

PROGRAM OF STUDY

Cerro Coso Vocational Nursing AS Degree Program

VOCATIONAL NURSING ASSOCIATE OF SCIENCE DEGREE: This course of study is an intensive program totaling 1,662 hours approved by the Board of Vocational Nursing and Psychiatric Technicians. The hours include anatomy and physiology, psychology, certified nurse aide (CNA), nursing theory, and supervised clinical nursing experiences. Concepts integrated throughout the first semester of the program include: fundamentals of nursing, geriatrics, nutrition, and pharmacology. Nursing care of clients with various adult medical-surgical conditions is integrated throughout three semesters of the program. Course content also includes concepts of growth and development, normal obstetrics and pediatrics. After successful completion of the program, the student is eligible to take the licensure examination provided by the National Council of State Board of Nursing (NCLEX-PN).

All prerequisites must be successfully completed with a grade of "C" or better before entering the program. Students must also possess a current CNA certificate.

For information regarding the process of application and admission in the program, interested students should contact the Counseling Center or the Director of Vocational Nursing Program.

This program prepares students for careers in Vocational Nursing

Vocational Nurses work in physician offices, acute care settings, and long term care settings.

SEMESTER I

Total: 0

Complete all of the following courses:

HCRS C100	Fundamentals of Nursing	3
HCRS C103	Medical Surgical Nursing	3
HCRS C107	Basic Pharmacology Vocational Nursing	2
HCRS C113	Vocational Nursing Lab I	6
HCRS C070	CPR for the Healthcare Provider	0.5
or		
EMTC C070	CPR for the Healthcare Provider	0.5

Total: 14.5

SEMESTER II

Total: 0

Complete all of the following courses:

HCRS C204	Medical Surgical Nursing II	9
HCRS C214	Clinical Nursing II	6

A Total: 15

SEMESTER III

Total: 0

Complete all of the following courses:

HCRS C205	Medical Surgical Nursing III	3.5
HCRS C206	Maternal/Child Nursing	3
HCRS C207	Advanced Pharmacology	1
HCRS C208	Critical Thinking and Leadership for the Vocational Nurse	1.5
HCRS C216	Clinical Nursing III	6

A Total: 15

Select 3 units from the following:

Units

HCRS C230	Pharmacology for Health Prof. or	3
HCRS C240	Nutrition/Diet Therapy or	3
HCRS C250	Cultural Diversity in Health Care or	3
HCRS C255	Basic Cardiac Rhythm Interpretation or	3
HCRS C260	Ethics for the Health Professional	3

Total: 3

Complete general education requirements and electives for a minimum of 60 total units.*

Units

Total: 14.5

Total Units

60

PID 892

Program Learning Outcomes

1 . Identify the etiology, pathophysiology, and signs/ symptoms of disorders of all body systems and stages of development.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards.

2 . Demonstrate an understanding of the nursing process.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards

3 . Take a leadership role in both the profession of Vocational Nursing and in the community.

Assessment: This will be assessed by successful job placement in the nursing field.

4 . Successfully pass the State Mandated NCLEX-PN Boards.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards.

Program Matrix

Courses	Program Learning Outcomes			
	A	B	C	D
EMTC C070	X	X		
HCRS C070	X	X		
HCRS C100		X		X
HCRS C103	X	X		X
HCRS C107		X		X
HCRS C113	X		X	X
HCRS C204	X			X
HCRS C205	X	X	X	X
HCRS C206	X	X		X
HCRS C207		X		X
HCRS C208		X	X	X
HCRS C214	X		X	X
HCRS C216	X		X	X
HCRS C230		X		
HCRS C240	X			

HCRS C250	X	X
HCRS C255	X	
HCRS C260		X

Planning Summary

Program Cover

Recommended T.O.P. Code	1230.20
Units for Degree Major or Area of Emphasis	47.5, 1662 hours per BVNPT approval
Total Units for Degree	Minimum of 60 units
Required Units-Certificate	
Projected Annual Completers	15, every other year 45
Projected Net Annual Labor Demand (CTE)	est. 317 for 2013, 45 currently posted
Estimated FTE Faculty Workload	2, 5 every other year. For ESCC instructor salaries are covered by the local hospitals.
Number of New Faculty Positions	one temporary full time position for KRV for Spring 2014
Est. Cost, New Equipment	Covered by the TAACCCT C6 Grant
Cost of New/Remodeled Facility	Covered by the TAACCCT C6 Grant
Est. Cost, Library Acquisitions	Covered by the TAACCCT C6 Grant
When will this program undergo review as part of college's Program Evaluation Plan?	30 = Spring 2013

Need

Enrollment and Completer Projections	The annual completion plan would be 15 students every year for the Indian Wells/ Ridgecrest site and 30 students total for the KRV and ESCC sites every other year. Currently, we have up to 40 students each year hoping to have their names drawn in the Vocational Nursing Program lottery at the Cerro Coso main campus at the start of each iteration. ESCC campus also has up to 40 students every other year hoping to get into the Vocational Nursing Program. The KRV program has been proposed as a new site starting Spring 2014. The KRV Program was approved by the BVNPT this last summer (2013).
Place of Program in Curriculum/Similar Programs	There are no similar programs like Vocational Nursing in the Cerro Coso Community College service area. This program was revised to be aligned with Bakersfield College and West Hills Community as part of the TAACCCT C6.
'Similar Programs at other colleges in service area	There is one other program in Kern County but not in Cerro Coso Community College service area. This program is located in Bakersfield, California which is approximately 120 miles from Ridgecrest. This would put undue stress upon our students who attend the Cerro Coso's main campus in Ridgecrest. The Cerro Coso Vocational Nursing Program will also be located at Bishop, Mammoth, and Kernville Campuses which is an average of 175 miles from Bakersfield.
Labor Market Information & Analysis (CTE only)	According to the Occupational Report, there is an annual openings estimate of 317 jobs for the year 2013. Currently, there are 45 Job Postings. There is an expected increase of Vocational Nursing jobs between 2012 to 2017 of 609 jobs which is an increase of 11.2%. This does take into account that 44% of the current Vocational Nurses are over the age of 45 and nearing retirement. The Median wage is \$22.20/hr.
Employer Survey (CTE only)	This Program is in response to community needs in both the IWV, ESCC, and KRV areas. An employer survey was not completed. However, the advisory committees and regional trends indicate an increasing need for a Vocational Nursing Program in the Cerro Coso Community College Service area.
Explanation of Employer Relationship (CTE Only)	We have Advisory Groups in both the IWV and ESCC areas that are representative of the industry and employers in the areas. The employers of the Cerro Coso Community College service area provide some expendable equipment. They also provide facilities for Vocational Nursing students to complete their clinical experiences. Some doctor's offices provide subject experts to follow the students and give the students needed guidance. Also, employers in KRV service area have been in contact with the Director of the Vocational Nursing Program asking for a Vocational Nursing Program extension in their area.

List of Members and Advisory Committee (CTE Only)

Please see attached.

Recommendations of Advisory Committee (CTE Only)

The Advisory Committee for IWV and ESCC recommend the continuance of the Vocational Nursing Program. They are excited about the changes made to align the CCCC nursing program with other colleges in the TAACCCT C6 Grant including the compression of the program to 12 months. The Advisory Committees request that we embed more soft skills such as professionalism.

Adequate Resources

Library and/or Learning Resources Plan

Cerro Coso's Learning Resource Center is able to provide extensive online data bases that include EBSCOhost which provides full-text academic and peer review psychology journals. EBSCOhost is available to students 24/7 as an online resource and accessible to all students that are enrolled in both distance and on campus classes. In addition, the Academic Search Complete resource contains indexing and abstracts for more than 8,500 journals, with full text for more than 4,600 of those titles. This database contains unmatched full-text coverage in healthcare, biology, chemistry, engineering, physics, psychology, religion and theology, etc. Oposing Viewpoints Resource Center also available to all Cerro Coso Students draws on the acclaimed social issues series published by Greenhaven Press, as well as core reference content from other Gale and Macmillan Reference USA sources to provide a complete one-stop source for information on social issues. Access viewpoint articles, topic overviews, statistics, primary documents, links to websites, and full-text magazine and newspaper articles are resources that adequately provide students with research material necessary for study within this degree. Any additional resources for this program will be supported through the TAACCCT C6 Grant.

Facilities and Equipment Plan

The equipment and facilities for the Vocational Nursing Program are already available at three of the four sites. The nursing skills labs and classrooms are currently being used for the Vocational Nursing Program at the Indian Wells Valley/ Ridgecrest, Mammoth, and Bishop sites. The nursing skills lab will be developed in Kernville for the planned Vocational Nursing Program. The equipment and supplies for East Kern Program will be supplied by the TAACCCT C-6 Grant and supported by the local employers. The faculty includes 3 full-time Health Careers instructors (already under contract) and several 'subject competent' Ancillary Adjuncts.

Financial Support Plan

The Vocational Nursing Program's financial support can be found in the Annual Unit Plan. Any additional program realignment costs incurred will be covered by the TAACCCT C6 Grant. (See attached.)

Faculty Qualifications and Availability

The equipment and facilities for the Vocational Nursing Program are already available at three of the four sites. The nursing skills labs and classrooms are currently being used for the Vocational Nursing Program at the Indian Wells Valley/ Ridgecrest, Mammoth, and Bishop sites. The nursing skills lab will be developed in Kernville for the planned Vocational Nursing Program. The equipment and supplies for East Kern Program will be supplied by the TAACCCT C-6 Grant and supported by the local employers. The faculty includes 3 full-time Health Careers instructors (already under contract) and several 'subject competent' Ancillary Adjuncts. A new temporary full-time faculty will be required for the Kernville site which will be paid for by the TAACCCT C-6 Grant.

Compliance

Based on model curriculum (if applicable)

The Cerro Coso Community College Vocational Nursing Program is based on the mandated curriculum set forth by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT).

Licensing or Accreditation Standards

Curriculum and program changes were made per TAACCCT C6 Grant to be in alignment with other California community colleges have been approved by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT).

Student Selection and Fees

Student selection is completed by lottery per Title V. Students are required to purchase or rent textbooks as specified by the CORs for each course. Students are required to buy uniforms and assessment equipment (e.g., penlight, stethoscope) specified by the CC Vocational Nursing Program. Students need to subscribe to the testing and assessment tool used by the CC Vocational Nursing Program.

Conditions of Enrollment

Prerequisite

HCRS C055
and

Prerequisite

CSCI C070
and

Prerequisite

PSYC C101
or

Prerequisite

PSYC C101H
and

Prerequisite

HCRS C150

and

Prerequisite

BIOL C125

or

Prerequisite

BIOL C251

and

Prerequisite

BIOL C255

Limitation on Enrollment (e.g. Performance tryout or audition)

Enrollment is through counseling only.

PROGRAM OF STUDY

Cerro Coso Vocational Nursing Certification Certificate of Achievement

VOCATIONAL NURSING CERTIFICATE:

This course of study is an intensive program totaling 1,662 hours approved by the Board of Vocational Nursing and Psychiatric Technicians. The hours include anatomy and physiology, psychology, certified nurse aide (CNA), nursing theory, and supervised clinical nursing experiences. Concepts integrated throughout the first semester of the program include: fundamentals of nursing, geriatrics, nutrition, and pharmacology. Nursing care of clients with various adult medical-surgical conditions is integrated throughout three semesters of the program. Course content also includes concepts of growth and development, normal obstetrics and pediatrics. After successful completion of the program, the student is eligible to take the licensure examination provided by the National Council of State Board of Nursing (NCLEX-PN).

All prerequisites must be successfully completed with a grade of "C" or better before entering the program. Students must also possess a current CNA certificate.

For information regarding the process of application and admission in the program, interested students should contact the Counseling Center or the Director of Vocational Nursing Program.

This program prepares students for careers in Vocational Nursing

Vocational nurses work in physician offices, acute care settings, and long term care settings.

SEMESTER I

Total: 0

Complete all of the following courses:

HCRS C100	Fundamentals of Nursing	3
HCRS C103	Medical Surgical Nursing	3
HCRS C107	Basic Pharmacology Vocational Nursing	2
HCRS C113	Vocational Nursing Lab I	6
HCRS C070	CPR for the Healthcare Provider	0.5
or		
EMTC C070	CPR for the Healthcare Provider	0.5

Total: 14.5

SEMESTER II

Total: 0

Complete all of the following courses:

HCRS C204	Medical Surgical Nursing II	9
HCRS C214	Clinical Nursing II	6

A Total: 15

SEMESTER III

Total: 0

Complete all of the following courses:

HCRS C205	Medical Surgical Nursing III	3.5
HCRS C206	Maternal/Child Nursing	3
HCRS C207	Advanced Pharmacology	1
HCRS C208	Critical Thinking and Leadership for the Vocational Nurse	1.5
HCRS C216	Clinical Nursing III	6

A Total: 15

Select 3 units from the following courses:

Units

HCRS C230	Pharmacology for Health Prof. or	3
HCRS C240	Nutrition/Diet Therapy or	3
HCRS C250	Cultural Diversity in Health Care or	3
HCRS C255	Basic Cardiac Rhythm Interpretation or	3
HCRS C260	Ethics for the Health Professional	3

Total: 3

Total Units

47.5

PID 899

Program Learning Outcomes

1 . Identify the etiology, pathophysiology and signs and symptoms of disorders of all body systems and stages of development.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards.

2 . Demonstrate an understanding of the nursing process.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards.

3 . Take a leadership role in both the profession of Vocational Nursing and in the community

Assessment: This will be assessed by successful job placement in the field

4 . Successfully pass the State Mandated NCLEX-PN Boards.

Assessment: This will be assessed by scoring a passing mark on the NCLEX-PN Boards.

Program Matrix

Courses	Program Learning Outcomes			
	A	B	C	D
EMTC C070	X	X		
HCRS C070	X	X		
HCRS C100		X		X
HCRS C103	X	X		X
HCRS C107		X		X
HCRS C113	X		X	X
HCRS C204	X			X
HCRS C205	X	X	X	X
HCRS C206	X	X		X
HCRS C207		X		X
HCRS C208		X	X	X
HCRS C214	X		X	X
HCRS C216	X		X	X
HCRS C230		X		
HCRS C240	X			
HCRS C250		X	X	
HCRS C255		X		
HCRS C260			X	

Planning Summary

Program Cover

Recommended T.O.P. Code	1230.20
Units for Degree Major or Area of Emphasis	
Total Units for Degree	
Required Units-Certificate	47.5, 1662 hours per BVNPT approval
Projected Annual Completers	15, every other year 45
Projected Net Annual Labor Demand (CTE)	est. 317 for 2013, 45 currently posted
Estimated FTE Faculty Workload	2, 5 every other year. For ESCC instructor salaries are covered by the local hospitals.
Number of New Faculty Positions	one temporary full time position for KRV for Spring 2014
Est. Cost, New Equipment	Covered by the TAACCCT C6
Cost of New/Remodeled Facility	Covered by the TAACCCT C6
Est. Cost, Library Acquisitions	Covered by the TAACCCT C6
When will this program undergo review as part of college's Program Evaluation Plan?	30 = Spring 2013

Need

Enrollment and Completer Projections	The annual completion plan would be 15 students every year for the Indian Wells/ Ridgecrest site and 30 students total for the KRV and ESCC sites every other year. Currently, we have up to 40 students each year hoping to have their names drawn in the Vocational Nursing Program lottery at the Cerro Coso main campus at the start of each iteration. ESCC campus also has up to 40 students every other year hoping to get into the Vocational Nursing Program. The KRV program has been proposed as a new site starting Spring 2014. The KRV Program was approved by the BVNPT this last summer (2013).
Place of Program in Curriculum/Similar Programs	There are no similar programs like Vocational Nursing in the Cerro Coso Community College service area. This program was revised to be aligned with Bakersfield College and West Hills Community as part of the TAACCCT C6.
'Similar Programs at other colleges in service area	There is one other program in Kern County but not in Cerro Coso Community College service area. This program is located in Bakersfield, California which is approximately 120 miles from Ridgecrest. This would put undue stress upon our students who attend the Cerro Coso's main campus in Ridgecrest. The Cerro Coso Vocational Nursing Program will also be located at Bishop, Mammoth, and Kernville Campuses which is an average of 175 miles from Bakersfield.
Labor Market Information & Analysis (CTE only)	According to the Occupational Report, there is an annual openings estimate of 317 jobs for the year 2013. Currently, there are 45 Job Postings. There is an expected increase of Vocational Nursing jobs between 2012 to 2017 of 609 jobs which is an increase of 11.2%. This does take into account that 44% of the current Vocational Nurses are over the age of 45 and nearing retirement. The Median wage is \$22.20/hr.
Employer Survey (CTE only)	This Program is in response to community needs in both the IWV, ESCC, and KRV areas. An employer survey was not completed. However, the advisory committees and regional trends indicate an increasing need for a Vocational Nursing Program in the Cerro Coso Community College Service area.
Explanation of Employer Relationship (CTE Only)	We have Advisory Groups in both the IWV and ESCC areas that are representative of the industry and employers in the areas. The employers of the Cerro Coso Community College service area provide some expendable equipment. They also provide facilities for Vocational Nursing students to complete their clinical experiences. Some doctor's offices provide subject experts to follow the students and give the students needed guidance. Also, employers in KRV service area have been in contact with the Director of the Vocational Nursing Program requesting a Vocational Nursing Program in their area.
List of Members and Advisory Committee (CTE Only)	Please see attached.

Recommendations of Advisory Committee (CTE Only) The Advisory Committee for IWV and ESCC recommend the continuance of the Vocational Nursing Program. They are excited about the changes made to align the CCCC nursing program with other colleges in the TAACCCT C6 Grant including the compression of the program to 12 months. The Advisory Committees request that we embed more soft skills such as professionalism.

Adequate Resources

Library and/or Learning Resources Plan Cerro Coso's Learning Resource Center is able to provide extensive online data bases that include EBSCOhost which provides full-text academic and peer review psychology journals. EBSCOhost is available to students 24/7 as an online resource and accessible to all students that are enrolled in both distance and on campus classes. In addition, the Academic Search Complete resource contains indexing and abstracts for more than 8,500 journals, with full text for more than 4,600 of those titles. This database contains unmatched full-text coverage in healthcare, biology, chemistry, engineering, physics, psychology, religion and theology, etc. Opposing Viewpoints Resource Center also available to all Cerro Coso Students draws on the acclaimed social issues series published by Greenhaven Press, as well as core reference content from other Gale and Macmillan Reference USA sources to provide a complete one-stop source for information on social issues. Access viewpoint articles, topic overviews, statistics, primary documents, links to websites, and full-text magazine and newspaper articles are resources that adequately provide students with research material necessary for study within this degree. Any additional resources for this program will be supported through the TAACCCT C6 Grant.

Facilities and Equipment Plan The equipment and facilities for the Vocational Nursing Program are already available at three of the four sites. The nursing skills labs and classrooms are currently being used for the Vocational Nursing Program at the Indian Wells Valley/ Ridgecrest, Mammoth, and Bishop sites. The nursing skills lab will be developed in Kernville for the planned Vocational Nursing Program. The equipment and supplies for East Kern Program will be supplied by the TAACCCT C-6 Grant and supported by the local employers. The faculty includes 3 full-time Health Careers instructors (already under contract) and several 'subject competent' Ancillary Adjuncts.

Financial Support Plan The Vocational Nursing Program's financial support can be found in the Annual Unit Plan. Any additional program realignment costs incurred will be covered by the TAACCCT C6 Grant. (See attached.)

Faculty Qualifications and Availability The faculty includes 3 full-time Health Careers instructors (already under contract and approved by the BVNPT) and several 'subject competent' Ancillary Adjuncts. Faculty is required to have an 'active' professional nursing license and hold a baccalaureate degree. They are also required to have a minimum of two years experience as a registered nurse or licensed vocational nurse within the last five years. Please see Article 5, § 2529 Faculty Qualifications of the 'Vocational Practice Nursing Act' for further details (see attached). A new temporary full-time faculty will be required for the Kernville site which will be paid for by the TAACCCT C-6 Grant.

Compliance

Based on model curriculum (if applicable) The Cerro Coso Community College Vocational Nursing Program is based on the mandated curriculum set forth by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT).

Licensing or Accreditation Standards Curriculum and program changes were made per TAACCCT C6 Grant to be in alignment with other California community colleges have been approved by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT).

Student Selection and Fees Student selection is completed by lottery per Title V. Students are required to purchase or rent textbooks as specified by the CORs for each course. Students are required to buy uniforms and assessment equipment (e.g., penlight, stethoscope) specified by the CC Vocational Nursing Program. Students need to subscribe to the testing and assessment tool used by the CC Vocational Nursing Program.

Conditions of Enrollment

Prerequisite
HCRS C055
and

Prerequisite
CSCI C070
and

Prerequisite
PSYC C101
or

Prerequisite
PSYC C101H
and

Prerequisite
HCRS C150
and

Prerequisite

BIOL C125

or

Prerequisite

BIOL C251

and

Prerequisite

BIOL C255

Limitation on Enrollment (e.g. Performance tryout or audition)

Enrollment is complete through the counseling department.