

IMPERIAL COMMUNITY COLLEGE DISTRICT
REVIEW OF CAREER TECHNICAL EDUCATION TRAINING PROGRAMS
2016

LICENSED VOCATIONAL NURSING

I. Program Description

The Vocational Nursing certificate is designed to provide the education necessary for licensure eligibility and practice as a Licensed Vocational Nurse (LVN).

A. Degree

Associate in Science, Vocational Nursing

B. Certificate

Certificated of Achievement, Vocational Nursing

II. Career Opportunities

Licensed Practical and Licensed Vocational Nurse

III. Industry Certification/Accreditation

No industry accreditation. Approval/Accreditation by the California State Board of Vocational Nursing and Psychiatric Technicians

IV. Industry Recognized Credentials (IRC)

All completing students are eligible to take the National Council Licensing Exam – Practical Nurses (NCLEX-PN). If successful on NCLEX-PN the person may seek job roles as a Licensed Vocational Nurse.

V. Labor Market Demand

The Vocational Nursing program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

A. Employment Trends

Occupation	TOP Code	SOC Code	2012	Average Job Openings per Year
Licensed Practical and Licensed Vocational Nurse	1230.20	292061	160	8*

*State Employment Development
Occupational Employment Projections 20012-2022
Imperial County
<http://www.labormarketinfo.edd.ca.gov/CommColleges/>

B. Employment Trends Assessment

The LMI data does not take into account the evolution of changes brought about by the Affordable Care Act (Obamacare). One change is the increasing local use of LVNs in the home health setting and the ability of a LVN to obtain employment in one of the two local state prison systems.

VI. Other Regional Programs

There are no other similar training programs in Imperial Valley.

VII. Employment and Completion

(Based on State Core Measures Report, 2012-2013, 2013-2014 & 2014-2015)

Core 2: Completions. Measures completions for Career Technical Education student concentrators. Receipt of a certificate or degree or enrollment in a California four-year public university with or without a degree is considered a completion.

Fiscal Year Planning	Program	Total Completions	IVC Completion Rate	State Avg. Completion Rate
2014-2015	Vocational Nursing	32/32	100%	95.37%
2013-2014	Vocational Nursing	20/20	100%	94.56%
2012-2013	Vocational Nursing	20/20	100%	95.24%

PERKINS IV Program Performance Trend Report
Core Indicator Two – Total Completions – Certifications, Degrees and Transfer
https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Core 3: Persistence and Transfer. The percent of Career Technical Education student concentrators (students who have successfully completed a minimum of 12 units of related Career Technical Education coursework) who persist in education at the community college level or transfer to a two or four-year institution.

Fiscal Year Planning	Program	Persistence	IVC Persistence Rate	State Avg. Persistence Rate
2014-2015	Vocational Nursing	26/36	72.22%	85.98%
2013-2014	Vocational Nursing	23/26	88.46%	85.18%
2012-2013	Vocational Nursing	17/23	73.91%	86.82%

PERKINS IV Program Performance Trend Report
Core Indicator Three – Persistence and Transfer
https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Core 4: Student Placement. The percent of Career Technical Education students who have earnings the following year (as found in the unemployment insurance base wage file) or are in an apprenticeship program, or the military.

Fiscal Year Planning	Program	Placements	IVC Placement Rate	State Avg. Placement Rate
2014-2015	Vocational Nursing	22/22	100%	65.50%
2013-2014	Vocational Nursing	3/3	100%	81.39%
2012-2013	Vocational Nursing	13/13	100%	83.32%

PERKINS IV Program Performance Trend Report

Core Indicator Four – Employment

https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Pursuant to the FCMAT report, CTE programs are also being evaluated for student demand, certificate and program completion, local labor demand, and a facility utilization for CTE programs in the new CTE building.

VIII. Enrollment Trends

Course	Year	Sections	Avg. Class	Fill Rate
VN110	2014-2015	1	20	100%
VN110	2013-2014	1	20	100%
VN110	2012-2013	0	0	0.0%

Course	Year	Sections	Avg. Class	Fill Rate
VN112	2014-2015	1	18	90%
VN112	2013-2014	1	15	75%
VN112	2012-2013	0	0	0%

Course	Year	Sections	Avg. Class	Fill Rate
VN114	2014-2015	1	20	100%
VN114	2013-2014	1	20	100%
VN114	2012-2013	0	0	0%

Course	Year	Sections	Avg. Class	Fill Rate
VN116	2014-2015	1	20	100%
VN116	2013-2014	1	20	100%
VN116	2012-2013	0	0	0%

Course	Year	Sections	Avg. Class	Fill Rate
VN120	2014-2015	0	0	0%
VN120	2013-2014	1	15	75.00%
VN120	2012-2013	1	18	90%

Course	Year	Sections	Avg. Class	Fill Rate
VN122	2014-2015	0	0	0%
VN122	2013-2014	1	15	75.00%
VN122	2012-2013	1	18	90%

Course	Year	Sections	Avg. Class	Fill Rate
VN124	2014-2015	0	0	0%
VN124	2013-2014	1	13	65.00%
VN124	2012-2013	1	19	95%

Course	Year	Sections	Avg. Class	Fill Rate
VN130	2014-2015	1	15	75%
VN130	2013-2014	0	0	0%
VN130	2012-2013	1	17	85%

Course	Year	Sections	Avg. Class	Fill Rate
VN132	2014-2015	1	15	75%
VN132	2013-2014	0	0	0%
VN132	2012-2013	1	17	85%

IX. Completions

	2014-2015		2013-2014		2012-2013	
	Degrees	Certificates	Degrees	Certificates	Degrees	Certificates
Nursing – V.N.	9	7	N/A	N/A	15	11

X. FTES/FTEF Analysis

Year	FTES	FTEF	FTES/FTEF
2014-2015	30.08	6.63	4.54
2013-2014	28.73	6.76	4.25
2012-2013	28.81	6.56	4.39

XI. Facility Utilization Plan

The VN Program is housed in a portion of the 2100 building with the RN, Medical Assistant, Pharmacy Technician and Nurse Assistant programs. Due to the multiple programs the VN course work is completed in a small (20 seat) classroom. The VN Program does utilize the skills labs within the 2100 Bldg, as do all the other programs.

XII. SWOT Analysis

<p>Strengths Long-term program (40 + years). Supported by industry partners and good success rates on NCLEX-PN. Although the program takes 18 months, this practice has produced graduates at a frequency that is appropriate to the industry employers. The ability to utilize the same equipment as the RN program including human simulators is another plus as is the ability to advance in their career through a VN to RN pathway.</p>	<p>Weaknesses The VN curriculum needs to be reviewed, revised/updated. The new RN curriculum (fully rolled out in Spring 16) may be a challenge for the VN to RN students, which may limit the numbers seeking career advancement.</p>
<p>Opportunities Increasing the use of human simulators for clinical and check-off experience is one opportunity. Updating/revising the program curriculum and program accreditation would be other opportunities.</p>	<p>Threats Programs from out of county that are vying for the same clinical rotation sites negatively impact our potential for success.</p>

XIII. Program Evaluation

The Vocational Nursing program has very strong performance outcomes across all levels of measurement including Perkins (completion/persistence/placement), fill rates, labor market needs, and degree awards. The productivity ration Of 5.00 is low compared to other academic programs but that is created by specific accreditation and staffing requirements for the program.

XIV. Recommendations

It is recommended that the Vocational Nursing program continue at Imperial Valley College with no mitigation.