Nursing

Overview

The Associate in Science Degree Registered Nursing Program at Sacramento City College is approved by the California Board of Registered Nursing. Students enrolled in this program are required to complete general education, science, and nursing courses with related clinical experiences in local hospitals.

Information Sessions

Nursing applications for all programs are held once a year during the month of February.

What To Expect

The nursing courses are four semesters in length. In addition to regular expenses such as enrollment fees, living costs, activity fees, and books, nursing students have the expense of uniforms, equipment, malpractice insurance, graduation, and licensing costs. They are also responsible for their physical examination, immunizations, background check, and drug screen, as well as transportation to and from clinical agencies for day and evening learning experiences. All enrolled students must have a current American Heart Association Health Provider CPR with Automated External Defibrillator (AED) card. The nursing program is a full-time rigorous course of study. In order to ensure academic success and to protect students’ health, full-time employment is not advisable. It is recommended that students who must continue outside employment reduce their hours to 8-12 hours or less per week. Nursing courses must be taken in sequence. Informational meetings are held several times each semester to provide prospective students with information about program prerequisites, enrollment process, and other requirements in the program.

Career Options

The Nursing Department includes two board-approved programs: Associates Degree – Nursing (ADN) and Vocational Nursing (VN). Each program has pre-requisite courses, plus nursing theory with concurrent clinical practice. Graduates of both programs are eligible to sit for the licensure examination and are prepared for employment. A career mobility LVN to RN track is also available that culminates in achieving the Associate Degree. According to the U.S. Bureau of Labor Statistics, employment of registered nurses is projected to grow 12 percent from 2018 to 2028, much faster than the average for all occupations.

Costs of RN Program

Financial requirements of the four semester full time program total approximately $5,860, which includes:

- Tuition
- Background check
- Drug screen
- Physical exam
- Immunizations
- Immunization tracker
- CPR certification
- Books
- Uniforms
- Identification badges
- School patches
- Nurse kit
- Supplies
- Malpractice insurance
- Online orientation modules
- BRN application
- Licensure exam
- Interim permit
- Live scan
- Other graduation expenses

Students must have access to a computer, internet, printer, ink and paper. Financial aid and scholarships are available. Students with a baccalaureate degree or over 72 units are not eligible for financial aid. Students with a conviction history may not be allowed in a clinical facility and may not be qualified for a nursing license. The BRN has the right to deny any graduate the opportunity to take the licensure exam.

Costs of VN Program

The financial requirements of the program are approximately $4000, which includes:

- Tuition
- Uniforms
- Books
- Nurse kit
- Physical examination
- Background check and drug screen
Students must have access to a computer, internet, printer, ink and paper; students must also have reliable transportation to off-campus clinical facilities. Financial aid and scholarships are available. Applicants are encouraged to meet with a SCC counselor and attend VN Program Information Meetings.

### Criminal History/Felony Conviction

Pursuant to the State Board of Vocational Nursing and Psychiatric Technicians (BVNPT) and the State Board of Registered Nursing (BRN):

*a person convicted of any offense, other than a minor traffic violation, may not qualify to be licensed as a Vocational and/or Registered Nurse.*

For more information about an early determination, please contact the appropriate state board.

**STATE BOARD OF VOCATIONAL NURSING AND PSYCHIATRIC TECHNICIANS (BVNPT) [HTTPS://WWW.BVNPT.CA.GOV/]**

**STATE BOARD OF REGISTERED NURSING (BRN) [HTTPS://WWW.RN.CA.GOV/ENFORCEMENT/CONVICTIONS.SHTML]**

### Associate Degrees

#### A.S. in Nursing, Registered

The Associate in Science Degree in Nursing Program at Sacramento City College is approved by the California Board of Registered Nursing. Students enrolled in this program are required to complete general education, science, and nursing courses with related clinical experiences in local hospitals. The nursing courses are four semesters in length.

In addition to regular expenses such as enrollment fees, living costs, activity fees, and books, nursing students have the expense of uniforms, equipment, malpractice insurance, graduation, and licensing costs. They also are responsible for their physical examination, immunizations, background check, and drug screen, as well as transportation to and from clinical agencies for day and evening learning experiences. All enrolled students must have a current American Heart Association Health Provider CPR with Automated External Defibrillator (AED) card. The nursing program is a full-time rigorous course of study. In order to ensure academic success and to protect students' health, full time employment is not advisable. It is recommended that students who must continue outside employment reduce their hours to 8-12 hours or less per week.

Nursing courses must be taken in sequence. Informational meetings are held several times each semester to provide prospective students with information about program prerequisites, enrollment process, and other requirements in the program.

A 75% passing grade is mandatory in theory and clinical practicum of each nursing course for progression in the program. In order to obtain a Registered Nursing license as a graduate, a student must have an Associate in Science Degree in Nursing by the end of the fourth semester.

Nursing courses may be completed at any of the four campuses. However, clinical experiences are only available at the main campus. Informational meetings are held several times each semester to provide prospective students with information about program prerequisites, enrollment process, and other requirements in the program.

Transfer students must present evidence of comparable theory and clinical practice courses. Transfer students are admitted on a space available basis.

**Catalog Date:** June 1, 2020

### Degree Requirements

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<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
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</thead>
<tbody>
<tr>
<td>ANTH 310</td>
<td>Cultural Anthropology (3)</td>
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<tr>
<td>or ANTH 481</td>
<td>Honors Cultural Anthropology (3)</td>
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<tr>
<td>or SOC 321</td>
<td>Race, Ethnicity and Inequality in the United States (3)</td>
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</table>
COURSE CODE | COURSE TITLE                                                                 | UNITS |
---|---|---|
or SOC 482 | Race, Ethnicity and Inequality in the United States - Honors (3) |       |
BIOL 430  | Anatomy and Physiology                                               | 5     |
BIOL 431  | Anatomy and Physiology                                               | 5     |
BIOL 440  | General Microbiology                                                 | 4     |
COMM 301  | Introduction to Public Speaking (3)                                   | 3     |
or COMM 331 | Group Discussion (3)                                                 |       |
ENGWR 300 | College Composition (3)                                              | 3-4   |
or ENGWR 488 | Honors College Composition and Research (4) |       |
PSYC 300  | General Principles (3)                                               | 3     |
or PSYC 480 | Honors General Principles (3)                                        |       |
NURSE 407 | Fundamentals of Health and Nursing Care                              | 12    |
NURSE 417 | Nursing and Health Maintenance Through the Lifecycle                 | 12    |
NURSE 427 | Nursing Complex Health Problems Through the Life Cycle                | 12    |
NURSE 437 | Nursing in Complex and Multiple Patient Care                         | 12    |

Total Units: 74 - 75

The Nursing, Registered Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Application and acceptance into the Associate in Science Degree Registered Nursing Program at Sacramento City College.
- BIOL 430, BIOL 431, and BIOL 440 with grades of "C" or better and a cumulative GPA of 3.0 or better.
- PSYC 300 or PSYC 480; ENGWR 300 or ENGWR 488; COMM 301 or COMM 331; SOC 321 or SOC 482 or ANTH 310 or ANTH 481 with grades of "C" or better and a cumulative GPA of 2.5 or better. In-progress grades will not be accepted for prerequisite courses.
- A SCORE of 70 or higher on the Registered Nursing Multi Criteria Enrollment Form.
- It is strongly recommended that students complete all general education requirements (Area I-VI) and competency requirements (reading, writing, and mathematics) prior to application to the program.
- Completion of the latest edition of the Test of Essential Academic Skills (TEAS), developed by the Assessment Technologies Institute, LLC (ATI). A minimum composite score is necessary to be eligible for application to the program. Additional information is available from the SCC Nursing website at http://www.scc.losrios.edu/~nursing/.

Enrollment Process

Eligible students are selected for the program according to the following steps:

- The Associate in Science Degree Registered Nursing Program at Sacramento City College uses a multicriteria enrollment process. The latest edition of the ATI Test of Essential Academic Skills (TEAS) must be taken before applying, and a minimum composite score must be achieved in order to apply to the program. A Los Rios Community College District student identification number is required to access the online application. Points earned from the multicriteria enrollment form determine eligibility for the random selection pool from which a class is selected. Students must reapply each year. There is no waiting list.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- integrate the nursing process with critical reasoning skills, in direct and indirect nursing care to meet the patient’s developmental and basic human needs.
- revise individualized nursing interventions to safely provide care to assist adult and older adult patients in need of preventative, restorative, or rehabilitative patient centered care.
- incorporate evidence-based practice, patient care standards, informatics, and critical thinking skills to enhance safety, quality improvement, and effectiveness of nursing care.
- generate therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- formulate accurate and timely documentation and reporting of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- design patient-centered teaching plans and assist patients and their families in developing self-advocacy skills necessary to maintain optimum levels of functioning and health.
- manage the nursing care for a group of patients, utilizing leadership skills, collaboration, teamwork, resource utilization, and supervision of team members consistent with their scope of practice.
- prioritize patient care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
- integrate ethical principles, legal boundaries, and cultural competency in all areas of nursing practice.
- assess learning needs through reflective thinking and use resources to engage in continuous improvement in skills and knowledge.

Career Information

This program prepares the student for employment as an entry-level staff nurse in hospitals, physician’s offices, skilled nursing or long term care facilities, surgery centers, ambulatory care settings, occupational health, and other related agencies. Registered Nurses provide nursing care to clients and groups of clients throughout the lifespan. They have many responsibilities from direct patient care to leadership roles, depending on the specific setting in which they are working. Program graduates are eligible to apply for the examination given by the National Council Licensure Examination for Registered Nurses.

A.S. in Nursing, Vocational

The Vocational Nursing Program at Sacramento City College is approved by the California Board of Vocational Nursing and Psychiatric Technicians. Upon successful completion of the three-semester, 51-unit program, the student is eligible to apply for the National Licensing Examination to qualify as a Licensed Vocational Nurse. Students enrolled in this program are required to complete nursing courses with related clinical experiences. The program issues a certificate upon completion and prepares the graduate for employment. With completion of additional requirements, an Associate in Science Degree may be achieved. In addition to regular expenses such as enrollment fees, living costs, activity fees, and books, nursing students have the expense of uniforms, equipment, malpractice insurance, graduation, and licensing costs. Students are also responsible for their physical examination, immunizations, background check, and drug screen, as well as transportation to and from clinical agencies for day and evening learning experiences. All students must have a current CPR with Automated External Defibrillator (AED) from the American Heart Association or Professional Rescuer American Red Cross.
The nursing program is a full-time rigorous course of study. In order to ensure academic success and to protect students' health, full time employment is not advisable. It is recommended that students who must continue outside employment reduce their hours to 8-12 hours or less per week.

Informational meetings are held several times each semester and provide prospective students with information on program prerequisites, enrollment process, and other facts about the program.

Recommended high school preparation: classes in biology, mathematics, and English.

Catalog Date: June 1, 2020

Degree Requirements

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<td>VN 120</td>
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<tr>
<td>VN 130</td>
<td>Meeting Health Needs of All Age Groups</td>
<td>12</td>
</tr>
<tr>
<td>VN 140</td>
<td>Meeting Complex Adult Health Needs</td>
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Subtotal Units: 36

Prerequisite Courses

<table>
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<tr>
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<tbody>
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<td>AH 110</td>
<td>Medical Language for Health-Care Providers</td>
<td>3</td>
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<tr>
<td>BIOL 100</td>
<td>Introduction to Concepts of Human Anatomy and Physiology (3)</td>
<td>3 - 10</td>
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<tr>
<td>or [ BIOL 430</td>
<td>Anatomy and Physiology (5)</td>
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<td>and BIOL 431</td>
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<td>PSYC 300</td>
<td>General Principles (3)</td>
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</tr>
<tr>
<td>or PSYC 480</td>
<td>Honors General Principles (3)</td>
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Prerequisite Courses Units: 15 - 22

Total Units: 51 - 58

The Nursing, Vocational Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete program application and submit by due date to be considered for acceptance into the program.
- 12th grade or equivalent as granted by the California State Department of Education
- BIOL 100 with a grade of B or better; or BIOL 430 and BIOL 431 with grades of “B” or better.
- AH 110, FCS 324, NUTRI 300 or NUTRI 480, and PSYC 300 or PSYC 480 with grades of “B” or better and a cumulative GPA of 2.5 in these four (4) courses.
- ENGRD 11 for applicants who do not have an Associate Degree or higher.
- In-progress grades will not be accepted for prerequisite courses. Courses taken for Pass/No Pass (P/NP) will be calculated into the GPA as a “C” grade.
- It is highly recommended that the student take a medical dosage calculation class prior to beginning the program.
- A grade of 75% or better is mandatory in each required course for progression in the vocational nursing program. If the clinical performance is “unsatisfactory,” the semester grade will be “F” regardless of achievement in theory.
- Completion of the Test of Essential Academic Skills (TEAS), latest version, developed by the Assessment Technologies Institute, LLC (ATI).

Enrollment Process

Eligible students are selected for the program according to the following steps:

- A Los Rios Community College District student identification number is required to access the online application. Enrollment eligibility consists of successful completion of prerequisite courses in order to qualify for the random selection pool from which a class is selected. Students must reapply each semester. There is no waiting list.
- Successful completion of the online application, along with all supporting documents as stipulated on the online page, must be submitted to the Science and Allied Health Division by the posted due date.
- Students accepted into the program will be required to undergo a criminal background check and a 10-panel urine drug screen prior to their clinical laboratory experience.
- NOTE: Vocational Nursing courses must be taken in sequence.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- utilize the nursing process within organized health care systems to help patients with common illnesses meet their basic human needs through direct patient care services.
- provide individualized nursing measures to assist patients in need of rehabilitation, including lifestyle changes in the hospital, home, or in the community.
- apply established standards of care, critical thinking skills, and scientific knowledge when performing nursing functions or procedures.
- maintain therapeutic communication essential to the achievement of health related patient and/or organizational goals.
- demonstrate the ability to accurately report and document patient assessments, interventions, changes in patient status, and outcomes of care in the written and electronic medical record (EMR).
- act as a patient advocate and teacher in assisting patients and families to prevent illness and maintain their optimum level of functioning and health.
organize care for a group of patients and participate in providing direction for personnel with less preparation or experiences in other than acute care settings.  
apply knowledge of cultural patterns, beliefs, and practices in providing culturally sensitive competent care.  
assume responsibility for his/her own professional development and function with accountability within the legal boundaries of LVN practice.

Career Information

This program prepares the student for employment as a licensed vocational nurse. The LVN may work in hospitals, doctors’ offices, ambulatory care settings, skilled nursing facilities, correctional facilities, home health, and extended care facilities to provide basic patient care to clients of all ages under the supervision and direction of physicians or registered nurses. The specific procedures performed vary greatly depending on the work setting.

Certificates of Achievement

LVN-RN 30-Unit Option Certificate

The 30-unit option provides the Licensed Vocational Nurse (LVN) the opportunity to qualify for the National Council Licensure Examination (NCLEX-RN). This option is available to LVNs entering the SCC Registered Nursing Program but does not meet the requirements for an associate degree in nursing.

In addition to regular expenses such as enrollment fees, living costs, activity fees, and books, nursing students have the expense of uniforms, equipment, malpractice insurance, graduation, and licensing costs. They also are responsible for their physical examination, immunizations, background check, and drug screen, as well as transportation to and from clinical agencies for day and evening learning experiences. All enrolled students must have a current health provider America Heart Association CPR with Automated External Defibrillator (AED) card. The nursing program is a full-time rigorous course of study. In order to ensure academic success and to protect students’ health, full time employment is not advisable. It is recommended that students who must continue outside employment reduce their hours to 8-12 hours or less per week.

A 75% passing grade is mandatory in theory and clinical of each nursing course for progression in the program.

Catalog Date: June 1, 2020

Certificate Requirements

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<tr>
<th>COURSE CODE</th>
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<tbody>
<tr>
<td>BIOL 431</td>
<td>Anatomy and Physiology</td>
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<tr>
<td>BIOL 440</td>
<td>General Microbiology</td>
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<td>NURSE 308</td>
<td>LVN-RN 30-Unit Option</td>
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<tr>
<td>NURSE 437</td>
<td>Nursing in Complex and Multiple Patient Care</td>
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Total Units: 29

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Possession of a current clear and active California Licensed Vocational Nurse (LVN) license at the time of application and throughout program completion.
- Completion of a minimum of six months recent LVN work experience, preferably in the medical-surgical area.
- Completion of BIOL 431 or equivalent 4-5 semester-unit physiology course and BIOL 440 or equivalent 4 semester-unit microbiology course with a grade of “B” or better prior to enrollment in the nursing courses.
- Completion of the current curriculum planning summary sheet including the semester in which the pre-enrollment packet is being submitted.
- LIBR 307 is recommended

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Contact the Nursing department at 916-558-2345 for an appointment with the Program Director.
- Complete an application to the registered nursing program. Provide official transcripts and course descriptions of physiology, microbiology, and a previously attended licensed vocational nursing (LVN) program prior to the appointment.
- Provide proof of current California LVN licensure.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- integrate the nursing process with critical reasoning skills, in direct and indirect nursing care to meet the patient’s developmental skills and basic human needs.
- revise individualized nursing interventions to safely provide care to assist patients of all ages in need of preventative, restorative, or rehabilitative patient centered care.
- incorporate evidence-based practice, patient care standards, informatics, and critical thinking skills to enhance safety, quality improvement, and effectiveness in nursing care.
- generate therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- formulate accurate and timely documentation and reporting of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- design patient-centered teaching plans and assist patients and their families in developing self-advocacy skills necessary to maintain optimum levels of functioning and health.
- manage the nursing care for a group of patients, utilizing leadership skills, collaboration, teamwork, resource utilization, and supervision of team members consistent with their scope of practice.
- prioritize patient care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
- integrate ethical provisions, legal boundaries, and cultural competency in all areas of nursing practice.
- assess his or her own learning needs through reflective thinking and use resources to engage in continuous improvement in skills and knowledge.
Career Information

This program prepares the student for employment as an entry-level staff nurse in hospitals, physician’s offices, skilled nursing or long-term care facilities, surgery centers, ambulatory care settings, occupational health, and other related agencies. Registered nurses provide nursing care to clients and groups of clients throughout the lifespan. The State of California allows the LVN-RN 30-unit option student to be eligible for the National Council Licensure Examination (NCLEX-RN). The LVN seeking this path to RN licensure may not receive reciprocal RN licensure in other states. LVNs considering moving out-of-state are encouraged to consult with that state’s board of nursing for RN licensure requirements before committing to the 30-unit option.

Nursing, Vocational Certificate

The Vocational Nursing Program at Sacramento City College is approved by the California Board of Vocational Nursing and Psychiatric Technicians. Upon successful completion of the three-semester, 51-unit program, the student is eligible to apply for the National Licensuring Examination to qualify as a Licensed Vocational Nurse. Students enrolled in this program are required to complete nursing courses with related clinical experiences. The program issues a certificate upon completion and prepares the graduate for employment. With completion of additional requirements, an Associate in Science Degree may be achieved. In addition to regular expenses such as enrollment fees, living costs, activity fees, and books, nursing students have the expense of uniforms, equipment, malpractice insurance, graduation, and licensing costs. They are also responsible for their physical examination, immunizations, background check, and drug screen, as well as transportation to and from clinical agencies for day and evening learning experiences. All students must have a current American Heart Association Health Care Provider CPR with Automated External Defibrillator (AED).

The nursing program is a full-time rigorous course of study. In order to ensure academic success and to protect students’ health, full time employment is not advisable. It is recommended that students who must continue outside employment reduce their hours to 8-12 hours or less per week. Informational meetings are held several times each semester and provide prospective students with information on program prerequisites, enrollment process, and other facts about the program.

Recommended high school preparation: classes in biology, mathematics, and English.

Catalog Date: June 1, 2020

Certificate Requirements

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Prerequisite Courses

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<td>15 - 22</td>
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Total Units: 51 - 58

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- Complete program application and submit by due date to be considered for acceptance into the program
- 12th grade or equivalent as granted by the California State Department of Education
- BIOL 100 with a grade of "B" or better; or BIOL 430 and BIOL 431 with grades of "B" or better
- AH 110, FCS 324, NUTRI 300 or NUTRI 480, and PSYC 300 or PSYC 480 with a grade of "C" or better and a cumulative GPA of 2.5 in these four (4) courses
- ENGRD 11 for applicants who do not have an Associate Degree or higher
- In-progress grades will not be accepted for prerequisite courses. Courses taken for credit/no credit (C/NC) will be calculated into GPA's as a "C" grade.
- It is highly recommended that the student take a medical dosage calculation class prior to beginning the program.
- A grade of 75% or better is mandatory in each required course for progression in the vocational nursing program. If the clinical performance is “unsatisfactory,” the semester grade will be “F” regardless of achievement in theory.
- Completion of the Test of Essential Academic Skills (TEAS), latest version, developed by the Assessment Technologies Institute, LLC (ATI). A minimum composite score is necessary to be eligible for application to the program. Additional information is available from the SCC Nursing website at http://www.scc.losrios.edu/~nursing/
- Admission, Reentry or Transfer: please see SCC Vocational Nursing website at https://www.scc.losrios.edu/nursing/nursing-vocational/

Enrollment Process

Eligible students are selected for the program according to the following steps:

- A Los Rios Community College District student identification number is required to access the online application. Enrollment eligibility consists of successful completion of prerequisite courses in order to qualify for the random selection pool from which a class is selected. Students must reapply each semester. There is no waiting list.
- Successful completion of the online application, along with all supporting documents as stipulated on the online page, must be submitted to the Science and Allied Health Division by the posted due date.
Nursing (NURSE) Courses

NURSE 299 Experimental Offering in Nursing

Units: 0.5 - 4  Prerequisite: None.  Catalog Date: June 1, 2020

NURSE 307 LVN-RN (Associate Degree Nursing) Transition

Units: 5  Hours: 54 hours LEC; 108 hours LAB  Prerequisite: See Enrollment Limitation  Enrollment Limitation: Enrollment in the Associate Degree Nursing (Registered Nursing) program and a licensed vocational nurse (LVN)  Transferable: CSU  Catalog Date: June 1, 2020

This course is designed for the California Licensed Vocational Nurse (LVN) who is admitted for advanced placement into the second year of the Registered (Associate Degree) Nursing Program. Theory and clinical experiences are related to helping medical surgical adult and older adult patients adapt to acute and chronic pathophysiological stressors in preventative, restorative, or rehabilitative settings. Content focuses on the LVN (Licensed Vocational Nurse) transitioning into the role of the associate degree RN (Registered Nurse). The concepts of basic human needs, safety, human development, nutrition, communication, sexuality, cultural and spiritual diversity, legal and ethical aspects of nursing, pharmacology and pathophysiology, are integrated in the course. Emphasis is given to clinical decision making, critical thinking, safety, teamwork, and collaboration.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- utilize the nursing process, utilizing clinical reasoning skills, to provide safe effective nursing care to meet the needs of adult and older adult medical/surgical patient.
- plan individualized safe nursing interventions to assist adult and older adult patients in need of preventative, restorative, or rehabilitative care measures.
- detect the use of evidence-based practice, patient care standards, informatics, and critical thinking used to enhance safety and effectiveness in nursing care.
- examine therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- show accurate, timely documentation, and reporting of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- construct patient-centered teaching plans and assist patients and their families in developing self-advocacy skills necessary to maintain optimum levels of functioning and health.
- utilize leadership skills, collaboration, teamwork, and supervision of team members consistent with their scope of practice guidelines.
- correlate patient care needs, using critical thinking and time management skills to organize and provide safe nursing care in a responsible and accountable manner.
- examine ethical principles, legal boundaries, and cultural sensitivity in the registered nurse role of professional practice.
- uncover personal learning needs in the LVN-RN role transition using reflective thinking.

NURSE 308 LVN-RN 30-Unit Option

Units: 8  Hours: 72 hours LEC; 216 hours LAB  Prerequisite: See enrollment limitations.  Enrollment Limitation: Acceptance into the LVN-RN 30 unit option track and completion of BIOL 431 and BIOL 440 with grades of "B" or better.  Catalog Date: June 1, 2020

This course, designed for the LVN-RN 30 unit option student, emphasizes theory and clinical experiences related to helping patients and families adapt to complex pathophysiological and pathopsychological...
stressors. This course focuses on the care of the medical, surgical, and psychiatric nursing patient to meet his/her needs for risk reduction and optimal wellness in preventative, restorative, or rehabilitative settings. The sub-concepts integrated throughout the course include safety, human development, nutrition, sexuality, cultural and spiritual diversity, pathophysiology, pharmacology, legal and ethical principles. Course emphasis is on mental health and psychopathology, acute advanced medical and surgical content, end-of-life care, and evaluation of patient-centered outcomes. Learning experiences in the classroom, simulation lab, and clinical setting provide students the opportunity to utilize critical thinking, evidence-based practice, technology, teamwork, collaboration, clinical decision-making, and interdisciplinary communication principles in the delivery of quality nursing care.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate sufficient understanding of the course content by achieving 75% for the final grade on theory examinations and demonstrate successful completion of NURSE 308 clinical skills and objectives.
- integrate the nursing process with clinical reasoning skills, in direct and indirect nursing care, to meet the patient’s basic human needs.
- plan individualized safe nursing interventions to assist patients of all ages in need of preventative, restorative, or rehabilitative care measures.
- analyze evidence-based practice, with patient care standards, informatics, and critical thinking skills, to enhance the quality and effectiveness of nursing care.
- evaluate therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- generate accurate and timely documentation of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- develop patient-centered teaching plans and assist patients and their families in developing self-advocacy skills that are necessary to maintain optimum levels of functioning and health.
- plan nursing care for patients, using leadership skills, collaboration, resource utilization, delegation of tasks, and supervision of team members consistent with their scope of practice guidelines.
- appraise patient care needs, using critical thinking and time management skills to organize and provide safe nursing care in a responsible and accountable manner.
- incorporate ethical provisions, legal boundaries, and cultural sensitivity in all areas of nursing practice.
- formulate personal learning needs and use resources to engage in ongoing learning and improvement in skills and knowledge.

NURSE 315 Pharmacology and Implications for Nursing

This course is an introduction to the science of pharmacology and nursing. The role of the nurse in safely administering medications and evaluating the therapeutic response is emphasized. Drug classifications and their actions, interactions, and adverse effects, are specifically related to patient developmental stages and nursing professional standards.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- differentiate between pharmacokinetics, pharmacodynamics, and pharmacotherapeutics.
- analyze the significance of a drug’s onset of action, peak concentration, and duration of action.
- examine how lifespan considerations and other factors affect drug absorption, distribution, metabolism, and excretion.
- assess the various cultural and ethical factors that influence drug therapy.
- examine the legal aspects of controlled substances, informed consent, drug development, and patient education.
- differentiate between drug tolerance, drug dependence, and substance abuse.
- evaluate causative factors and symptoms of adverse drug reactions.
- formulate a framework of specific measures to prevent errors during medication administration.
- describe the nursing implications associated with each major pharmacological classification.
- investigate the implications and side effects of herbal and alternative therapies.

NURSE 325 Medical Dosage Calculations

This course prepares students to accurately calculate oral and parenteral drug dosages for medication administration. Students will learn three systems of measurement and conversion from one system to another. Basic flow rates of IV fluids will be covered. Course content will also include: 1) review of basic arithmetic operations used in dosage calculations; 2) interpretation of drug labels; 3) common medical abbreviations used in dosage calculations; 4) use of the following methods: basic formulas, ratio and proportion, fractional equation, and dimensional analysis in dosage calculations.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- accurately interpret and express metric, apothecary, and household systems.
- memorize and recall metric and household equivalents.
- convert metric weights and volumes within the system.
- convert units of measure from one system of measurement to another system of measurement.
- accurately determine the dosage strength on a medication label.
- accurately calculate the dosage of prescribed medications and intravenous infusion rates and volumes using arithmetic operations, ratio and proportions, and specific formulas.
This course provides a review of labor and delivery nursing care principles to those nurses who wish to cross train or orient into labor and delivery and receive a refresher course. Coursework includes overview of labor and delivery nursing content, such as reproductive health, preconception and inter-conception health; physiologic and psychosocial adaptation to pregnancy, process of labor and delivery (normal and complications), Cesarean birth and post anesthesia care unit, complications of pregnancy and delivery, perinatal infections, postpartum and newborn assessment and care, neonatal complications, perinatal loss and perinatal safety and risk management. The didactic portion (36 lecture hours) is designed to be taken concurrently with the hospital training (54 lab hours) in the labor and delivery unit. This course is graded as Pass / No Pass.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- verbalize understanding of essential content areas of labor and delivery nursing practice.
- apply current labor and delivery principles in the clinical setting.
- complete labor and delivery clinical activities as stipulated in the clinical training modules.

NURSE 407 Fundamentals of Health and Nursing Care

This course utilizes the conceptual framework of the curriculum (Basic Human Needs, Life Cycle Development, Health Illness Continuum, Significant Health Problems, and Stress Adaptation) to provide the foundation for the following three semesters of the program. It includes an introduction to professional nursing, its evolution, present trends and issues, legal aspects, and concepts underlying current practice. Basic principles of delegation, management, teamwork, and collaboration are introduced and integrated into appropriate content. The theory and related clinical experiences prepare the student to apply the nursing process when providing direct patient care to patients with common medical surgical problems, with a focus on basic human needs. The student is introduced to critical thinking and clinical decision-making, while using evidence-based practice to support patients' adaptive mechanisms for attaining and maintaining wellness during early, middle, and late adulthood. The sub concepts integrated throughout the course are personal hygiene, safety, nutrition, communication, human sexuality, cultural/spiritual diversity, legal/ethical aspects, pharmacology, and pathophysiology. Emphasis is given to the promotion of health and risk reduction in adults and elders in theory, clinical, and the simulation lab.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- identify concepts of the nursing process, nutrition, and human development in direct and indirect nursing care of the selected medical/surgical adult and older adult patients experiencing significant health problems.
- implement safe standard nursing interventions to assist adult and older adult patients in need of preventative, restorative, or rehabilitative patient centered care, meet their basic human needs, and promote homeostasis with licensed supervision.
- identify evidence-based practice, patient care standards, informatics, and critical thinking skills to enhance safety, quality improvement, and effectiveness in nursing care.
- express therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- demonstrate accurate and timely documentation of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- describe patient-centered care and assist patients and their families in developing self-advocacy skills that are necessary to maintain optimum levels of wellness.
- describe the nursing care for one patient that demonstrates leadership skills, collaboration, and teamwork.
- recognize patient-centered care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
- identify ethical provisions, legal boundaries, and fundamental aspects of cultural competency in planning individualized nursing care measures.
- identify individual learning needs through reflective thinking, and use resources to engage in continuous improvement in skills and knowledge.

NURSE 417 Nursing and Health Maintenance Through the Lifecycle

This course continues integration of the conceptual framework of the curriculum (Basic Human Needs, Life Cycle Development, Health Illness Continuum, Significant Health Problems, and Stress Adaptation). The second semester provides theory and clinical experiences for medical surgical, pediatric, and maternal-child patients in need of preventative, restorative, or rehabilitative nursing care, in acute, home, or community settings. Content focuses on application of patient-centered care and health promotion principles to prevent illness and achieve optimum wellness. There is emphasis on the utilization of the nursing process, critical thinking, evidence-based practice, safety, life cycle development, nutrition, communication, human sexuality, cultural/spiritual diversity, self-advocacy, legal/ethical aspects, quality improvement, teamwork and collaboration, pharmacology, and pathophysiology. Learning experiences provide students with opportunities to acquire new clinical skills, develop clinical judgment, use reflective practice, and apply previously learned concepts and principles in a variety of settings including the classroom, clinical, and simulation lab.
Upon completion of this course, the student will be able to:

- implement the nursing process, utilizing clinical reasoning skills to provide safe effective nursing care to meet the needs of medical/surgical, pediatric, and maternal-child patients.
- implement individualized nursing interventions with guidance to assist medical/surgical, pediatric, and maternal-child patients in need of preventative, restorative, or rehabilitative patient-centered care.
- demonstrate the use of evidence-based practice, patient care standards, informatics, and critical thinking in the delivery of technical skills, which enhance safety, quality improvement, and effectiveness in nursing care.
- implement therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- complete accurate and timely documentation and reporting of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- deliver patient-centered teaching plans and assist patients and their families in developing self-advocacy skills that are necessary to maintain optimum levels of functioning and health.
- describe the nursing care for a patient that utilizes leadership skills, collaboration, teamwork, resource utilization, and supervision of team members consistent with their scope of practice guidelines, with minimal guidance.
- identify patient care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
- implement ethical principles, legal boundaries, and cultural sensitivity in all areas of nursing practice.
- implement personal learning needs through reflective thinking and use resources to engage in continuous improvement in skills and knowledge.

NURSE 427 Nursing Complex Health Problems Through the Life Cycle

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- integrate the nursing process with clinical reasoning skills, in direct and indirect nursing care, to meet the patient’s basic human needs.
- plan individualized safe nursing interventions to assist patients of all ages in need of preventative, restorative, or rehabilitative care measures.
- analyze evidence-based practice, with patient care standards, informatics, and critical thinking skills, to enhance the quality and effectiveness of nursing care.
- evaluate therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- generate accurate and timely documentation of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- develop patient-centered teaching plans and assist patients and their families in developing self-advocacy skills that are necessary to maintain optimum levels of functioning and health.
- plan nursing care for patients, using leadership skills, collaboration, resource utilization, delegation of tasks, and supervision of team members consistent with their scope of practice guidelines.
- appraise patient care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
- incorporate ethical provisions, legal boundaries, and cultural sensitivity in all areas of nursing practice.
- formulate personal learning needs and use resources to engage in ongoing learning and improvement in skills and knowledge.

NURSE 437 Nursing in Complex and Multiple Patient Care

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- integrate the nursing process with clinical reasoning skills, in direct and indirect nursing care, to meet the patient’s developmental and basic human needs.
- revise individualized nursing interventions to safely provide care to assist adult and older adult patients in need of preventative, restorative, or rehabilitative patient-centered care.
- incorporate evidence-based practice, patient care standards, informatics, and critical thinking to enhance safety, quality improvement, and effectiveness of nursing care.
- generate therapeutic, respectful, and caring communication with patients and families, while promoting collegiality with peers and colleagues.
- formulate accurate and timely documentation and reporting of patient assessments, interventions, progress, and outcomes of care in the written and electronic medical record.
- design patient-centered teaching plans and assist patients and their families in developing self-advocacy skills necessary to maintain optimum level of functioning and health.
● Manage nursing care for a group of patients, utilizing leadership skills, collaboration, teamwork, resource utilization, and supervision of team members consistent with their scope of practice.
● Prioritize patient care needs, using critical thinking and time management skills, to organize and provide safe nursing care in a responsible and accountable manner.
● Integrate ethical principles, legal boundaries, and cultural competency in all areas of nursing practice.
● Assess individual learning needs through reflective thinking and use resources to engage in continuous improvement in skills and knowledge.

NURSE 499 Experimental Offering in Nursing

<table>
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<th>Units:</th>
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<tbody>
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<td>Prerequisite:</td>
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</tr>
<tr>
<td>Transferable:</td>
<td>CSU</td>
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<tr>
<td>Catalog Date:</td>
<td>June 1, 2020</td>
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Vocational Nursing (VN) Courses

VN 120 Meeting Adult Basic Health Needs

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<tr>
<th>Units:</th>
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<tbody>
<tr>
<td>Hours:</td>
<td>108 hours LEC, 324 hours LAB</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>See Enrollment Limitations</td>
</tr>
<tr>
<td>Enrollment Limitation:</td>
<td>BIOL 100 with a grade of &quot;B&quot; or better; or BIOL 430 and BIOL 431 with grade of &quot;B&quot; or better; AH 110, FCS 324, NUTRI 300 or NUTRI 480, and PSYC 300 or PSYC 480 with a grade of &quot;C&quot; or better and a cumulative GPA of 2.5 in these four (4) courses. ENGRD 11 with a grade of &quot;C&quot; or better if applicant does not have an AA Degree or higher; and, acceptance into the Vocational Nursing Program.</td>
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<td>Catalog Date:</td>
<td>June 1, 2020</td>
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This course is an orientation to Vocational Nursing and the role of the Vocational Nurse within the health care team, including historical, ethical, and legal aspects. Theory and practice introduce the nursing process and related concepts of basic human needs, life-cycle development, health-illness continuum, and major health problems related to cardiovascular, respiratory, nutrition-elimination, mobility, hormonal disturbances, and surgical interventions. Fundamental skills and responsibilities involved in patient care, including medication administration, principles of communication, health teaching, cultural diversity, and human sexuality are included. Emphasis is on assessment of patient needs and basic nursing interventions for adults of all ages.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

● Apply the nursing process to complete assessments, document patient problems, and appropriate nursing interventions, for the adult and geriatric patient.
● Discuss the nursing care of the patient as related to psychosocial, cultural, religious, and sexual needs of patients.
● Implement nursing measures and procedures utilizing scientific principles to meet patients' basic human needs.
● Utilize principles of safety, mathematics, and pharmacology in administration of oral and parenteral medications.
● Apply nursing knowledge when caring for the medical-surgical adult and geriatric patient with decreased mobility, sensory deficits, and nutritional alterations.
● Utilize therapeutic communication with patients, family members and health care providers.
● Collaborate with health team members to provide patient-centered teaching.
● Demonstrate the ability to function within the ethical guidelines and behavioral parameters as identified in the Vocational Nurse Practice Act.
● Demonstrate understanding of problem statements formulated and written by the Registered Nurse.
● Consistently demonstrate the ability to be prepared for clinical assignments by researching patient diagnosis and standards of care utilizing principles presented in support science courses.
● Report and record patient assessments and nursing actions in paper chart or electronic medical record.

VN 130 Meeting Health Needs of All Age Groups

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<tr>
<td>Hours:</td>
<td>108 hours LEC, 324 hours LAB</td>
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<tr>
<td>Prerequisite:</td>
<td>VN 120 with a grade of &quot;C&quot; or better</td>
</tr>
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<td>Enrollment Limitation:</td>
<td>Enrollment in the Vocational Nursing program</td>
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<td>Catalog Date:</td>
<td>June 1, 2020</td>
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Students apply theory in utilizing the nursing process to meet the needs of: 1) adult patients with major health problems related to more complex regulatory, cardio-vascular/respiratory, and reproductive disturbances; 2) mothers during the maternity cycle and newborns; 3) hospitalized children of various ages. Emphasis is on increasing independence in the implementation of care of the patient. Focus is also directed at enhancing the contribution of data to the care plans under the supervision of the Registered Nurse. Concepts and principles related to legal and ethical aspects of nursing care, communications, health teaching, cultural diversity, and human sexuality are applied in a variety of clinical settings and with patients of all ages.

Student Learning Outcomes

Upon completion of this course, the student will be able to:

● Implement the nursing process to complete assessments, collect data and identify patient problems and potential problems.
● Apply knowledge regarding mothers and newborns to implement supervised nursing measures and technical procedures that meet the health needs during the prenatal period, labor, delivery, and postpartum periods.
● Apply knowledge regarding health needs of children of various ages, including principles of growth and development to implement nursing measures and technical procedures that meet the health needs of ambulatory and hospitalized children with common health problems.
● Apply knowledge regarding health needs of adults with reproductive, perioperative, cardio-vascular, respiratory, and regulatory disorders to implement nursing measures and technical procedures.
● Implement therapeutic communication techniques to achieve health related goals in hospitals or outpatient settings.
● Recognize patient needs for basic health teaching and assist health team members as indicated.
● Function within the legal and ethical guidelines and behavioral parameters as identified in the Vocational Nurse Student Handbook, the Vocational Nursing 130 Course Outline, and the Vocational Nurse Practice Act.
demonstrate the ability to prioritize patient problems, formulated by the Registered Nurse, which are validated by assessment data.
prepare for clinical assignments by researching patient diagnosis, basic lab values, nursing care, medications, and treatments.
administer medications and perform nursing procedures based on scientific principles.
recognize the signs and symptoms of increased anxiety in patients and facilitate anxiety reduction.
utilize self-direction in problem solving during implementation of nursing care.
review results of nursing actions in relation to desired outcome and patient satisfaction.
assume responsibility for own actions and omissions during clinical laboratory experiences.

VN 140 Meeting Complex Adult Health Needs

**Units:** 12  
**Hours:** 108 hours LEC; 324 hours LAB  
**Prerequisite:** VN 130 with a grade of "C" or better  
**Enrollment Limitation:** Enrollment in the Vocational Nursing program  
**Catalog Date:** June 1, 2020

Students apply theoretical concepts in utilizing the nursing process to meet the needs of adult patients of all ages with major health problems related to more complex regulatory, elimination, cardiovascular/respiratory, and nutritional disorders. Emphasis is on understanding all steps of the nursing process and identifying the role of the Vocational Nurse as it relates to the nursing process. Principles related to legal and bio-ethical aspects, communication, health teaching, cultural diversity, and human sexuality are included. Management principles, the Vocational Nursing Practice Act, professional organizations, resume writing, and job search are presented.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- utilize the nursing process to complete patient assessments, organize assessment data, identify patient problems, report findings to the Registered Nurse, and demonstrate understanding of formulated problem statements (nursing diagnosis) and the plan of care.
- utilize knowledge regarding health needs of adults with more complex regulatory, cardiovascular, respiratory, nutritional, and elimination disorders to implement nursing measures and technical procedures for patients.
- utilize nursing knowledge to provide basic health education when assisting patients in attaining and/or maintaining their optimum level of health.
- apply principles of effective communication with patients and co-workers to achieve health related patients’ and/or organizational goals.
- demonstrate the ability to function with accountability within the legal boundaries and ethical standards as identified in Vocational Nursing 140 and the Vocational Nursing Practice Act.
- utilize principles of theory and practice to manage nursing care for patients in non-acute health care settings and outpatient ambulatory settings.
- demonstrate the ability to recall learning experiences and assess the need for their own professional development.

VN 150 Intravenous Therapy and Blood Withdrawal

**Units:** 1.5  
**Hours:** 27 hours LEC; 9 hours LAB  
**Prerequisite:** VN 130 with a grade of "C" or better; or current LVN license.  
**Catalog Date:** June 1, 2020

This course will provide the student with the knowledge and skills to start and superimpose intravenous fluids and withdraw blood. The course meets the requirements of the Board of Vocational Nursing and Psychiatric Technicians for Licensed Vocational Nurses to become certified in IV therapy and blood withdrawal.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- identify indications for blood therapy.
- identify types of IV fluids.
- identify reasons for IV therapy administration.
- define hazards associated with IV therapy and blood withdrawal.
- describe related nursing actions in the performance of IV therapy administration and blood withdrawal.
- calculate IV flow rates.
- perform venipunctures.
- interpret legal requirements for the licensed vocational nurse to perform IV therapy and blood withdrawal.

VN 299 Experimental Offering in Vocational Nursing

**Units:** 0.5 - 4  
**Prerequisite:** None.  
**Catalog Date:** June 1, 2020

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Health and Health Professions

/academics/meta-majors/health-and-health-professions

This program is part of the Health and Health Professions meta major.