NURSING AND ALLIED HEALTH DEPARTMENT

PROGRAM REVIEW 12-13

For the Period of Fall 2010 through Spring 2012

PALO VERDE COLLEGE
ONE COLLEGE DRIVE
BLYTHE, CA 92225

EXECUTIVE SUMMARY

Nursing and Allied Health

The Program Review Committee met and reviewed the Nursing and Allied Health two-year update on May 7, 2013.

We have accepted the report, with the following findings:

- The purpose of the program has not changed, namely, to provide students in the Allied Health career with adequate skills in Allied Health careers.
- Data shows that Allied health fields continue to be high demand career opportunities.
- The program meets student needs and allows for transfer to advance degrees in Allied Health.
- Program faculty is searching out new clinical sites to meet changing health job opportunities.
- Income does not cover expenditures. However, PVC Allied Health expenditures are comparable to expenditures of other California Community college Allied Health programs. Moreover, Allied Health students contribute to enrollment in academic areas at PVC.
- Reinstate Fast Track Nursing program, and use computer programs for testing and remediation.

PART 1: PURPOSE OF THIS PROGRAM

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 education, 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 of the 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.

PART 2: DEMAND FOR THIS PROGRAM

Projections of Employment by Occupation, 2010 - 2020

Occupations Matched to Top Code(s):

1230.30 Certified Nursing Assistant
1230.20 Licensed Vocational Nurse
1250.00 Emergency Medical Services
1205.10 Phlebotomy

Geography: Riverside-San Bernardino-Ontario MSA
Counties: Riverside County, San Bernardino County

Annual Job Openings by Occupation

SOC Code	Occupation Title (Link to Occupation Profile)	2010-2020 Employment	Annual Job Openings[1]
29-2061	Licensed Vocational Nurse	7,960	308
29-2041	Emergency Medical Technicians and Paramedics	2,160	114

[2]Unable to obtain CNA and Phlebotomy employment data.

PART 3: QUALITY OF THIS PROGRAM

COMPLETIONS 2010-2011		
Certificate/Degree	**Title**	**Completed**
Certificate	Certified Nursing Assistant	42
Certificate	Vocational Nurse	19
Certificate	Phlebotomy Technician I	10
Certificate	Emergency Medical Technician	18

COMPLETIONS 2011- 2012		
Certificate/Degree	**Title**	**Completed**
Certificate	Certified Nursing Assistant	41
Certificate	Vocational Nurse	12
Certificate	Phlebotomy Technician I	7
Certificate	Emergency Medical Technician	17

- **The completions reflect the students who have completed the Nursing & Allied Health Programs and are eligible for state licensure**

PART 4: EXTERNAL ISSUES

Challenges in this area include:

The availability of clinical sites for students continues to be challenging. Our programs continue to compete with other nursing programs for sites where students can gain clinical experience. In an effort to alleviate the problem some of the clinical time is done in the evening hours. We have submitted additional clinical sites to the Board of Vocational Nursing and Psychiatric Technicians and are pending approval by the Board.

The costs of gas, hotel accommodations and the overall changes in the economic environment have increased travel expenses for students and faculty.

Lack of available funds from the college and new financial requirements have affected student ability to purchase textbooks.

- Students are currently having multiple background checks, increased requests for immunizations, flu shots and additional requirements for clinical sites. The increased costs also have an impact on whether or not a student enrolls in our programs due to the financial impact.

PART 5: COST OF THIS PROGRAM

	SUMMER 2010		
Course Code	**Course Title**	**Credit**	**Enrollment**
NUR 145 01	Fast Track VN clinical Focus	5	7

	FALL 2010		
Course Code	**Course Title**	**Credit**	**Enrollment**
NUR 100 01	Certified Nursing Assistant-Lecture	3	28
NUR 102 01	Intro to Anatomy & Physiology for Allied Health	3	18
NUR 112 01	Med Surg Nur II	6	12
NUR 114 01	Understanding Human Growth & Behavior	4.5	6
NUR 115 01	Pharmacology for Fast Tack VN's	3	15
NUR 116 01	Fast Track LVN Fund	9.5	15
NUR 117 01	Nutrition for Nursing	1.5	26
NUR 118 01	Certified Nursing Assistant-Clinical	3	13
NUR 118 02	Certified Nursing Assistant- Clinical	3	12
NUR 124 01	Medical-Surgical Nursing I Clinical	5	12
NUR 141 01	Fast Track VN Fundamentals-Clinical	6	15
HEA 128 01	Medical Terminology	3	26
HEA 130 01	CPT 1 Lecture	3	21
HEA 160 01	Emergency Medical Technician	3	21
HEA 160 02	Emergency Medical Technician	3	12

	SPRING 2011		
Course Code	**Course Title**	**Credit**	**Enrollment**
NUR 100 01	Certified Nursing Assistant-Lecture	3	24
NUR 102 01	Intro to Anatomy & Physiology for Allied Health	3	18
NUR 103 01	Intro to Pharmacology	1.5	14
NUR 118 01	Certified Nursing Assistant-Clinical	3	15
NUR 118 02	Certified Nursing Assistant-Clinical	3	9
NUR 120 01	Fund Nurse Lecture	7	14
NUR 121 01	Fund Nurse- Clinical	6	14
NUR 143 01	Fast Track Lecture	12	14
NUR 144 01	Fast Track Clinical	8	14
HEA 128 01	Medical Terminology	3	25
HEA 132 02	CPT-1 Practical Experience	1	17
HEA 160 02	Emergency Medical Technician	3	11
	SUMMER 2011		
NUR 145 01	Fast Track VN Clinical Focus	5	7

	FALL 2011		
Course Code	**Course Title**	**Credit**	**Enrollment**
NUR 100 01	Certified Nursing Assistant-Lecture	3	30
NUR 102 01	Intro to Anatomy & Physiology for Allied Health	3	8
NUR 109 01	Medical-Surgical Nursing I Lecture	6	15
NUR 117 01	Nutrition for Nursing	1.5	16
NUR 117 02	Nutrition for Nursing	1.5	17
NUR 118 01	Certified Nursing Assistant-Clinical	3	14
NUR 118 02	Certified Nursing Assistant – Clinical	3	15
NUR 124 01	Medical-Surgical Nursing I Clinical	5	15
NUR 250 01	IV Therapy	2	12
HEA 128 01	Medical Terminology	3	17
HEA 130 01	CPT 1 Lecture	3	17
HEA 160 01	Emergency Medical Technician	3	21
HEA 160 02	Emergency Medical Technician	3	12

	SPRING 2012		
Nurse Code	**Course Title**	**Credit**	**Enrollment**
NUR 100 01	Certified Nursing Assistant-Lecture	3	22
NUR 102 01	Intro to Anatomy & Physiology for Allied Health	3	15
NUR 112 01	Medical-Surgical Nursing II-Lecture	6	15
NUR 117 01	Nutrition for Nursing	1.5	5
NUR 118 01	Certified Nursing Assistant-Clinical	3	11
NUR 118 02	Certified Nursing Assistant-Clinical	3	12
NUR 127 01	Medical-Surgical Nursing II Clinical	7	15
HEA 128 01	Medical Terminology	3	20
HEA 130 01	CPT 1 Lecture	3	17
HEA 132 01	CPT I Practical	1	12

2010-2011	**Salaries**	**Benefits**	**Supplies**	**Contracts**	**Capital**	**Total**	**FTEs**
NUR 12	$331,723.85	$106,962.04	$17,979.11	$47,192.04 $ -		$503,613.35	43.5
Health	$131,739.171 -	$ 34,903.15 -				$166,642.32	12
2011-2012	**Salaries**	**Benefits**	**Supplies**	**Contracts**	**Capital**	**Total**	**FTEs**
NUR 12	$285,164.98	$104,397.86	$8,361.09	$13,4459.09 $ -	$ -	$411, 383.02	32.5
Health	$ 51,970.32 -	$ 13,326.25 -	$ 12.95			$65,309.52	11

- **Salary changes reflect the loss of 1 FT faculty. The changes in classes offered decreased salaries cost to the department. The Health Salary is difficult factor due to changes from each semester and how the faculty member was listed at time of hire.**

- Supplies include VTEA, Lottery and COD grant

PART 6: TWO-YEAR PLAN

GENERAL USE of FACILITIES

The space for faculty is quite adequate at this time. The problem lies with classroom and lab space. The CNA, CPT-1, EMT and the VN program as well as the IV classes all require lab time. Classes are offered in the evening and Saturday to alleviate part of the problem, but the CNA and VN program have large blocks of lecture and lab times required for their program requirements. The need for room and space to accommodate our students and programs create scheduling conflicts in the laboratory classroom.

There is one dedicated lab and no dedicated classroom for the Allied Health Programs. With creative scheduling this is barely adequate for the time being, but again it does not allow for the growth of the program.

A second lab space would be very helpful. However, in order to allow for growth two dedicated labs and dedicated classroom space will be required for the future.

In addition, it does not allow for students to have lab time in which to practice or remediate if needed. The recommendation of a part time lab personnel who could work with students and also allow additional laboratory times would alleviate some of the difficulties.

EQUIPMENT:

- The trend to increased training required by the industry regulatory agencies for EMT and VN students require changes in equipment needs. Mannequins for skills and training are needed for EMT, VN and CPT programs and require updating our equipment. The nursing faculty needs to receive education and training in new equipment being utilized in the health field.
- Equipment for students use, such as safety needles, blood collection tubes, sharps containers, gloves, etc need to be replenished yearly. We currently have students purchase some supplies used in the classroom to decrease the cost of supplies to the Allied Health department.
- The future trend in the health field is computerized documentation and paperless systems as mandated by the regulatory agencies. This trend will necessitate students having computer skills and may require a computer class for nursing students.

PERSONNEL:

- The recommendation as noted previously is to have part time lab personnel who could provide additional laboratory hours for students to utilize the lab and equipment as needed.

TRENDS:

CNA

- The healthcare field continues to be a popular choice for career development. The CNA program is our beginning course and prerequisite for our traditional VN program.. The CNA program has decreasing enrollment numbers over the past two years due to the fact that there have been financial aid changes in the reimbursement of CNA students. Students no longer receive financial aid for the CNA program which costs approximately $ 675.00. We feel that with decreasing CNA enrollments, the impact may be felt in our Traditional VN program.

- The loss of the Home Health Aide Program has also decreased FTES

Vocational Nursing

- The NCLEX pass rates for quarters 1-4 2010 pass rate 79%, Quarters 1-4 2011 pass rate 42% and quarters 1-2 of 2012 – 57%
- Due to the decrease in NCLEX pass rates, faculty has instituted remediation plans and increased computer testing for students to assist them in the learning process.
- ATI is a testing and learning program which has been purchased by VTEA Funds in the past for the VN students. The cost for 3 semesters is approximately $400.00 dollars per students. The ATI program will no longer be purchased by VTEA funds. We have incorporated ATI into our curriculum to improve our NCLEX scores. We feel the cost is prohibitive to the students to purchase themselves and will probably necessitate assistance from the college or a revision in our curriculum plan.
- Electronic Medical Records Documentation is now being mandated in all facilities by the Federal Government. DocuCare (an electronic medical record documentation program) was obtained for a 6 months preview by VETA funds.

Phlebotomy

- Enrollment in the phlebotomy class has continued to be a popular choice for students. Due to the popularity of the course we have been offering CPT-1 both Spring and Fall Semesters.

EMT

- There have been challenges in finding and retaining qualified instructors for this program
- The enrollment continues to be adequate when the class is offered.
- Overall trend is that there have been changes with clinical agreements with the State of Arizona/Mojave/Needles have greatly affected our Needles enrollment and decreasing the Arizona students due to the increased financial costs

Goals for the Nursing and Allied Health Faculty

1) Reinstate the Fast Track Nursing Program
2) Recommend hiring a PT faculty member to serve as lab personnel to assist students with additional laboratory times and remediation.
3) Meet with Advisory Committees both in Blythe and Parker and work towards implementing their recommendations for improving our courses
4.) Use SLO results to improve delivery of our programs
5) Continue to offer courses by ITV to Needles and to offer correspondence classes if possible
6) Continue to promote our programs by meeting with high school students and attendance at City of Blythe events representing our department.
7) Use ATI program for computer testing and remediation to assist VN students to improve NCLEX scores
8) Contract with additional clinical sites for optional clinical rotations for both VN and Phlebotomy students.