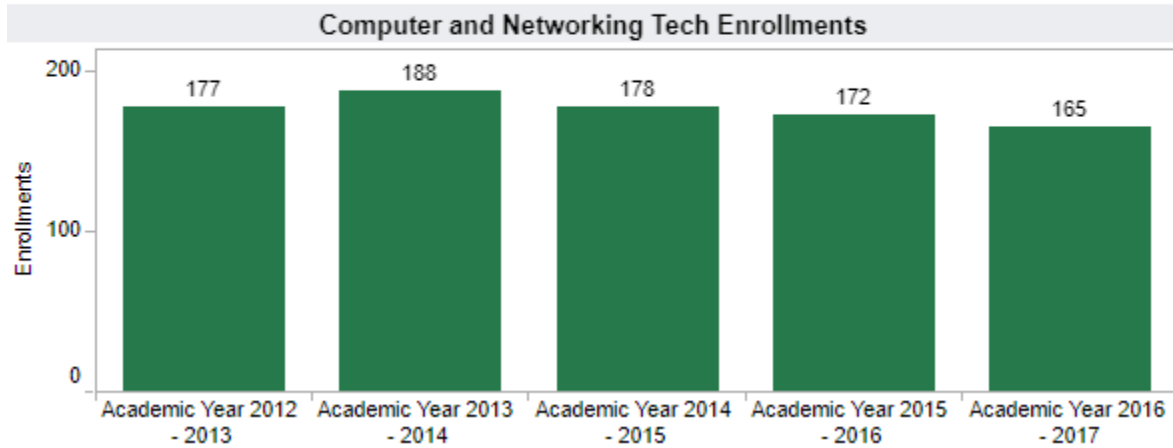
DATA ANALYSIS AND PROGRAM-SPECIFIC MEASUREMENTS

Your responses to the prompts for the data elements below should be for the entire program. If this APPW is for multiple degrees and/or certificates then you MAY want to comment on each degree and/or certificate, or discuss them holistically for the entire program being sure to highlight relevant trends for particular degrees and/or certificates, if necessary. Responses in this document need only reference the most recent year's available data.

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[General Enrollment \(Insert Aggregated Data Chart\)](#)

Department: Course: Dual Enrollment: Prison:

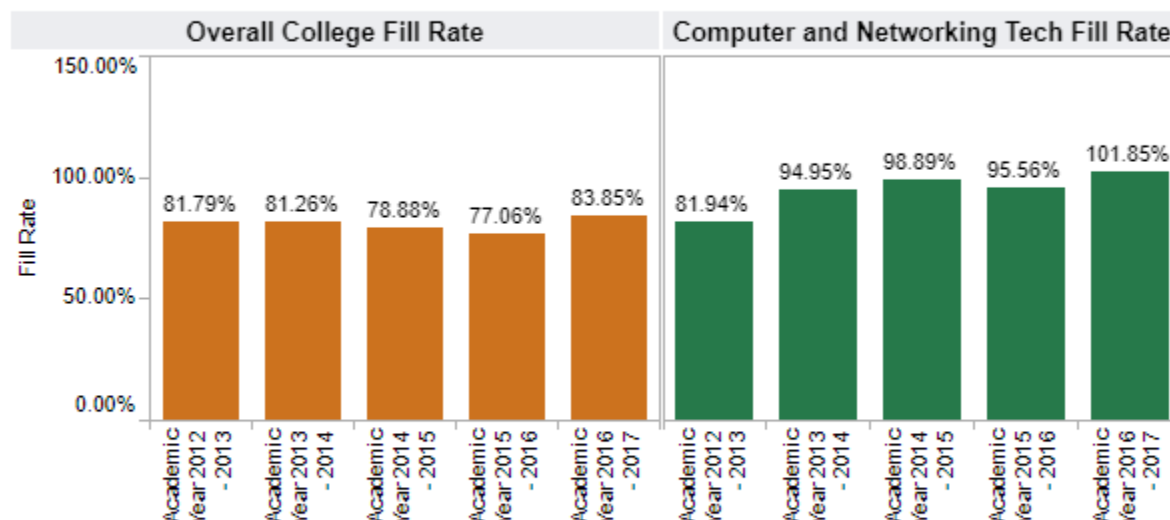


The enrollments are essentially the same over the last five years but are showing a steady decrease each year for the last 4 years (-4% overall). This may be due to economic conditions in which demand for IT workers has increased so the bar for employment may have dropped making school less necessary to get into the field. Also, demographics and online learning options maybe having an effect. This year there is also the factor of the state funded internship program for IT workers that has taken several of our students.

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General Student Demand (Fill Rate) (Insert Aggregated Data Chart)

Department: Course: Dual Enrollment: Prison:



Fill Rate: The ratio of enrollments to class limits. Cross listed class limits are adjusted appropriately.
Also, courses with zero class limits are excluded from this measure.

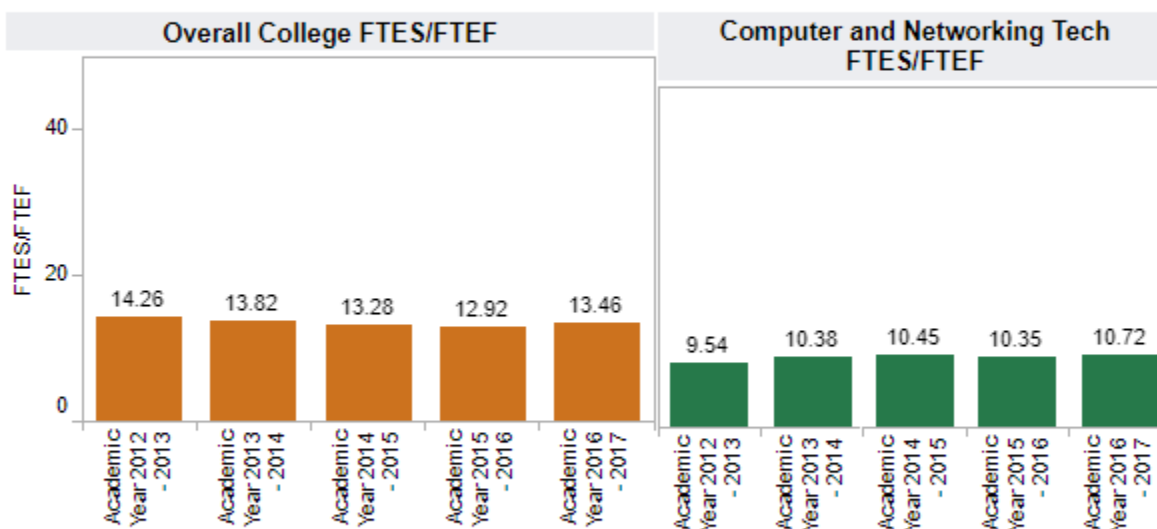
Interestingly even though enrollments have dropped the fill rate of the courses is increasing. At one point the number of each course section offered was reduced to once a year for most courses which helped the fill rates and efficiency.

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[General Efficiency \(FTES/FTEF\) \(Insert Aggregated Data Chart\)](#)

SLOCCCD Program Review Data - Efficiency (FTES/FTEF)

Department:
 Course:
 Dual Enrollment:
 Prison:



FTES/FTEF: The ratio of total FTES to Full-Time Equivalent Faculty
(SXD4 Total-Hours/17.5)/XE03 FACULTY-ASSIGNMENT-FTE)

The efficiency of the courses are steady increasing slightly over the last five years. At one point the number of each course section offered was reduced to once a year for most courses which helped the fill rates and efficiency. The efficiency has been limited partly due to lab constraints' for equipment and space. Going to a hybrid model may help some although these types of courses are hard to break up lab and lecture and tend to have low student success without more instructor guidance as has been proved by CNET 260 and 260 online sections.

[Student Success—Course Modality \(Insert Data Chart\)](#)**SLOCCCD Program Review Data: Successful Course Completion**

Select Department:



Course:

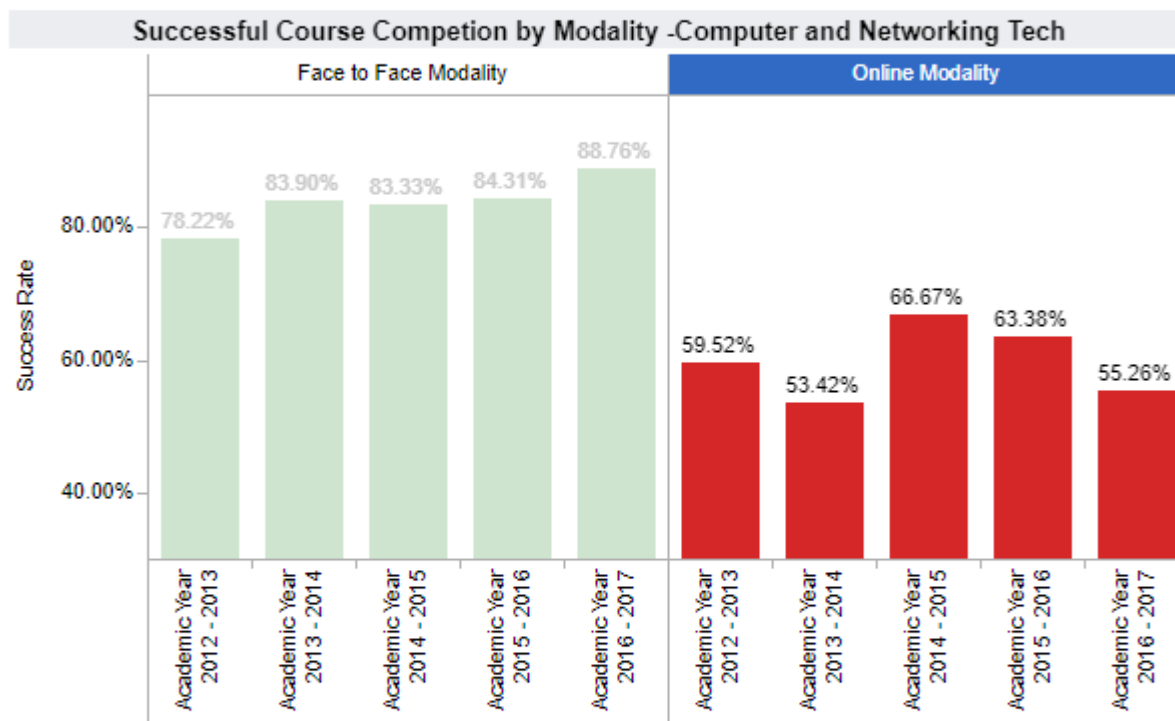
Legend:

Computer and Networking Tech

(All)

Face to Face Modality

Online Modality



Successful Course Completion by Modality Table - Computer and Networking Tech						
		Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017
Face to Face Modality	Department Success Rate	78.22%	83.90%	83.33%	84.31%	88.76%
	Total Department Enrollments	101.0	118.0	102.0	102.0	89.0
Online Modality	Department Success Rate	59.52%	53.42%	66.67%	63.38%	55.26%
	Total Department Enrollments	84.0	73.0	78.0	71.0	76.0

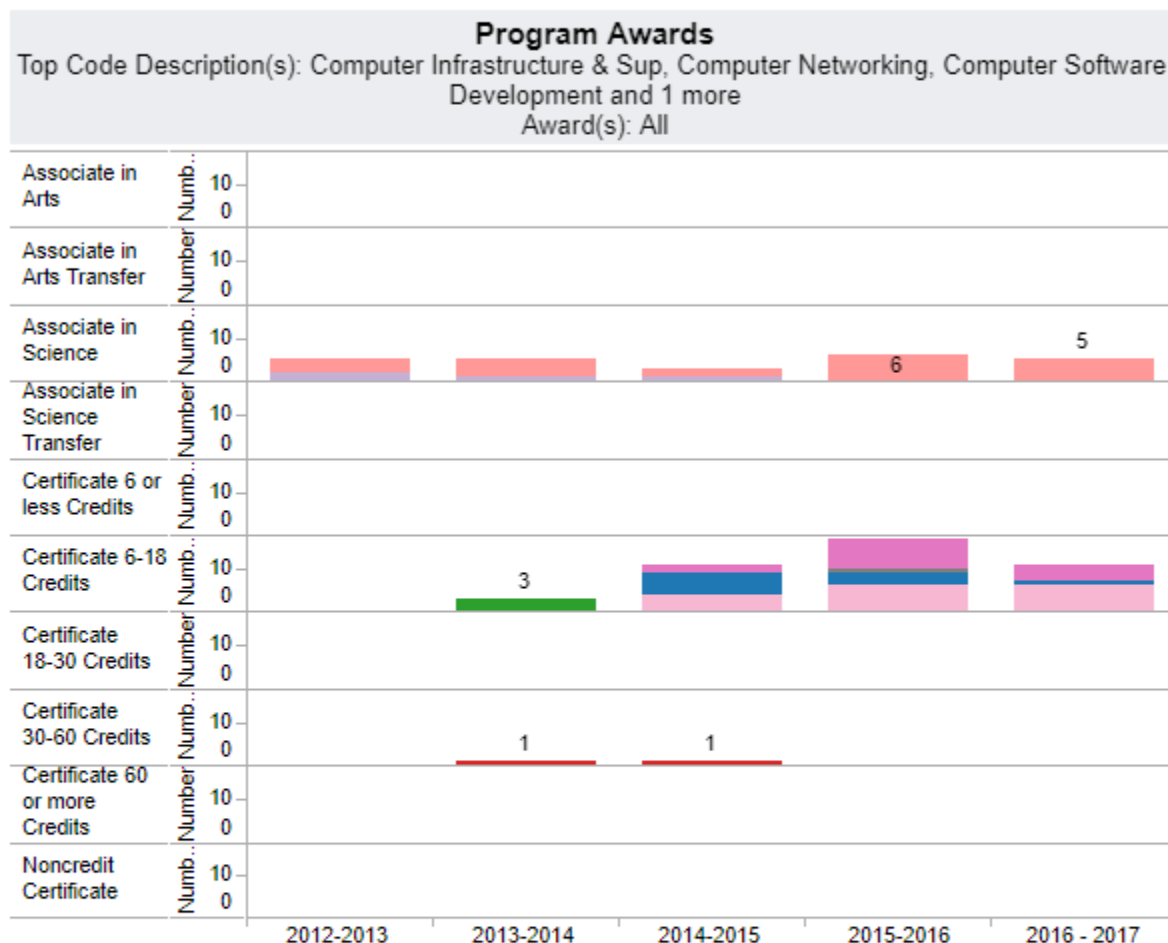
This data proves the previous section statement that highly technical computer technology courses have a low success rate in the online mode as compared to face to face mode.

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Degrees and Certificates Awarded (Insert Data Chart)

SLOCCCD Program Review Data: Degrees and Certificates Awarded

Program: Award Type:



Program Awards Table						
Award T.	Award	2012-2013	2013-2014	2014-2015	2015-2016	2016 - 2017
Associate in Science	Computer & Network Tech (AS)	3	4	2	6	5
	Computer Network Admin (AS)	2	1	1		
	Total	5	5	3	6	5
Certificate 6-18 Credits	Comp & Network Maint (CA)		3			
	Comp Supp Spec (CS)			2	7	4

Program Awards: The number of degrees and certificates awarded by program type

The number of Degrees has remained constant over the last 5 years at about 5/yr. The number of certificates has shown some years of increase but is fluctuating significantly. These numbers are low but maybe explained by many students who take computer related courses are

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interested in specific technologies and industrial certifications which our courses align with, so they may not be interested in pursuing Cuesta degree or certificate options.

General Student Success – Course Completion (Insert Aggregated Data Chart)

Review the Disaggregated Student Success charts; include any charts that you will reference.

Describe any departmental or pedagogical outcomes that have occurred as a result of programmatic discussion regarding the data presented.

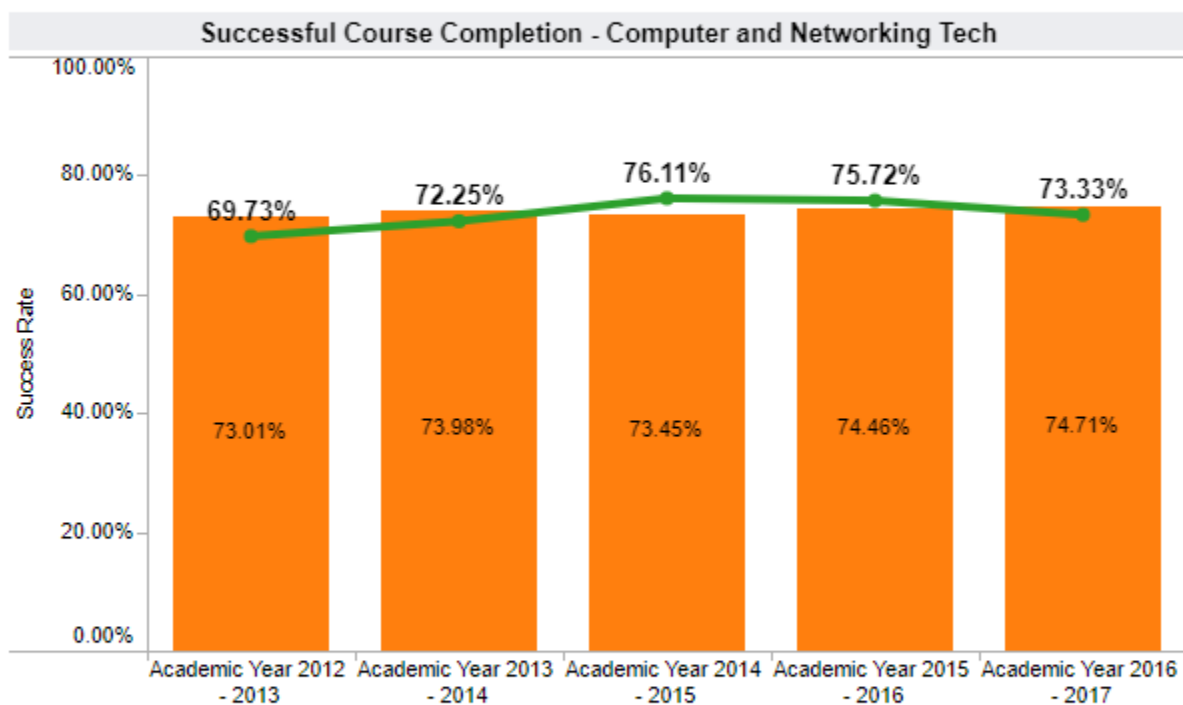
SLOCCCD Program Review Data: Successful Course Completion

Select Department: 
 Computer and Networking Tech

COURSE
 (All)

Legend:

- Department Success Rate
- Overall College Success Rate

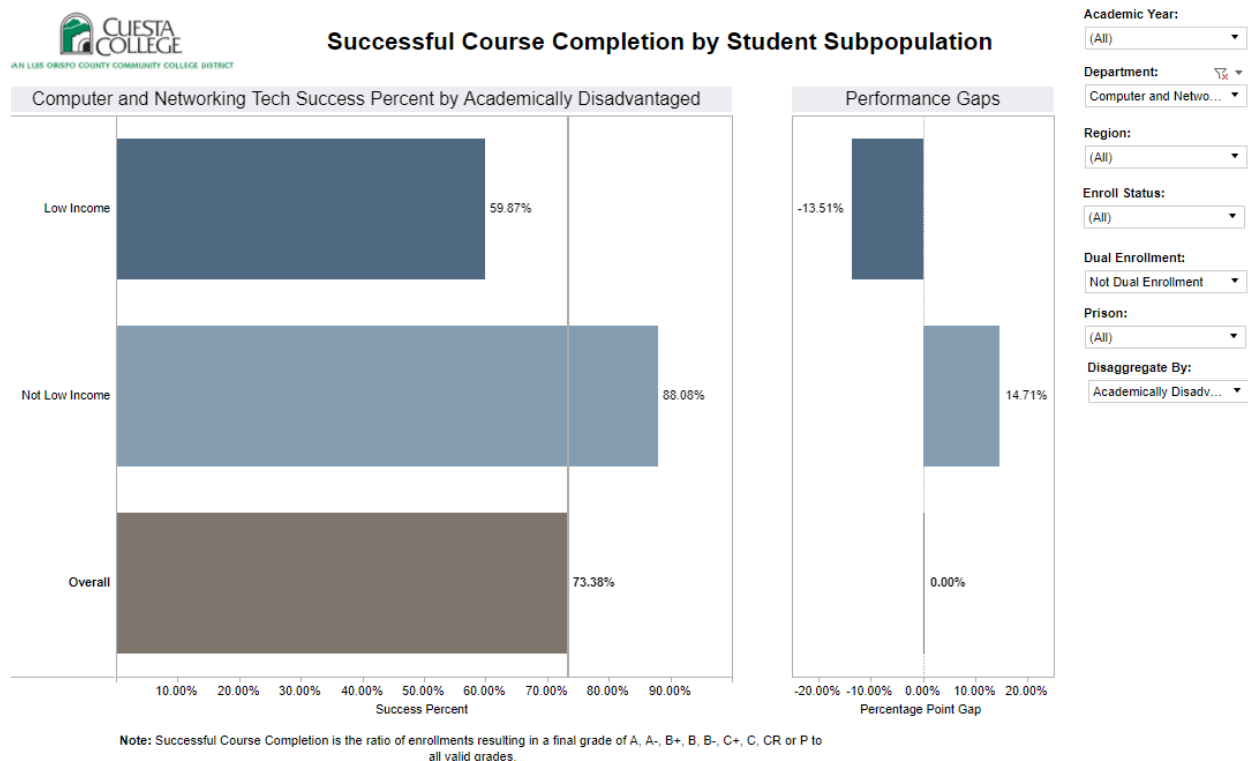


Computer and Networking Tech Success Rate Table

	Academic Year 2012 - 2013	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017
Department Success..	69.73%	72.25%	76.11%	75.72%	73.33%
Total Enrollments	185	191	180	173	165

Over all the student success has remained constant and is consistent with the rest of the college

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This data shows that the success of students is affected by income greatly. This is consistent with all other programs since income and the ability to focus on studies is not limited to a particular field. However, in highly technical lab oriented courses the effect may be amplified since missing class sections for work etc. has a higher impact on success due to the complexity of the material is harder to recover from.

OTHER RELEVANT PROGRAM DATA (OPTIONAL)

Provide and comment on any other data that is relevant to your program such as state or national certification/licensure exam results, employment data, etc. If necessary, describe origin and/or data collection methods used.

PROGRAM OUTCOMES ASSESSMENT CHECKLIST AND NARRATIVE

CHECKLIST:

- ☒ SLO assessment cycle calendar is up to date.
 - ☐ All courses scheduled for assessment have been assessed in eLumen.
- Some part time instructors have not finished their assessment and some courses are going to be placed into disabled status in curricunet.
- ☐ Program Sustainability Plan progress report completed (if applicable).

NARRATIVE:

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Briefly describe program changes, if any, which have been implemented in the previous year as a direct result of the Program or Student Services Learning Outcomes Assessment. *If no program changes have been made as results of Program or Student Services Learning Outcomes Assessment, indicate: NONE.*

The main program change that has been made due to assessment by both student and industry has been the modification of the degree pattern to include a Network Security course at the expense of a reduced number of units in electronics theory.

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PROGRAM PLANNING / FORECASTING FOR THE NEXT ACADEMIC YEAR

Briefly describe any program plans for the upcoming academic year. These may include, but are not limited to the following: *(Note: you do not need to respond to each of the items below). If there are no forecasted plans for the program, for the upcoming year, indicate: NONE.*

- A. New or modified plans for achieving program-learning outcomes.
The addition of business 223 will help with soft skills
- B. Anticipated changes in curriculum, scheduling or delivery modality
Looking into creating more hybrid options. Will be scheduling new security course for the fall 2018
- C. Levels, delivery or types of services
Dual Enrollment options for the security course at Coast Union.
- D. Facilities changes
None
- E. Staffing projections
None
- F. Other

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PROGRAM SUSTAINABILITY PLAN PROGRESS REPORT

This section only needs to be completed if a program has an existing Program Sustainability Plan. Indicate whether objectives established in your Program Sustainability Plan have been addressed or not, and if improvement targets have been met.

Area of Decline or Challenge	Identified Objective (Paste from PSP)	Planning Steps (Check all that apply)	Has the Improvement Target Been Met?
Enrollment		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Demand (Fill Rate)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Efficiency (FTES/FTEF)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success – Course Completion		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success— Course Modality		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Degrees and Certificates Awarded		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one

If Program Sustainability Plan is still necessary, provide a brief description of how you plan to continue your PSP and update your PSP to remove any objectives that have been addressed and include any new objectives that are needed.

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OPTIONAL SURVEY

Please take 15 minutes to complete the IPPR Survey. Your assessment will serve to help us make the form and process better.

Thanks,

The IPPR Committee

Survey Link: <https://www.surveymonkey.com/r/J79W8GW>