

## 2022 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

**CURRENT YEAR: 2022**

**PROGRAM: LICENSED VOCATIONAL NURSING (LVN)**

**CLUSTER: HEALTH, AGRICULTURE, WORKFORCE & KINESIOLOGY**

**LAST YEAR CPPR COMPLETED: 2019-2021**

**NEXT SCHEDULED CPPR: 2022-2023**

**CURRENT DATE: 2/10/2022**

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:

- Associate Science Licensed, Vocational Nurse, Associate Degree in Science
- Certificate of Achievement. Licensed Vocational Nursing Certificate
- Certification of Specialization, Licensed Vocational Nursing Basic Intravenous Therapy, Blood Administration, and Phlebotomy Certificate

### GENERAL PROGRAM UPDATE

The **Licensed Vocational Nursing (LVN) certificate course/program** continues to educate high quality nurses who become employed in a variety of healthcare settings. Every year, our graduates are either hired by healthcare agencies or continue their nursing education by entering registered nursing or other advanced healthcare areas.

The COVID-19 pandemic required our LVN class scheduled to complete in August of 2020 to postpone its 3<sup>rd</sup> Summer term due to the inability to place students in long-term care facilities for the required clinical hours. This cohort was able to be placed 1:1 with staff nurses in an extended preceptorship and complete their program in November 2020. A minor curriculum revision was submitted and approved by the LVN regulatory board, the BVNPT, as well as permission granted from clinical agencies for low numbers of students to be placed for patient care on any given day in order to complete required clinical hours.

The cohort scheduled to begin August 2020 was also postponed due to the pandemic and lack of clinical placements. This cohort was able to begin the program in August 2021.

The pause between cohorts was used to review the 12-month fast-track program and it was strengthened by creating a 3-term program consisting of 3 full semesters, with the summer off for a needed break and reset for both students and faculty. This slight extension to the program allows

for the alignment of pediatric and obstetric theory hours to be taught concurrently in the same semester clinical hours are completed. In addition, the leadership, mental health, and geriatric components have been strengthened. The program curriculum revision was approved through the proper college and Board of Vocational and Psychiatric Technicians (BVNPT) channels. Indeed, our BVNPT consultant had nothing but praise for the changes.

The program will be continued to be offered on the North County Campus with clinical sites ranging from Paso Robles to Arroyo Grande.

Compass Health, Inc. has been consulted and updated with all program changes. Our strong partnership with this much needed clinical partner in our region will continue.

**The LVN Associate Degree** option that became effective Fall 2016 continues to be a strong option for students.

### **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.2022

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

Responses for the data elements below are for the entire program.

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

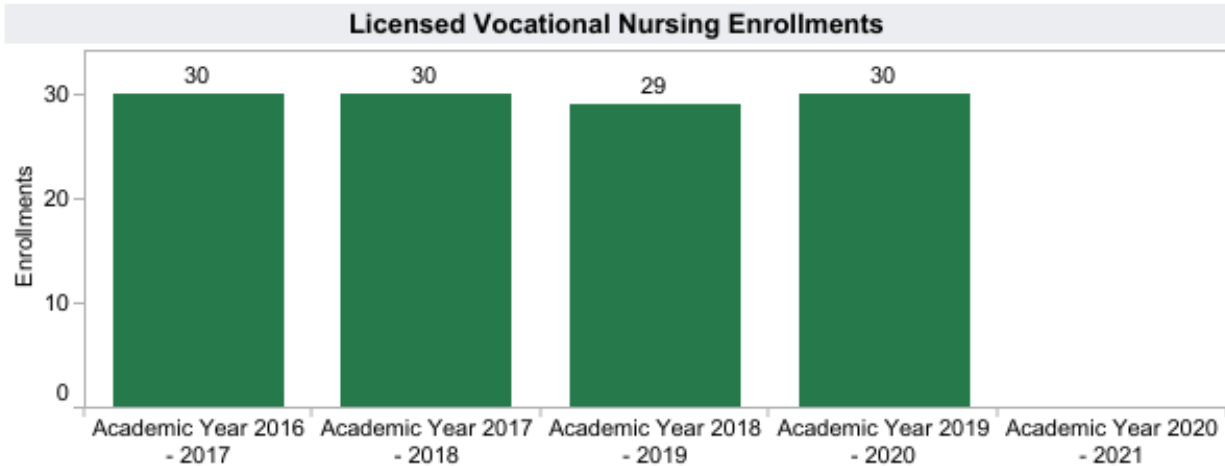
### SLOCCCD Program Review Data - Enrollment

**Department:**  
Licensed Vocational Nursing

**Course:**  
LVN 101

**Dual Enrollment:**  
All

**Prison:**  
All



### Fall Semester Theory Course (1<sup>st</sup> semester of 3 in the LVN Program)

The above chart demonstrates enrollments in the 1<sup>st</sup> semester of the LVN program. Enrollment is by application and currently set at 30 students annually by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT). In the academic year 2020-2021 due to COVID, the ability to place students in clinical facilities was limited. This prevented the enrollments in 1<sup>st</sup> semester courses, indicated by LVN 101. In the past, we have been steady and are expected to remain consistent with thirty students. These students advance to the required 2<sup>nd</sup> and 3<sup>rd</sup> semester courses.

## SLOCCCD Program Review Data - Enrollment

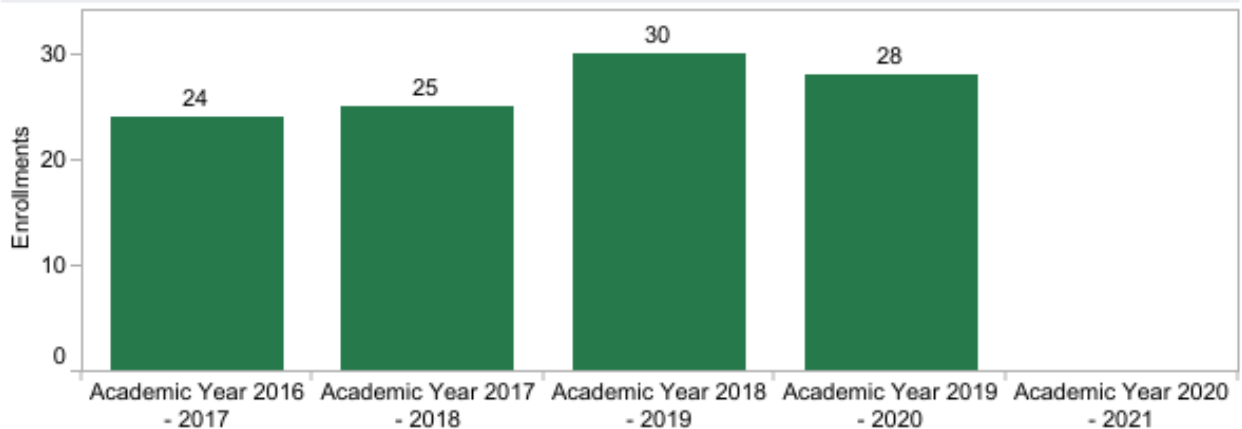
**Department:**  
Licensed Vocational Nursing

**Course:**  
LVN 102

**Dual Enrollment:**  
All

**Prison:**  
All

### Licensed Vocational Nursing Enrollments



### Spring Semester Theory Course (2nd semester of 3 in the LVN Program)

In the academic year 2020-2021 due to COVID, our local facilities were unable to accommodate any students. This prevented the enrollments in 2nd semester courses, indicated by LVN 102. The above chart demonstrates enrollments of students who progress to the 2<sup>nd</sup> semester of the LVN program. More variability is noted in the 2<sup>nd</sup> semester courses, due to academic or personal student drops from the program. As able, vacated seats are filled with reentry students who obtained a faculty approved leave of absence, which is good for one year only.

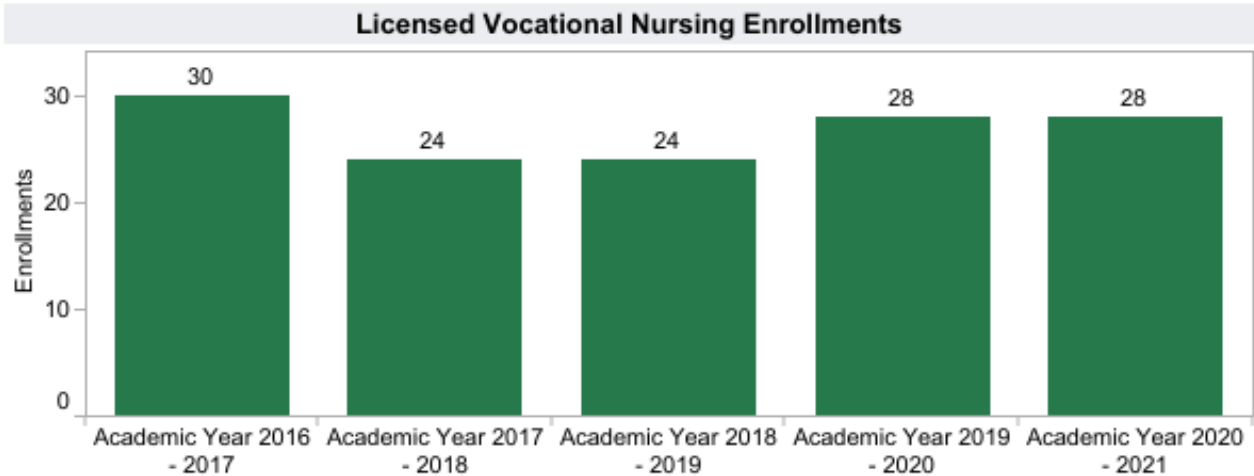
## SLOCCCD Program Review Data - Enrollment

**Department:**  
Licensed Vocational Nursing

**Course:**  
LVN 103

**Dual Enrollment:**  
All

**Prison:**  
All



### Summer Semester Theory Course (third semester of 3 in the LVN Program)

Third semester enrollment data reflects the final of three semesters in the LVN Program. Course enrollment data again reflects the variability secondary to attrition and the inability to fill seats since students must complete the three semesters sequentially.

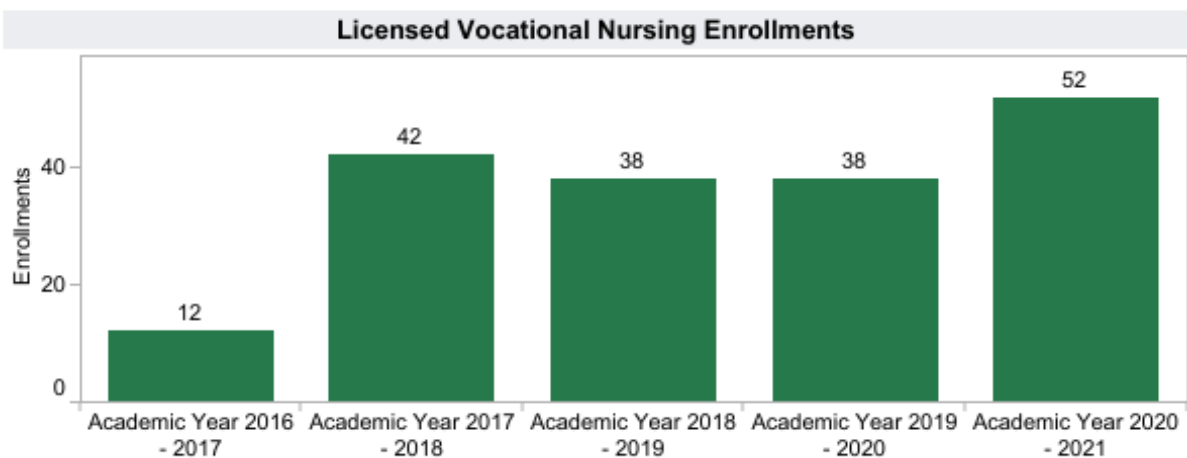
## SLOCCCD Program Review Data - Enrollment

**Department:**  
Licensed Vocational Nursing

**Course:**  
Multiple values

**Dual Enrollment:**  
All

**Prison:**  
All



## Certificate of Specialization, Intravenous Therapy, Blood Administration and Phlebotomy

Certificate of Specialization, Intravenous Therapy, Blood Administration and Phlebotomy Certification Course has been offered since 2017 and is approved by the California BVNPT for licensed vocational nurses. Students completing the course will receive certification in IV Therapy and Blood Withdrawal and may incorporate this training within their scope of practice. This course is renewed every 2 years through the BVNPT and is due for renewal March 2022.

### [General Student Demand \(Fill Rate\)](#)

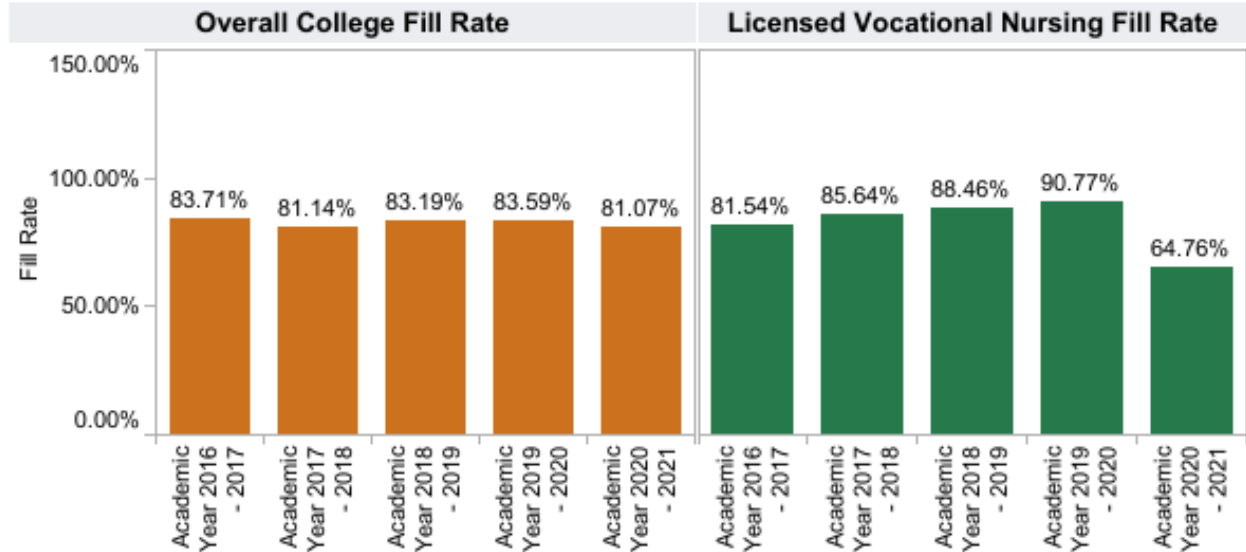
#### SLOCCCD Program Review Data - Student Demand (Fill Rate)

**Department:**  
Licensed Vocational Nursing

**Course:**  
All

**Dual Enrollment:**  
All

**Prison:**  
All



### General Student Demand (Fill Rate):

In the academic year 2020-2021 due to COVID, our local facilities were unable to accommodate students. This prevented the enrollments in 1<sup>st</sup> and 2<sup>nd</sup> semester courses for that academic year only. Overall program fill rate remains higher as compared to the overall college fill rate.

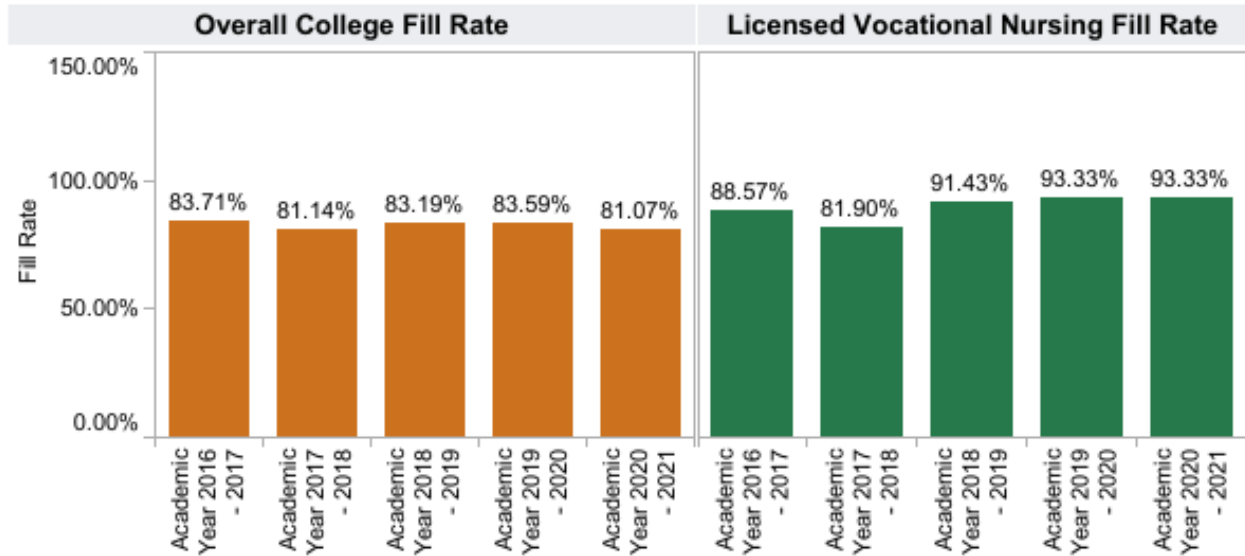
## SLOCCCD Program Review Data - Student Demand (Fill Rate)

**Department:**  
Licensed Vocational Nursing

**Course:**  
Multiple values

**Dual Enrollment:**  
All

**Prison:**  
All



LVN Program course fill rate is consistent and above overall college numbers with the exceptions as noted in the above chart for course LVN 101. Fill rates at the beginning of the LVN program are always 100%. Any variance to this fill rate is related to student attrition due to academic or personal reasons. Students who drop are eligible to reenter the program within one year with a faculty approved leave of absence / reentry request, pending an available space in the semester they exited. To minimize attrition in the 2<sup>nd</sup> and 3<sup>rd</sup> semesters, faculty increased math and biology prerequisites to better prepare students and increase program completion numbers in the next application cycle. In addition, faculty hold Information sessions every Fall and Spring to inform and prepare interested applicants of the program expectations and time requirements of a student once admitted. Despite this, some students are still not prepared with adequate financial and family support to be successful.

### [General Efficiency \(FTES/FTEF\)](#)

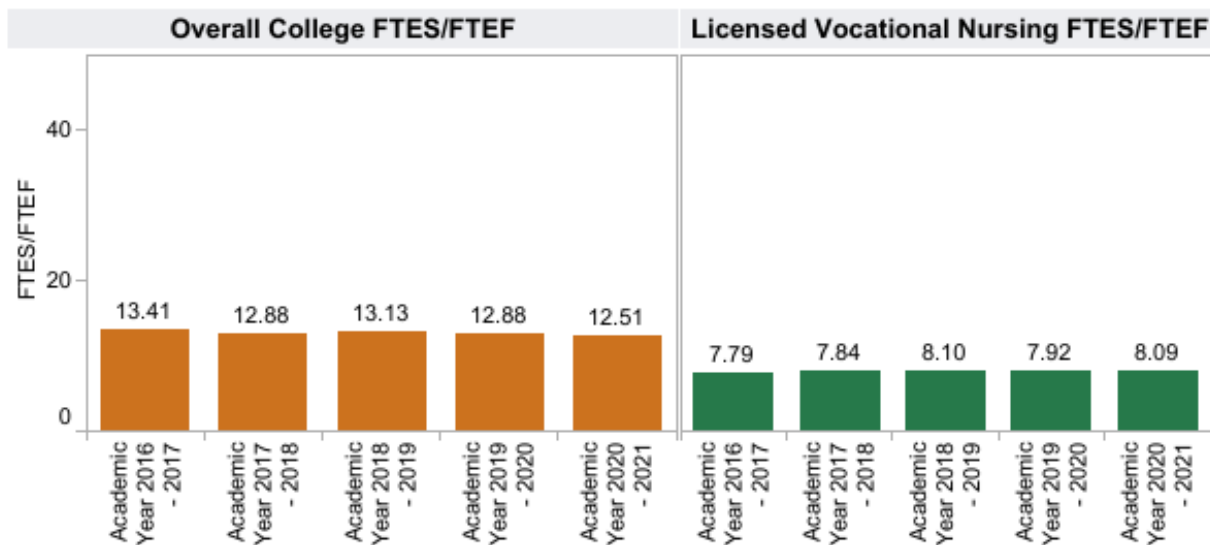
## SLOCCCD Program Review Data - Efficiency (FTES/FTEF)

**Department:**  
Licensed Vocational Nursing

**Course:**  
All

**Dual Enrollment:**  
All

**Prison:**  
All



The above chart reveals the efficiency for the LVN lecture and clinical patient care courses combined. Lecture courses are above college efficiency with one faculty member teaching to 30 students, but the clinical courses cause this percentage to fall below the college norm due to the required student/faculty ratio needed to provide supervision and safe patient care.

[Student Success—Course Completion by Modality](#)



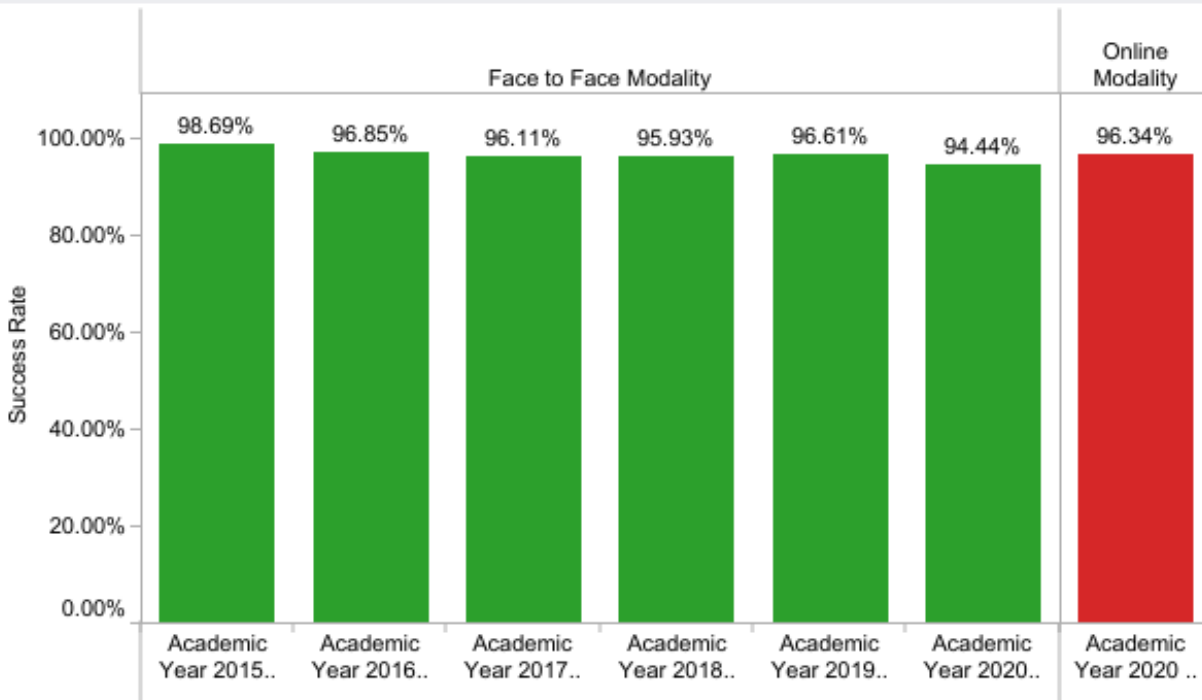
## SLOCCCD Program Review Data: Successful Course Completion

Select Department:  
Licensed Vocational Nursing

Course:  
All

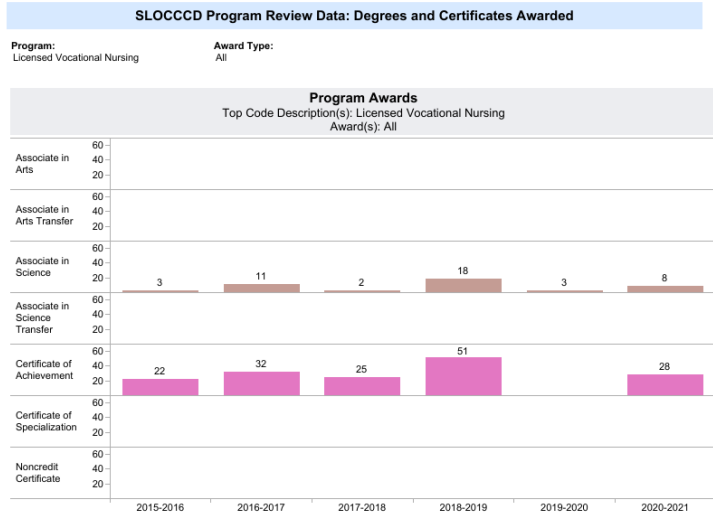
Legend:  
■ Face to Face Modality  
■ Online Modality

Successful Course Completion by Modality -Licensed Vocational Nursing



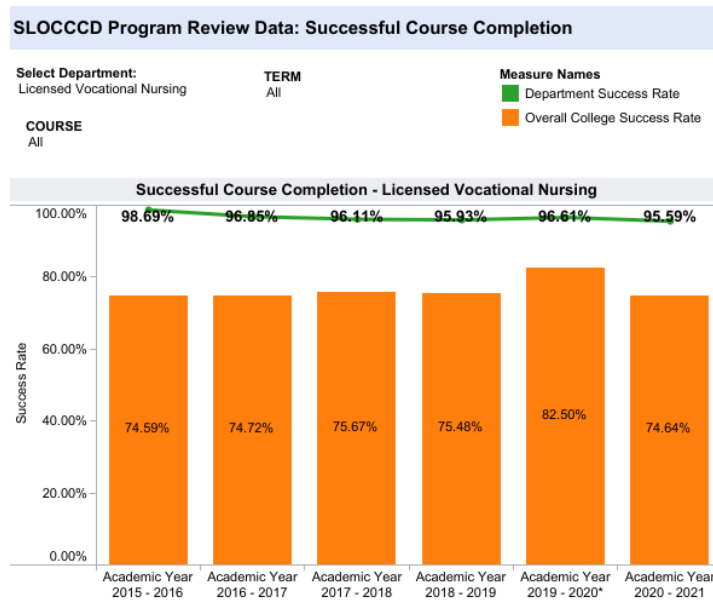
The LVN courses are face-to-face, with the exception of pandemic-induced online courses. This chart reflects the successful completion of all required courses in the three semesters of the LVN program. The LVN Program success rate over the past 5 years has been consistently higher than 95%. Course completion trends are consistent, with minimal change predicted. This consistent and continued successful course completion is a culmination of success factors in place including prerequisite courses and requirements, pre-class orientations, an aggressive retention policy, and the Kaplan NCLEX test-prep program. The added modality for online is reflective of our courses during the pandemic course that have been traditionally taught face to face in a hybrid modality.

### [Degrees and Certificates Awarded](#)



The above chart shows LVN Certificates and Degrees awarded. Each LVN student who completes the program earns a certificate. Those who choose to take additional general education coursework may earn an Associate Degree. The LVN Associate Degree in Science was offered for the first time Fall 2016.

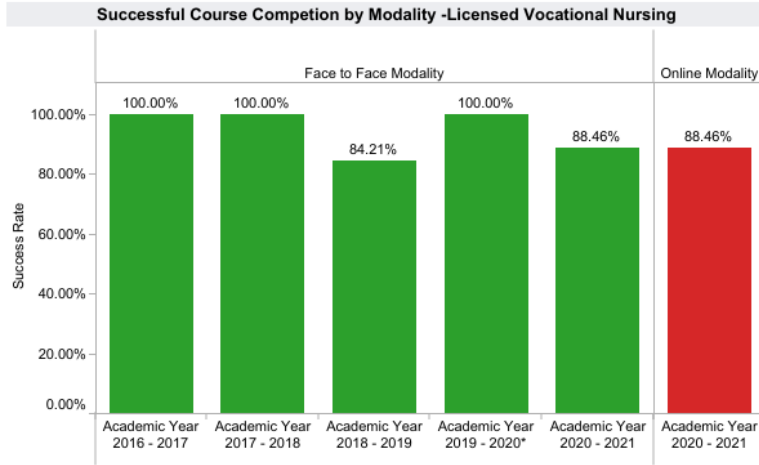
[General Student Success – Course Completion](#)



The LVN program consistently produces high student success rates, as noted on the green bar in the above chart. These successful completion rates exceed percentages from other college courses which are noted in orange in the chart above.

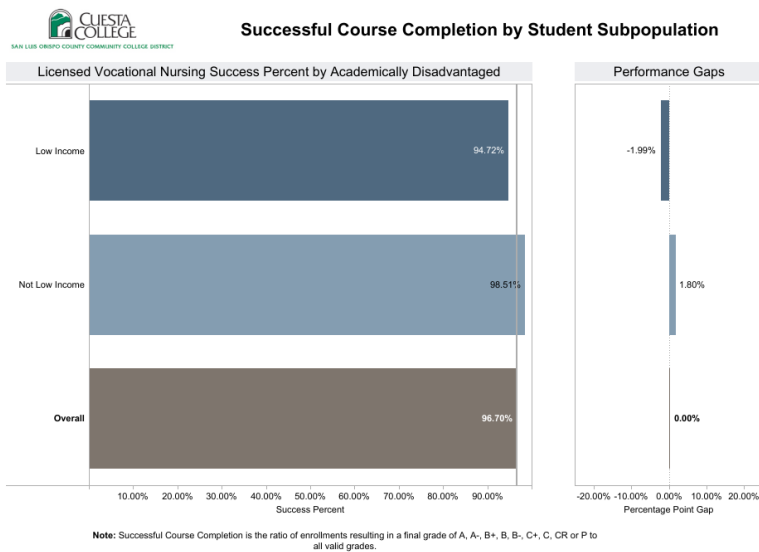
**SLOCCD Program Review Data: Successful Course Completion**

**Select Department:** Licensed Vocational Nursing  
**Course:** Multiple values  
**Legend:**  
■ Face to Face Modality  
■ Online Modality



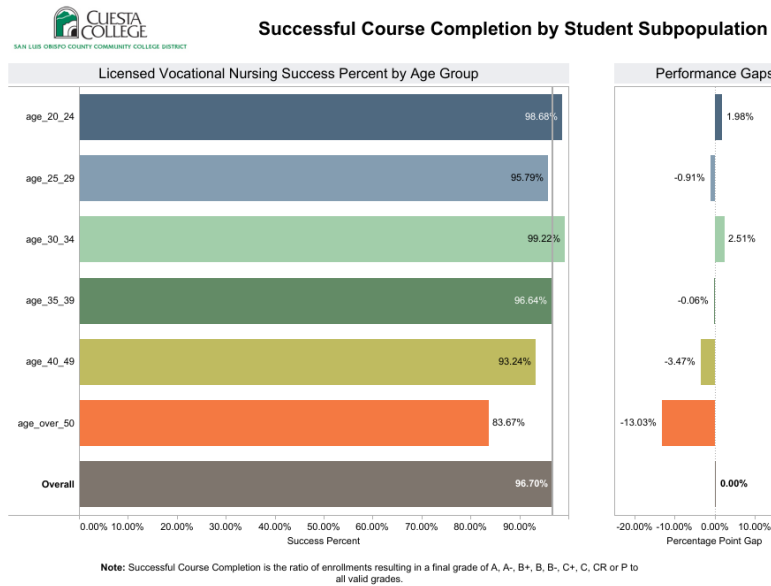
**Certification of Specialization, Intravenous Therapy, Blood Administration and Phlebotomy for Licensed Vocational Nurses.** The chart above shows the number of students who complete the LVN 104 and 104L course that is designed to allow the practicing Licensed Vocational Nurse authority to initiate intravenous therapy, phlebotomy, and blood product transfusion. Students may not enroll in this program until they have completed a full LVN curriculum.

Review the [Disaggregated Student Success -Academically Disadvantaged](#)



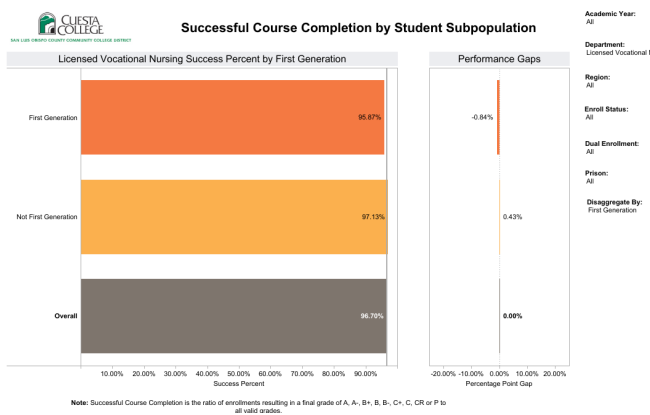
The above chart shows the successful completion percentage of courses in the LVN program by academically disadvantaged subpopulation. Overall completion is 94.72% for low income students, 98.51% for non-low income, and 96.70% overall.

Disaggregated Student Success – Age



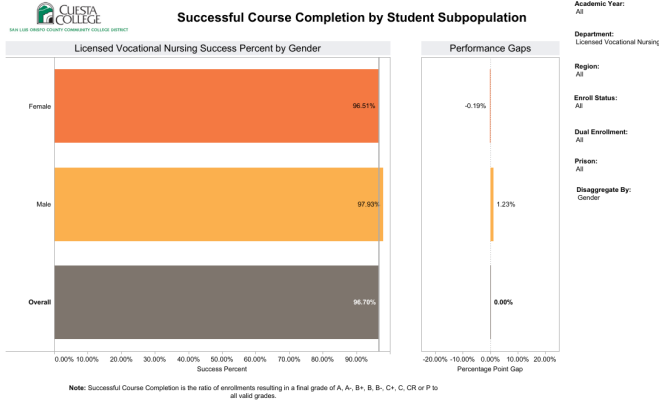
The above chart reveals the successful completion percentage of courses in the LVN program by age. Successful completion exceeds 96.70% except for the over 50 age population at 83.67% which is an improvement from last report of 78%. Our success strategies have been effective to increase program success for this age group, however they will be address for improved success in the future.

Disaggregated Student Success – First Generation to Attend College



First generation college students successfully completing the LVN program is very high at 95.87%.

Disaggregated Student Success – Gender



Licensed Vocational Nursing Success based on gender college students successfully completing the LVN program is very high at 96.51% for females and 97.93% for males.

### OTHER RELEVANT PROGRAM DATA:

Impressive 1<sup>st</sup> time testing NCLEX-PN licensure pass rates:

Class Completion Year	Cuesta College 1 <sup>st</sup> time NCLEX Pass Rates	California State Pass Rate
2012	96% (BVNPT website 84%)	
2013	96% (BVNPT website 92%)	
2014	96% (BVNPT website 96%)	
2015	91% (BVNPT website 90%)	69%
2016	70% (BVNPT website 67%)	72.30%
2017	95% with 6 still to test	71%
2018	96% (BVNPT website 96%)	79%
2019	100% !!!	78.91%
2020	100% (still verifying)	82%

### 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.
- Program Sustainability Plan progress report completed (if applicable).

**PROGRAM PLANNING / FORECASTING FOR THE NEXT ACADEMIC YEAR**

Program plans for the upcoming academic year are explained below.

A. New or modified plans for achieving program-learning outcomes

- Continued professional development for faculty to remain current in educational trends for nursing assistants.
- Update equipment to meet what is utilized in skilled nursing facilities and replace worn or broken equipment.
- An additional simulation manikin is being purchased with donor foundation funds to allow faculty to present multiple patient care and time management scenarios.
- The program will undergo BVNPT renewal again in Fall 2024.

B. Anticipated changes in curriculum, scheduling or delivery modality

- Program and curriculum changes are in process with a plan for updated curriculum for the program.
- Additional clinical sites have been secured including Dignity Health hospitals and Community Health Clinics of the Central Coast (CHC) that will allow increased pediatric, women's health, mental health, and primary care clinical experiences.

C. Levels, delivery or types of services

Continue to collaborate with the following departments to best serve the LVN students:

- Career Connections
- Student Services
- DSPS
- Counseling
- Research
- Foundation
- Public Safety
- Community healthcare and clinical facilities

D. Facilities changes

- Adaptions to simulation lab to accommodate 2<sup>nd</sup> manikin and hospital bed suite that will allow for multiple patient care scenarios.
- Additional classroom space. N2407 is truly not large enough room to accommodate both lecture and skills lab activity for 30 students. Increased table/desk surface is needed for students to work and access their text books, lap tops, safely stow supplies and books they bring into the lab each classroom day. Increased skills lab space is needed for hospital beds, suites, equipment and supplies.
  - This should be a dedicated skills lab that can accommodate 30 students with 5 – 6 bed suites to meet BVNPT recommendations.

E. Staffing projections

- An LVN program director of the program is needed to replace the retirement of long-time director Marcia Scott.
- The program is functioning with additional part-time faculty due to a failed full-time recruitment one year ago following the retirement of full-time faculty member Karen Wilson. A full-time recruitment is currently underway.
- Faculty will all need to become simulation certified or trained by a certified faculty in order to offer and participate in simulation.
- The LVN/CNA program would benefit and thrive with a director who is assigned to the NCC as their main campus and would be able to have daily oversight and participation with these programs.
- A simulation coordinator is needed. The simulation coordinator retired at least 5 years ago, has not been replaced, and simulation is lacking because of this void.
- Part-time clinical staff sufficient to meet needs of smaller clinical groups during the COVID pandemic to meet facility required lower student numbers.

**NOT APPLICABLE - PROGRAM SUSTAINABILITY PLAN PROGRESS REPORT**