

INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET FOR 2017-2018

CURRENT YEAR: 2016-2017

PROGRAM: LICENSED VOCATIONAL NURSING

CLUSTER: SCIENCE, MATH, NURSING/ALLIED HEALTH, KINESIOLOGY, HEALTH SCIENCES AND ATHLETICS

LAST YEAR CPPR COMPLETED: 2014-2015

NEXT SCHEDULED CPPR: 2018-2019

CURRENT DATE: 3/1/2017

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.

This APPW encompasses the following degrees and/or certificates:

LVN Certificate of Achievement, LVN Associate Degree in Science

GENERAL PROGRAM UPDATE

The LVN program prepares students for entry-level vocational nursing positions in a variety of healthcare settings. The program is offered as a 12-month Fast Track program that can be completed in one year, including two 18-week semesters and a 10-week summer session. The program is offered on the North County Campus with clinical sites ranging from Paso Robles to Arroyo Grande. An Associate Degree LVN option is now available to students completing the 12-month Certificate program.

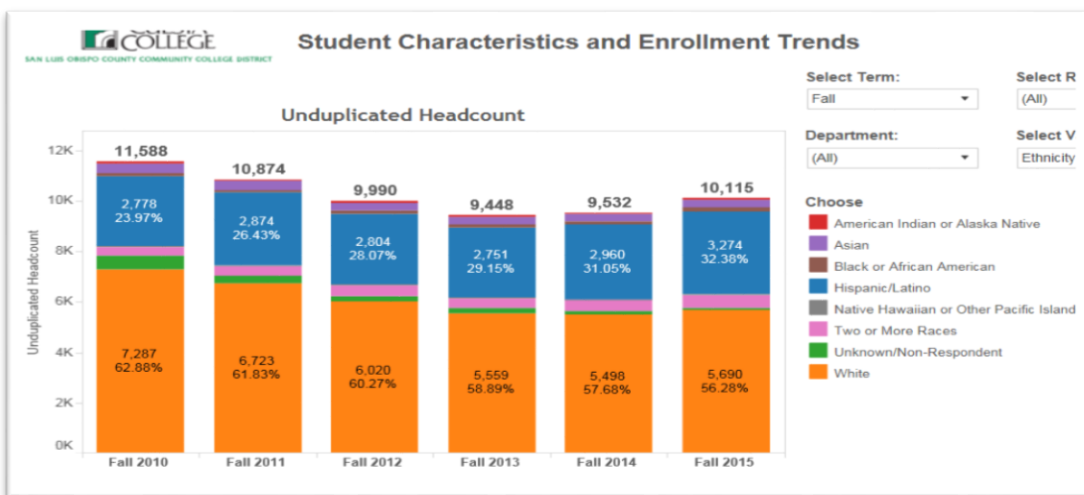
PROGRAM SUSTAINABILITY PLAN UPDATE

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.

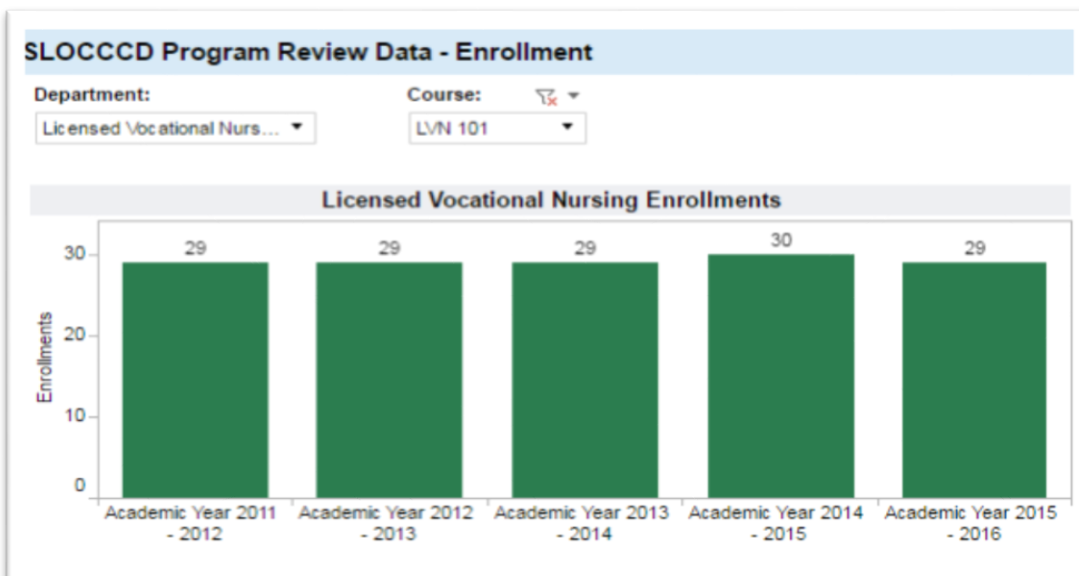
1. Enrollment



- The LVN program diversity is rich, exceeding overall campus diversity.

	<u>2014-2015</u>	<u>2015-2016</u>
Asian	20%	24%
American Native		3%
Hispanic	37%	33%
White	40%	40%
Age	20-50yr	22-54yr
Male	3%	13%

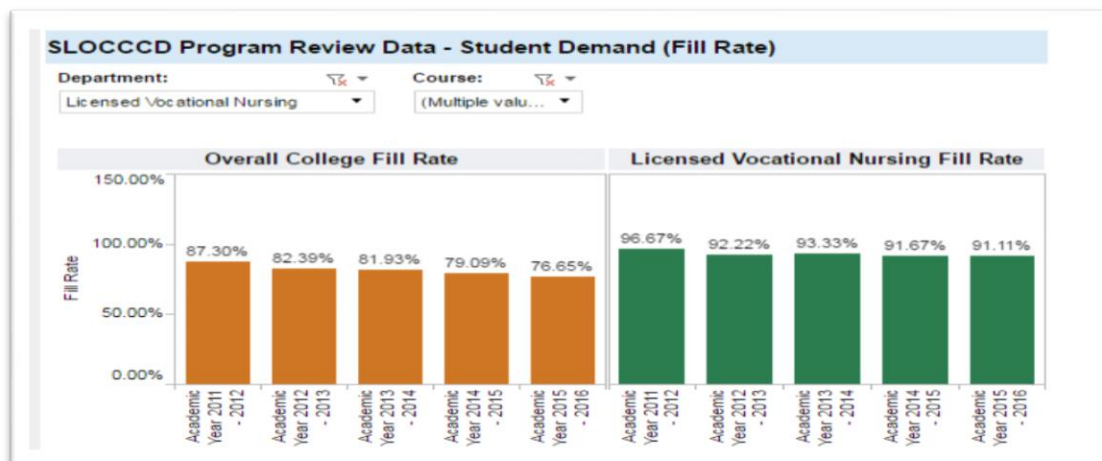
- Nursing remains a female-dominant profession, however male enrollment will likely increase with more visibility in the profession and increasing earning potential. The 2016-2017 cohort has realized this increase with male enrollment at 20%.



Enrollment in the LVN courses has remained consistent, with 30 students entering each 1st semester,

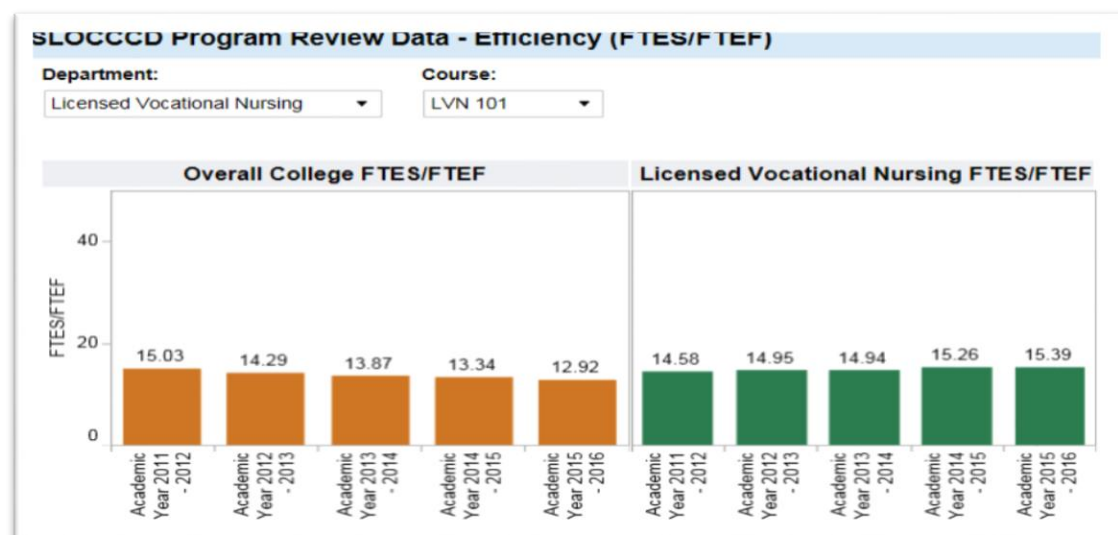
and is anticipated to remain unchanged. Enrollment into the program is regulated and approved by the Board of Vocational Nursing. Enrollment in 2nd and 3rd semester is more variable due to attrition, and the inability to fill seats because students must complete the semesters 1 – 3 in sequence.

2. Student Demand



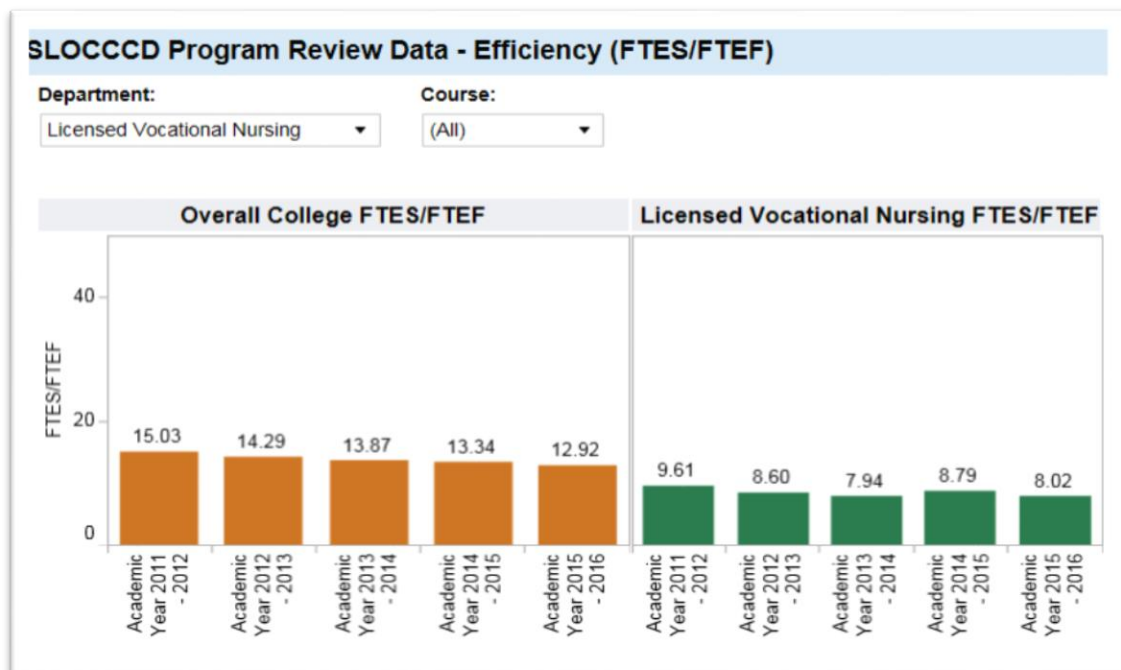
- LVN program course fill rates exceed the college and receives 80-94 eligible applicants every year for 30 seats. Fill rates for the start of the program are always 100%. The data above indicates our fill rates in all fluctuating from 91.11% to 96.67%.
- The above data represent 1st, 2nd, and 3rd terms which are variable due to attrition and students on one-year leave reentering.
- Attrition occurs in the 12-month, accelerated, demanding, fast-track program due to personal and academic issues. Attrition at the end of each semester (academic or life issues) will decrease fill rates for the next semester. Variance in fill rate is related to a student drop and the inability to fill the spot due to the inability to make up clinical content.

3. Efficiency



The data in the table above shows efficiency of the nursing theory course in the 1st

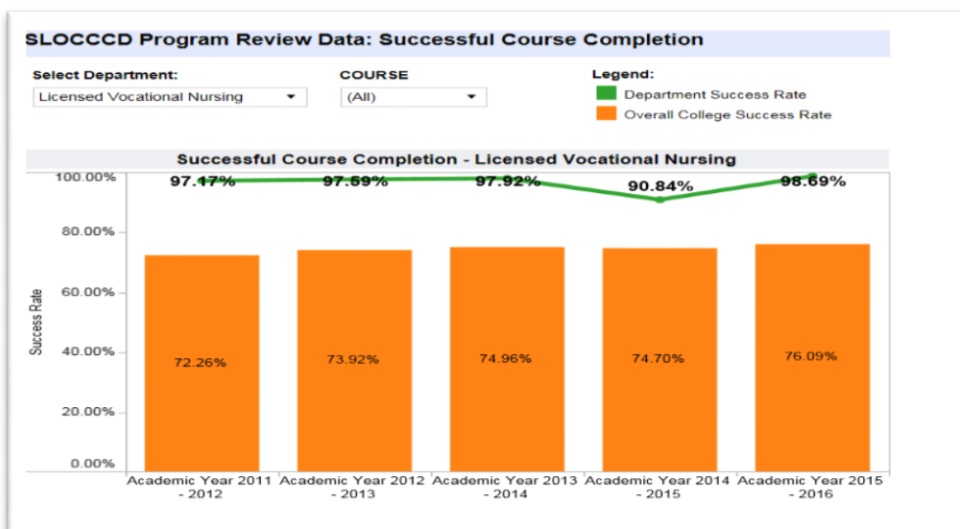
semester, without the clinical patient care component, in which one faculty lectures to all students resulting in efficiency that is above overall college efficiency.



The data above reveals efficiency numbers for both LVN lecture and clinical patient care courses combined. The clinical patient care courses have a lower student to faculty ratio to maintain safe patient care in clinical settings as well as variations in the sizes of the clinical sites.

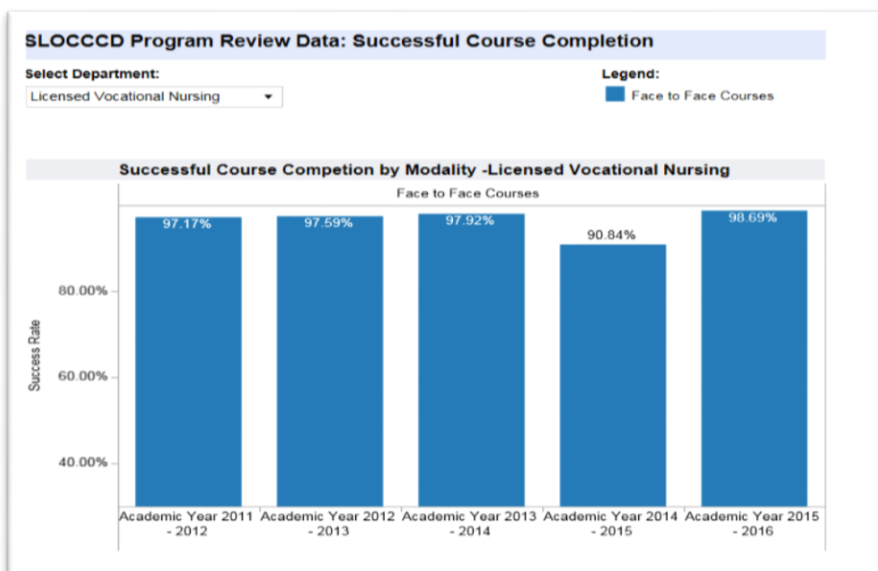
The size of the program is a complex determination balancing the needs of clinical agencies, patient care experiences, market forecasting, and college requirements. We cannot admit additional students or add required credits into the three semesters of the nursing program due to without regulatory approval from the Board of Vocational Nursing and Psychiatric Technicians (BVNPT).

4. Student Success – Course Completion



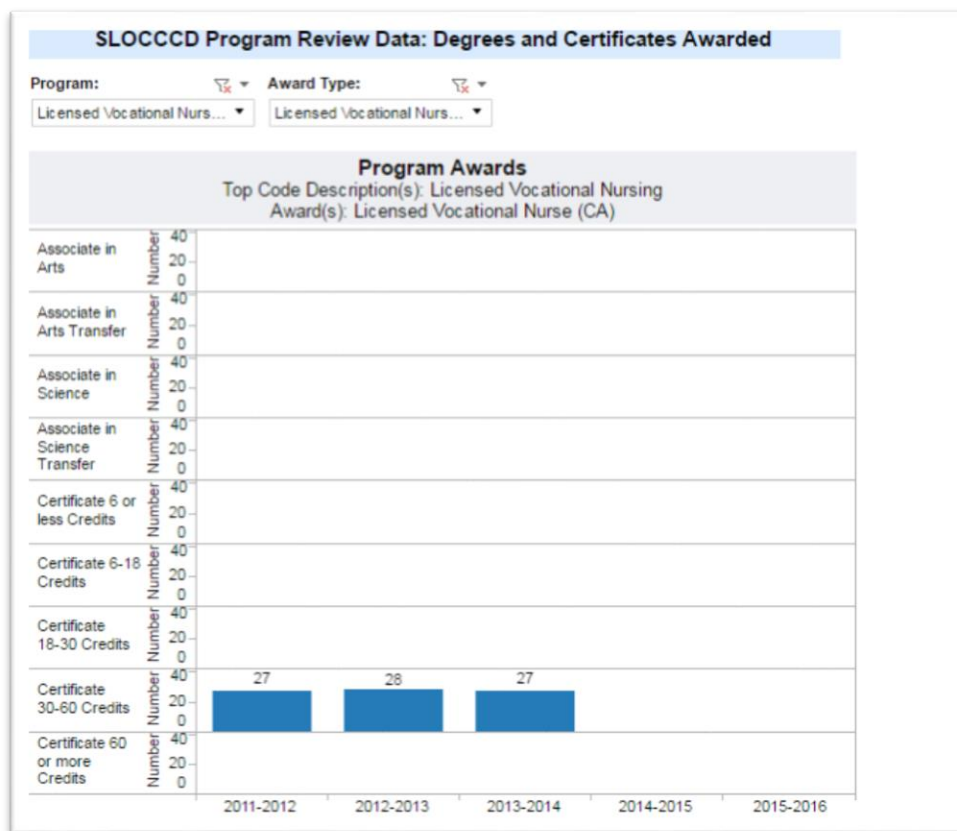
This chart reflects the successful completion (grade C or higher) of all required courses in the three semesters of the LVN program. The LVN Program success rate over the past 5 years has been consistently higher than 95%. Course completion trends are consistent, with minimal change predicted due to the strong desire for students to become nurses, and a dedicated faculty and Success Specialist. We will continue strategies currently employed, pre-class workshops, 1:1 counseling, test-prep program, and pre-licensure two day review, and explore enhancing BIO 212 with Biology department to further prepare future students. This would improve preparation for pharmacology and understanding of disease mechanisms without increasing the demand for higher-level anatomy and physiology courses.

5. Student Success – Course Modality



All courses are face to face. The LVN program does not offer distance education courses.

6. Degrees and Certificates Awarded



- The 2014-2015 cohort completed in August 2015 with 23 certificates awarded. The 2015-2016 cohort completed August 2016 with 30 Certificates awarded. The 2016-2017 cohort is expected to complete with 24 Certificates. The program consistently awards 23-30 certificates each cohort.
- As of Fall 2016, the LVN Associate Degree in Science is available to students completing the Certificate program and to alumni.
- With small fluctuation, the certificates awarded are consistent.

OTHER RELEVANT PROGRAM DATA (OPTIONAL)

The labor market for LVN's is projected to increase both locally and regionally over the next five years. It is anticipated that there will be 28 openings each year locally and 170 openings in the South Central Region. Graduates in this field are likely to earn a wage that is higher than the living wage of \$15.42 for a family of two adults and two children in San Luis Obispo County.

1st time licensure preliminary pass rates was 71% for the cohort graduating in August 2016, however final data from the BVNPT is not yet available. The national average was 70.59% for the same time period.

PROGRAM OUTCOMES ASSESSMENT AND IMPROVEMENTS CHECKLIST AND NARRATIVE

CHECKLIST:

- ☒ SLO assessment cycle calendar is up to date.
- ☒ Date SLO assessment cycle calendar was last updated: Current calendar was last updated March 2016 and runs through Summer 202.
- ☒ All courses scheduled for assessment have been assessed in eLumen
- ☒ Dates of last completed course assessments in eLumen : Summer 2016 courses were assessed in Fall 2016 and are in eLumen
- ☐ Program Sustainability Plan progress report completed (not required)

PROGRAM PLANNING / FORECASTING FOR THE NEXT ACADEMIC YEAR

- A. Budget requests that are related to SLOs have been included in the 2017-2018 Resource Plan.
- Professional development for faculty to remain current in BVNPT required content areas of geriatrics, maternal child health, psychiatric health, fundamentals and medical-surgical nursing.
 - Obtain funding to continue Simulation experiences.
 - Simulation Lab expansion to include multiple patients to increase scenarios on time management and prioritization skills. Other simulations that will be continued or emphasized more include medication administration, assessment techniques, psychiatric nursing communication and assessment.
 - Update equipment to meet what is utilized in the clinical patient care environment and replacement of equipment that is consistently worn and used during the year.
 - Continued purchase of National Council of State Boards of Nursing (NCSBN) Program Report data to assist in measuring student performance on their licensure exam (NCLEX) in specific areas of learning to assist in program review each year.
 - Update content specific instructional media as noted in the resource plan.
- B. The job market in SLO County and nationally has diversified for the LVN. Any future curriculum change must look at increasing the students' clinical experiences to include forensics, school nursing, home health, and medical office practices. This will require additional faculty to provide.
- C. Levels or delivery of support services
- The nursing program will continue to collaborate with the following college departments to best serve the nursing students as they prepare to apply for the program, complete nursing courses within the program, successfully apply and pass their licensure examination and obtain timely employment in the field. However, several of these services are funded through grants and community donors.
- Admissions and Records
 - Counseling
 - Research

- Assessment
- Fiscal Analyst

D. Facilities changes

The current N2407 is not a large enough room to accommodate the level of activity and work necessary to prepare nursing 30 students. The following is needed:

- Dedicated classroom that can accommodate 30 students for 8 hour lecture days
- Dedicated skills lab that can accommodate the same number of students with the BVNPT mandated 5 patient bays to practice nursing skills with large equipment and skills practice supplies.
- Relocation and expansion of Simulation lab to allow for multiple patient care scenarios.
- Adequate storage and increased surfaces to set up lab stations; more table/desk surface with storage for students to work and access their text books, lap tops, safely stow supplies and books they bring into the lab each classroom day.

We currently utilize other rooms on NCC (computer labs) for NCLEX practice testing and the availability of these spaces is decreasing due to demand. With our own 30 devices, we can be more efficient and enhance LVN student preparation for the job market technology they will encounter.

E. Staffing projections

- Ten - twenty hours per week allocated to simulation coordination
- Additional clinical faculty for LVN103B to prepare and provide behavioral health out rotation activities for the 4-5 week clinical
- Continued Secretary III position support at 75% and possible increase to 100% to serve other allied health programs on the NCC.
- Continued Teaching Assistant (TA) support in the skills and simulation lab

F. Strategies for responding to the predicted budget and FTES target for the next academic year

- Continue to evaluate community need to determine the best number of students to admit annually into the LVN program.
- Work closely with the foundation to maintain community partnerships.