

CTE Update

PALO VERDE COLLEGE

NURSING REPORTING FALL 2016 TO SPRING 2018

1. PURPOSE OF THE PROGRAM

- a. Describe the program, its mission, and target population.

The Purpose of the courses and programs included under the umbrella of the Department of Nursing and Allied Health is to prepare students to meet the needs of individuals, including themselves, within an ever-changing society. The various courses provide students with basic instruction, skills training, professional development opportunities, and knowledge to begin or continue their careers in the continually expanding healthcare field. The programs continue to promote creativity, accountability, self-confidence and development as a total person. The individual courses educate the students to assist individuals and themselves to maintain an optimum level of health throughout the span of a lifetime. The programs also continue to provide the skills and knowledge needed to provide holistic care.

The students are required to maintain excellence through, study, research, continuing education classes, individual accountability; and commitment to give quality care. The programs prepare some of the students to sit for National and or State certification examinations. The expected outcome is that all students will be competent in all skills and have the knowledge base to enter the workforce as successful, productive citizens.

A secondary expectation is that students comprehend, in this age of ever-changing technologies and media bombardment of choices, it is imperative they keep current. They must understand it is their responsibility to keep themselves healthy; be able to participate in their healthcare choices and decisions; and to instruct anyone in their care in these same matters

- b. How has the program changed in the last two years? In major ways, minor, or no real changes to speak of? Explain.

The Nursing Department has undergone a major change in the last two years. In December 2014, the Nursing Department was surveyed by the State Board of Nursing. During that visit, many deficiencies were discovered, leading to the following changes:

1. Development of a conceptual framework
2. Development of a new instructional plan to meet the BVNPT standards.

3. Development of an appropriate evaluation system for classroom curriculum instruction and clinical instruction. New forms and new documentation system was instated.
4. At the time of the survey, there was no Director of Record for the Department of Nursing and Allied Health. That was notated in the deficiency and Dr. Virginia Armstrong was hired to meet that requirement.
5. Although faculty and department meetings were being held, notation of such meetings were inadequately prepared. As a result, formalized meeting times and a documentation process was instituted.
6. Daily teaching plans were updated and implemented to use alongside the instruction plan. All faculty have both the instruction plan and the daily plans with them daily.
7. New grading policy for the department which included minimum passing score of 75% was instituted.
8. The minimum pass rate had fallen below the 10% threshold that the state allows, with the above deficiencies corrected, the passing score on National Testing has increased dramatically. It is now at 90%

2. DEMAND FOR THE PROGRAM

Is the demand high, adequate demand for our students, or low demand? Support your answer with labor market data, advisory input, etc.

Shortages across the board in the Healthcare Industry still indicates a huge demand for healthcare workers in all disciplines.

Occupational Employment Projections Riverside -San Bernardino Counties 2012-2022

SOC Code	2017 Employment	Projected future employment	Percent change	Median Annual Salary
29-2041 Emergency Medical Technician	2622	3022	16%	\$30,700
29-2061 Vocational Nurses	8265	10,417	24.9%	\$46,104
31-1014 Certified Nursing Assistants	9408	11,288	20.6%	\$26,330
31-9097 Phlebotomists	1309	1669	28.1%	\$35,026

Occupations with the most job openings Riverside-San Bernardino Counties

SOC Code	Total Job Openings 2012-2022	Median Hourly	Median Annually
31-104 Certified Nursing Assistant	3280	\$13.00	\$28,000
29-2061 Vocational Nurses	2990	\$24.00	\$46,000

Statistics continue to show that both, Certified Nursing Assistants and Licensed Vocational Nurses continue to be in the Top 50 jobs in Riverside-San Bernardino Counties. Healthcare needs of the public do not go away unfortunately, therefore the need for healthcare professionals will continue to exist.

3. QUALITY OF THIS PROGRAM

What is the quality of this program? Is it of the highest quality, adequately meeting student needs, or needing significant improvement? List core indicators, student learning outcomes, partnerships, certificates, degrees, articulation, faculty qualifications, diversity, grants, and equipment as evidence to support your answer.

The Nursing and Allied Health Programs continue to see a high flow of students majoring in Nursing, attending Palo Verde College. The Vocational Nursing Program accepts 15 students every three semesters and the Certified Nursing Assistant Program allows up to 30 per semester. To take the CNA course students need no pre-requisites and upon successful completion can take the NATAP competency test (Nurse Assistant Training and Assessment Program). If successful, they can immediately begin employment as a Certified Nursing Assistant. During 2016-2018, students are passing this exam at an approximate 88% success rate. The Vocational Nursing pass rate during this period of time was 90%.

The phlebotomy certificate has one of the highest enrollments for courses in the department. Certificates actually awarded are low however, as students fail to complete the second semester of the program. This is due to many factors including, moving, clinical hours not complete, inability to obtain background clearances, health issues or just not desiring to complete the required hours for various personal reasons. Students who complete both sections are awarded a certificate and can take state test. Palo Verde Students have a 79% pass rate. The demand for phlebotomists remains high and, our program offers many advantages to individuals wanting a career in phlebotomy. Students from the surrounding areas of Brawley, El Centro, Indio and Palm Desert have enrolled and completed our program.

Palo Verde College will continue to offer classes that will serve the needs of our community. All courses are discussed with our local healthcare agencies through our Health Advisory Committee with feed back to the department by the Associate Dean of Nursing.

The Nursing and Allied Health Department partners with Palo Verde Hospital, Blythe Post Acute, La Paz Regional Medical Center, and John F Kennedy Hospital. The quality of our program is indicated by the successful partnerships with these clinical facilities. Many VN programs within the state struggle to find adequate training facilities for their students.

A \$100,000, state of the art simulation mannequin, was purchased so alternate clinical training opportunities can be available to our students. It is expected that this mannequin will be in use in 2019.

4. EXTERNAL ISSUES

Cite relevant legislation, Chancellor’s Office mandates, VTEA, Tech Prep, CalWORKs, WIA, BIG career ladders, etc. that are contributing positive or negative factors for the program. Explain each mitigating factor and the impact on the program.

1. Although we are fortunate to have an adequate selection of clinical sites for our students, there is still more facilities needed to ensure our students are receiving the highest level of training available. Competition for these sites may be problematic in the future.
2. Cost of programs are continually increasing, and students are having a harder time paying for their education. The clinical facilities are continually increasing their requirements for drug testing and background checks, passing on those cost to the department.
3. Travel and gas continue to be cost prohibitive for both faculty and students.
4. THE BVNPT continues to be an external issue as we continue to meet the demands of compliance which at this point has been done very effectively and competently
5. VTEA is a huge support financially for the department. VTEA funding supporting faculty training and purchasing of student learning equipment has greatly assisted the department. It is anticipated that VTEA funding will continue into the future.

5. REVENUE AND EXPENSES

- a. State the revenue of the program (using FTE data, grants, and anything else) for the preceding two academic years.

Year	Term	Subject	FTEs	Rate	Revenue
2016	2016FA	NSC	10.64	2095.00	\$22,290.80
2016	2016FA	NUR	31.20	2095.00	\$65,364.00
2016	2017SP	NSC	7.67	2095.00	\$16,068.65
2016	2017SP	NUR	21.65	2095.00	\$45,356.75
2017	2017FA	NSC	8.16	2095.00	\$17,095.20
2017	2017FA	NUR	28.10	2095.00	\$58,869.50
2017	2018SP	NSC	6.67	2165.73	\$14,445.42
2017	2018SP	NUR	20.77	2165.73	\$44,982.21

- b. State the expenses of the program (salaries, equipment purchases, contracts, and supplies) for the preceding two academic years.

	Budgeted	Expended
2016-2017		
Benefits	\$139,802.17	\$139,802.17
Books/Mags/Instruct	-\$14,859.53	-\$14,859.53
Conferences	\$11,038.57	\$10,866.10
Contracts	\$19,200.00	\$19,200.00
Copying/Printing	\$527.68	\$527.68
Equipment	\$2,300.00	\$170,373.96
Fingerprints	\$1,351.25	\$1,351.25
Food	\$149.87	\$149.87
Graduation	\$333.26	\$333.26
Insurance	\$1,344.00	\$1,344.00
Overload Benefits	\$2,689.39	\$2,689.39
Overload Salaries	\$17,016.58	\$17,016.58
Postage	\$261.28	\$261.28
Salaries	\$413,682.87	\$413,682.87
Services	\$51.00	\$51.00
Supplies	\$5,305.39	\$2,944.52
Travel	\$5,402.68	\$5,402.68
2017-2018		
Advertising	\$0.00	\$208.12
Benefits	\$107,172.94	\$113,835.04
Books/Mags/Instruct	\$3,148.00	\$360.00
Conferences	\$13,641.00	\$2,993.85
Contracts	\$22,274.82	\$27,514.25
Copying/Printing	\$505.00	\$287.29
Equipment	\$2,300.00	\$71,807.38
Fingerprints	\$4,000.00	\$3,026.80
Food	\$300.00	\$300.00
Graduation	\$1,000.00	\$602.91
Insurance	\$1,430.00	-\$728.00
Overload Benefits	\$0.00	\$2,952.69
Overload Salaries	\$0.00	\$16,814.34
Postage	\$300.00	\$290.52
Rents And Leases	\$400.00	\$0.00
Salaries	\$347,783.24	\$324,578.28
Services	\$490.00	\$52.00
Supplies	\$10,931.00	\$9,197.94
Travel	\$4,000.00	\$2,808.83

- c. State the dollar value of in-kind contributions of time and/or resources the preceding two academic years.

N/A

6. TWO YEAR PLAN

List recommendations, project future trends, personnel and equipment need, as well as continuing and new goals. Describe activities to achieve these goals, timelines to complete these goals, and measures for evaluating success in achieving them.

The Nursing and Allied Health Program at Palo Verde College is under great change. The plan at this point and in the future will center around BVNPT compliance. This is done through ongoing communication with the BVNPT consultant, via the Associate Dean of Nursing.

Implementation of Simulation Lab. This will be done by obtaining adequate training for all faculty in mannequin usage, obtaining a student worker to become a lab assistant in the simulation lab and obtaining approval from the BVNPT to use the lab.

Maintain compliance with regulatory codes.

Continue to improve pass rates on state testing (BVNPT). This will be done with higher grading standards, and implementation of the Kaplan Learning System.

Current staffing levels are expected to be adequate to meet the need of the next two years. Currently there is adequate classroom space to achieve all of the set goals and standards required by the Board of Vocational Nurses and Palo Verde College.

7. COMPLETION, RETENTION, AND ENROLLMENT DATA

Below please find a chart with successful completion numbers from the department. Of note is NSC 132. This course is Phlebotomy Clinical Experience. As stated in earlier comments, this course is not completed by the students due to many factors out of the control of the instructor or institution. Students fail to complete required hours due to numerous reasons, mostly personal. This is a self-paced course dependent upon availability of hours at Palo Verde Hospital.

STUDENT SUCCESSFUL COMPLETION & RETENTION

*Note: the Program Review Committee will research the required completion and retention data and provide it to program faculty members for their review and analysis for this report. **Completion** is defined as number of grades of A,B,C,CR divided by A,B,C,D,F,CR,NC,W,MW, IP. **Retention** is defined as number of grades of A,B,C,D,F,CR,NC, MW, IP divided by A,B,C,D,F,CR,NC,W,MW, IP*

Year	2016
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Completion	2016FA	2017SP
EMS-080	-	-
EMS-105	100%	100%
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	57%	53%

Year	2016
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Completion	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	100%	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	50%	68%	-

NSC-130	75%	63%
NSC-132	-	42%
NUR-100	84%	81%
NUR-102	88%	60%
NUR-103	-	-
NUR-106	91%	-
NUR-109	91%	-
NUR-112	-	100%
NUR-117	-	-
NUR-118	88%	89%
NUR-120	-	-
NUR-121	-	-
NUR-124	91%	-
NUR-127	-	100%
NUR-151	-	-
NUR-250	-	-

NSC-130	-	69%	-
NSC-132	-	36%	-
NUR-100	-	83%	-
NUR-102	-	72%	-
NUR-103	-	-	-
NUR-106	-	91%	-
NUR-109	-	91%	-
NUR-112	-	100%	-
NUR-117	-	-	-
NUR-118	-	89%	-
NUR-120	-	-	-
NUR-121	-	-	-
NUR-124	-	91%	-
NUR-127	-	100%	-
NUR-151	-	-	-
NUR-250	-	-	-

Year	2016
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Completion		
	2016FA	2017SP
EMS-080	-	-
EMS-105	100%	100%
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	57%	53%
NSC-130	75%	63%
NSC-132	-	42%
NUR-100	84%	81%
NUR-102	88%	60%
NUR-103	-	-
NUR-106	91%	-
NUR-109	91%	-
NUR-112	-	100%
NUR-117	-	-
NUR-118	88%	89%
NUR-120	-	-
NUR-121	-	-
NUR-124	91%	-
NUR-127	-	100%
NUR-151	-	-
NUR-250	-	-

Year	2016
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Completion			
	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	100%	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	50%	68%	-
NSC-130	-	69%	-
NSC-132	-	36%	-
NUR-100	-	83%	-
NUR-102	-	72%	-
NUR-103	-	-	-
NUR-106	-	91%	-
NUR-109	-	91%	-
NUR-112	-	100%	-
NUR-117	-	-	-
NUR-118	-	89%	-
NUR-120	-	-	-
NUR-121	-	-	-
NUR-124	-	91%	-
NUR-127	-	100%	-
NUR-151	-	-	-
NUR-250	-	-	-

Year	2016
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Retention	2016FA	2017SP
EMS-080	-	-
EMS-105	100%	100%
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	77%	75%
NSC-130	90%	94%
NSC-132	100%	75%
NUR-100	92%	90%
NUR-102	88%	100%
NUR-103	-	-
NUR-106	91%	-
NUR-109	91%	-
NUR-112	-	100%
NUR-117	-	-
NUR-118	92%	89%
NUR-120	-	-
NUR-121	-	-
NUR-124	91%	-
NUR-127	-	100%
NUR-151	-	-
NUR-250	-	-

Year	2016
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Retention	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	100%	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	76%	77%	-
NSC-130	-	92%	-
NSC-132	-	79%	-
NUR-100	-	91%	-
NUR-102	-	94%	-
NUR-103	-	-	-
NUR-106	-	91%	-
NUR-109	-	91%	-
NUR-112	-	100%	-
NUR-117	-	-	-
NUR-118	-	91%	-
NUR-120	-	-	-
NUR-121	-	-	-
NUR-124	-	91%	-
NUR-127	-	100%	-
NUR-151	-	-	-
NUR-250	-	-	-

Year	2016
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Retention	2016FA	2017SP
EMS-080	-	-
EMS-105	100%	100%
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	77%	75%
NSC-130	90%	94%
NSC-132	100%	75%
NUR-100	92%	90%
NUR-102	88%	100%
NUR-103	-	-
NUR-106	91%	-
NUR-109	91%	-
NUR-112	-	100%

Year	2016
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Retention	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	100%	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	76%	77%	-
NSC-130	-	92%	-
NSC-132	-	79%	-
NUR-100	-	91%	-
NUR-102	-	94%	-
NUR-103	-	-	-
NUR-106	-	91%	-
NUR-109	-	91%	-
NUR-112	-	100%	-

NUR-117	-	-
NUR-118	92%	89%
NUR-120	-	-
NUR-121	-	-
NUR-124	91%	-
NUR-127	-	100%
NUR-151	-	-
NUR-250	-	-

NUR-117	-	-	-
NUR-118	-	91%	-
NUR-120	-	-	-
NUR-121	-	-	-
NUR-124	-	91%	-
NUR-127	-	100%	-
NUR-151	-	-	-
NUR-250	-	-	-

ANNUAL AWARDS

Name of Award	2016-17	2017-18
Vocational Nursing Certificate of Achievement	11	-
Certified Nursing Assistant Certificate of Career Prep	36	29
Emergency Medical Tech Cert of Career Preparation	7	-
Phlebotomy Certificate of Career Preparation	5	9

ENROLLMENT TRENDS

Year	2016
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Enrollment		
	2016FA	2017SP
EMS-080	-	-
EMS-105	31	77
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	61	40
NSC-130	20	16
NSC-132	2	12
NUR-100	25	21
NUR-102	8	10
NUR-103	-	-
NUR-106	11	-
NUR-109	11	-
NUR-112	-	10
NUR-117	-	-
NUR-118	25	19
NUR-120	-	-
NUR-121	-	-

Year	2016
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Enrollment			
	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	108	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	70	31	-
NSC-130	-	36	-
NSC-132	-	14	-
NUR-100	-	46	-
NUR-102	-	18	-
NUR-103	-	-	-
NUR-106	-	11	-
NUR-109	-	11	-
NUR-112	-	10	-
NUR-117	-	-	-
NUR-118	-	44	-
NUR-120	-	-	-
NUR-121	-	-	-

NUR-124	11	-
NUR-127	-	10
NUR-151	-	-
NUR-250	-	-

NUR-124	-	11	-
NUR-127	-	10	-
NUR-151	-	-	-
NUR-250	-	-	-

Year	2016
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Year	2016
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Enrollment		
	2016FA	2017SP
EMS-080	-	-
EMS-105	31	77
EMS-110	-	-
EMS-160	-	-
EMS-161	-	-
EMS-162	-	-
NSC-128	61	40
NSC-130	20	16
NSC-132	2	12
NUR-100	25	21
NUR-102	8	10
NUR-103	-	-
NUR-106	11	-
NUR-109	11	-
NUR-112	-	10
NUR-117	-	-
NUR-118	25	19
NUR-120	-	-
NUR-121	-	-
NUR-124	11	-
NUR-127	-	10
NUR-151	-	-
NUR-250	-	-

Enrollment			
	Correspondence	Face to Face	Online
EMS-080	-	-	-
EMS-105	-	108	-
EMS-110	-	-	-
EMS-160	-	-	-
EMS-161	-	-	-
EMS-162	-	-	-
NSC-128	70	31	-
NSC-130	-	36	-
NSC-132	-	14	-
NUR-100	-	46	-
NUR-102	-	18	-
NUR-103	-	-	-
NUR-106	-	11	-
NUR-109	-	11	-
NUR-112	-	10	-
NUR-117	-	-	-
NUR-118	-	44	-
NUR-120	-	-	-
NUR-121	-	-	-
NUR-124	-	11	-
NUR-127	-	10	-
NUR-151	-	-	-
NUR-250	-	-	-