**Student Learning Outcomes (SLOs) for Instruction Programs PHASE I** (section I)

**Program Outcomes Assessment Report**

**“Program/Degree/Certificate Description or Mission Statement & Identification of Outcome(s)”**

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| **Date:** | **December 31, 2011** |  |  |
| **Name of Degree, Certificate, Program:** | **Vocational Nursing (VN) Certificate and Degree** |  |  |

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| **Contact Person & Others Involved in Process:** | **Lead: Craig Luoma Others: Tina Aguirre** |

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| The Vocational Nursing Program is designed to provide the education necessary for licensure eligibility and practice as a Licensed  Vocational Nurse (LVN). Acceptance into the program requires successful completion of all prerequisites, and successful completion of the application and selection processes. |

**Mission Statement or Description of the Program, Degree or Certificate:**

**Institutional Learning Outcomes Supported: Please check the ISLOs that are supported by your program:**

\_\_X\_\_**ISLO1** = communication skills; \_\_X\_\_I**SLO2** = critical thinking skills; \_\_X\_\_**ISLO3** = personal responsibility;

\_\_X\_\_I**SLO4** = information literacy; \_\_X\_\_I**SLO5** = global awareness

**Program-level Outcomes and Ways to Assess:** (Please choose 1-3)

**Degree or Certificate Grid needs to also be submitted on final page –** see SLO Coordinator for assistance

**Has SLO Grid been completed? Yes X No Is it Attached? Yes X No**

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| **Completing the VN Certificate/Degree/Program Grid demonstrated that courses are designed to focus primarily on critical thinking and personal responsibility while covering communication skills, information literacy, and global awareness. This is the first time the Grid has been completed for the VN Program so we are unable to compare the Grid to prior years.** |

**Please write a couple of sentences describing what information the completed Grid provides. You may want to comment on ISLOs which are being covered well or not covered at all, changes to be made to outcomes or assessments, or, if possible, you may want to compare Grid to previous years.**

**Please include the outcomes that have been designed for your courses.**

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| **Course #** | **Outcomes** |
| ENG 101 | 1. Demonstrate mastery of research strategies, including appropriate use and correct documentation of research materials. (ILO1, ILO4, ILO5) 2. Demonstrate mastery of pre-writing strategies, including brainstorming and outlining. (ILO1, ILO2) 3. Develop an essay of multiple pages that effectively presents and strongly supports a clear thesis statement. (ILO1, ILO2) |
| AHP 100 | 1. To build many medical words from Greek and Latin prefixes, suffixes, word roots, and combining forms. ILO1, ILO2 2. To define medical words by analyzing Greek and Latin parts ILO1, ILO2 3. To spell medical words correctly ILO1, ILO2 4. To recall acceptable medical abbreviations that represents phrases and terms ILO1, ILO2 |
| BIOL 090 | 1. Explain how the major organ systems function. (ILO2, ILO5) 2. Apply his/her knowledge of organ system function to solve problems based on materials and situations not covered directly in class. (ILO1, ILO2, ILO5) 3. Keep up-to-date with the materials that are covered in class. (ILO3, ILO4) |
| PSY 101 | 1. Conduct a search for appropriate psychological research articles using a number of data sources. (ILO4) 2. Write a paper on a psychological topic using appropriate research articles. (ILO1; ILO2; ILO3) 3. Compare and contrast in the written paper a psychological topic from a Western and non-Western perspective. (ILO1; ILO2; ILO5) |
| PSY 204 | 1. Identify and demonstrate understanding of the physical milestones from conception to death (ILO1; ILO2; ILO3; ILO5) 2. Identify and demonstrate understanding of the cognitive development patterns from conception to death (ILO1; ILO2; ILO3; ILO5); 3. Identify and demonstrate understanding of Erikson's stages of psychosocial development (ILO1; ILO2; ILO3; |
| VN 110 | 1. Demonstrate correctly and safely all principles of medication administration including documentation in simulated client care situations. (ILO 1,2,3,4,5) 2. Demonstrate respect and sensitivity for professional role through appropriate behavior, being prompt for clinical experience, meetings, learning activities, class, and assignment deadlines.(ILO 1,2,3,4,5) 3. Demonstrate knowledge appropriate to practice setting and level of learning in a paper or clinical assignment for VN 110. (ILO 1,2,3,4,5) 4. By the conclusion of VN 110 student will successfully identify subjective and objective data as it relates to nursing diagnosis. (ILO 1,2,3,4,5) 5. Student will successfully demonstrate correct body mechanics to insure safety of self and clients in simulated client care situations.(ILO 1,2,3,4,5) |
| VN 112 | 1. On dosage calculation exam, student will have a score of 92% or better on the first attempt. (ILO1, ILO2, ILO3, ILO4, ILO5) 2. Utilizing principles of medical asepsis student will demonstrate safe and effective insertion of urinary catheter in a simulated clinical setting. (ILO1, ILO2, ILO3, ILO4, ILO5) 3. Identify and document long and short erm goals/expected outcomes for sinulated and actual client situations. (ILO1, ILO2, ILO3, ILO4, ILO5) 4. Utilizing principles of surgical asepsis student will successfully create a sterile field. (ILO1, ILO2, ILO3, ILO4, ILO5) 5. Perform common methods used to assess respiratory functions in actual or simulated client settings. (ILO1, ILO2, ILO3, ILO4, ILO5) |
| VN 114 | 1. Calculate dosages in apothecary and metric systems and safely administer medications utilizing the 5 Rights in the clinical setting ILO 1, 2, 4 |
| VN 116 | 1. Effectively communicate with all appropriate parties regarding patient care and interventions for a given scenario or applied in a clinical setting. ( ILO 1, 2, 3, 4) 2. Demonstrate critical thinking and judgment in clinical decision making related to interactions with patients ILO 1,2,4 3. Identify leadership techniques useful to LVN practice. ILO 1, 2, 3, 4 |
| VN 120 | 1. Demonstrate a physical assessment on a postpartum patient and record the information appropriately. (ILO1, ILO2, ILO4) 2. Demonstrate safe medication, (except IV) administration in a clinical setting. (ILO1, ILO2, ILO3, ILO4) 3. Develop and present a major maternal/child health teaching project. (ILO 1, ILO2, ILO3, ILO4, ILO5) 4. Applying the nursing process, the student will successfully apply the nursing process in caring for the antenatal, intrapartal, & postpartal patient. (ILO1, ILO2, ILO3, ILO4, ILO5) 5. Achieve at least a level one, on the ATI computerized Pharmacology exam. (ILO2) |
| VN 122 | 1. Satisfactorily perform a respiratory assessment on an adult or child in a simulated or actual clinical setting. (ILO 1, 2, 3, 4, 5) 2. Identify the legal and cultural issues involved in caring for patients with common health problems. (ILO 1, 2, 3, 4, 5) 3. Verbalize teaching plan for patients with problems of the reproductive system. (ILO 1, 2, 3, 4, 5) 4. Student will successfully demonstrate suctioning techniques required for patients with common respiratory problems in a simulated or actual clinical setting. (ILO 1, 2, 3, 4, 5) 5. Demonstrate comprehensive knowledge of the maternity cycle by scoring a level one or greater on OB-ATI. (ILO 1, 2, 3, 4, 5) |
| VN 124 | 1. Apply cultural-psychosocial aspects of care to patient teaching, prioritization of interventions involving pharmacological therapy, and in safe administration of medications (ILO 1, 2, 5) 2. Differentiate among the types of drug actions; side effects, adverse reactions, and therapeutic effects in simulated and/or clinical situations. (ILO2, ILO3) 3. Identify actions and purpose of medications affecting the immune system and nursing actions needed when providing care for clients using these medications. (ILO2, ILO3) |
| VN 130 | 1. Establish and prioritize the patient’s needs utilizing both primary and secondary data related to current and past physical and psychological status. (ILO1, ILO2, ILO3, ILO4) 2. Plan, implement and evaluate nursing care of adult and or pediatric patients with common problems of hematology, cardiovascular and or musculoskeletal systems. (ILO1, ILO2, ILO3, ILO4, ILO5) 3. Demonstrate theoretical knowledge, nursing principles such as asepsis, infection control related to patients requiring isolation . (ILO1, ILO2, ILO3, ILO4, ILO5) 4. Student will demonstrate personal responsibility by meeting deadlines and completing skill in the workplace and classroom as assigned.. (ILO1, ILO2, ILO3, ILO4, ILO5) 5. The student will demonstrate the ability to think critically by passing the dosage calculation exam with a score of 92% or better on the first attempt. . (ILO2) |
| VN 132 | 1. Use appropriate data collection techniques & instruments, perform a neurological assessment on an adult or pediatric patient and correctly document information. (ILO1, ILO2, ILO3, ILO4) 2. Provide nursing care that reflects research into patient/clients medical diagnosis, treatment and care. (ILO1, ILO2, ILO3, ILO4) 3. Pay particular attention to the integumentary system and demonstrate critical thinking and judgment in clinical decision making. (ILO1, ILO2, ILO3, ILO4) 4. Show NCLEX readiness by passing the ATI Comprehensive Predictor which measures assessment across the lifespan, with a 75 % or better. (ILO1, ILO2, ILO3, ILO4) 5. Complete an abdominal assessment on a Medical/Surgical patient in the proper sequence using Universal Precautions. (ILO1, ILO2, ILO3, ILO4) |

**Please identify at least one outcome and assessment method, and estimated date for the completion of Section II. Please keep in mind the Comprehensive Program Review Schedule.**

**Instructional Programs (degrees, certificates):** You are asked to complete Course-level Outcomes & Assessments for the two and half years leading up to your Program Review due date, and then Program-level Outcomes can be assessed during your Program Review Fall Semester.Still, even if your Program Review isn’t due this fall, you will want to make a plan to evaluate it with colleagues by your Program Review due date.

**1.Outcome #1**: Students meet or exceed pass rates set for national licensing exam (NCLEX-VN).

Est. Completion Date: Within 4 months of program completion Way(s) to assess: NCLEX and BVNPT official reporting.

**2.Outcome #2:** Student cohort complete “on-time” rate. It measures the number of students that stay in their original cohort and graduate within 3 semesters.

Est. Completion Date: By the completion of VN 132 (every 3 semesters) Way(s) to assess: # graduating on schedule/# in cohort in 1st semester

**3.Outcome #3**: Students meet the minimal Level 1 on ATI Comprehensive Predictor prior to exiting VN 132.

Est. Completion Date: By completion of 3rd semester. Way(s) to assess: ATI standardized test scoring

**Once Section I is completed, please send e-copy & mail hard copy to SLO Coordinator. Then at the end of the data collection/assessment period, please analyze data with co-workers and other members of the IVC community, and complete Section II.**

**Student Learning Outcomes for Instruction – PHASE II** (section II)

**Program Outcomes Assessment Report**

**“Assessment of Program-level Learning Outcomes”**

In this section, please re-state each outcome and indicate the method(s) of assessment, provide a summary of the results, and tell how your program will use this information to improve student learning. Each Goal should have at least one Method of Assessment. To encourage collaboration and the sharing of ideas, you are encouraged to share your outcomes, assessment data, and findings with all available members of your department or program. Please list the names of all faculty, staff, and students who were involved in summarizing or evaluating the data. The names may differ from those on Section I.

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| **Date:** | **June 22, 2012** |  |  |

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| **Contact Person/Others Involved in Process:** | **Lead: Craig Luoma Others: Tina Aguirre** |

**Outcome #1 (please repeat here:** Students meet or exceed pass rates set for national licensing exam (NCLEX-VN).

Est. Completion Date: Within 4 months of program completion Way(s) to assess: NCLEX and BVNPT official reporting.

1. **First Method of Assessment:**
   1. How did you assess Outcome #1?

**Assessment was done by utilizing the data from the California Board of Vocational Nursing Psychiatric Technicians reports**

* 1. Provide a summary of results:

**55% of the completing students took the exam within 4 months.**

**70% of that group passed the NCLEX-PN exam.**

* 1. How will your program use this information to improve student learning? If curriculum changes will be made (i.e. course outline, course description, course activities), please explain.

**The faculty will be introducing the ATI Predictor at an earlier date and will be bringing in former students to explain the importance of taking the exam within 4 months.**

* 1. What is your Timeline for Program Modifications or Response to Data?

**Fall 2012 and spring 2013 will be the implementation and reimplementation of the steps in letter ‘c’ above.**

**Outcome # 2 (please repeat here):** Student cohort complete “on-time” rate. It measures the number of students that stay in their original cohort and graduate within 3 semesters.

Est. Completion Date: By the completion of VN 132 (every 3 semesters) Way(s) to assess: # graduating on schedule/# in cohort in 1st semester

1. **First Method of Assessment**:
   1. How did you assess Outcome # 2?

**Assessment was done based on data gathered by the Administrative Secretary and the annual reports to the state**

* 1. Provide a summary of results:

**88%(16 of 18) completed the program on schedule.**

* 1. How will your program use this information to improve student learning? If curriculum changes will be made (i.e. course outline, course description, course activities), please explain.

**The faculty will review all the data again in fall 2012 and determine if any other interventions can be done**

* 1. What is your Timeline for Program Modifications or Response to Data?

**No timeline necessary at this time**

**Outcome # 3 (please repeat here):** Students meet the minimal preset score on ATI Comprehensive Predictor prior to exiting VN 132.

Est. Completion Date: By completion of 3rd semester. Way(s) to assess: ATI standardized test scoring

1. **First Method of Assessment**:
   1. How did you assess Outcome # 2?

**The faculty provided a listing of the scores from the ATI Predictor prior to the students exiting the program.**

* 1. Provide a summary of results:

**100% achieved the minimal preset score.**

* 1. How will your program use this information to improve student learning? If curriculum changes will be made (i.e. course outline, course description, course activities), please explain.

**The faculty will continue to give the ATI Predictor early in VN 132 to ensure sufficient remediation time.**

* 1. What is your Timeline for Program Modifications or Response to Data?

**No changes or timeline necessary at this time.**

**Program Outcomes and Course Alignment Grid for Imperial Valley College**

Program: **Vocational Nursing, Certificate & Degree**  Completed on: Dec 31, 2011

Prepared by : Sue Higgins, Craig Luoma, Tina Aguirre

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| **Course** | **Communication** | **Critical Thinking** | **Personal Responsibility** | **Information Literacy** | **Global Awareness** | **# Outcomes identified so far for course** |
| Eng 101 (pre-requ.) | 3 | 3 | 1 | 3 | 3 | 3 |
| AHP 100 (pre-requ) | 3 | 3 | 1 | 2 | 2 | 2 |
| BIO 090 (pre-requ.) | 3 | 3 | 3 | 3 | 3 | 3 |
| PSY 101 (pre-requ. | 3 | 3 | 3 | 3 | 3 | 3 |
| PSY 204 (pre-requ.) | 3 | 3 | 3 | 1 | 3 | 3 |
| VN 110 | 3 | 3 | 3 | 3 | 3 | 5 |
| VN 112 | 3 | 3 | 3 | 3 | 3 | 3 |
| VN 114 | 3 | 3 | 1 | 3 | 0 | 1 |
| VN 120 | 3 | 3 | 3 | 3 | 3 | 5 |
| VN 122 | 3 | 3 | 3 | 3 | 3 | 5 |
| VN 124 | 3 | 3 | 3 | 1 | 3 | 3 |
| VN 130 | 3 | 3 | 3 | 3 | 3 | 5 |
| VN 132 | 3 | 3 | 3 | 3 | 2 | 5 |

**\*\*FIVE POINT KEY: Using this key, to receive a 3 or 4 the ISLO needs to be measured through the outcome and assessment.**

**4=** This is a STRONG focus of the course. Students are tested on it or must otherwise demonstrate their competence in this area.

**3=** This is a focus of the course that will be assessed.

**2=** This is a focus of the course, but is NOT assessed.

**1=** Thisis briefly introduced in the course, but not assessed.

**0=** This is not an area touched on in the course.