Nursing

Nursing, Registered

Program Description
The Registered Nursing Program at Solano Community College is a 2-year Associate Degree Program fully accredited by the State Board of Registered Nursing and is subject to its regulations regarding the education and training of nurses. Successful completion of the program qualifies the student to take the National Council Licensure Examination (NCLEX) to become a Registered Nurse. The practice of nursing requires knowledge of the biological, behavioral, and physical sciences, as well as knowledge of, and the ability to speak, to read, and to write the English language proficiently. This program follows the policy of non-discrimination set forth by the Governing Board of Solano Community College.

Associate in Science Degree
The Associate in Science Degree is awarded upon successful completion of the major and general education requirements. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes
Students who complete an Associate Degree will be able to:
1. Qualify for state licensure as a registered nurse by achieving a passing score on the National Council Licensure Examination for registered nurses (NCLEX-RN).
2. Synthesize principles of the nursing process and critical thinking to assist individuals, families and communities to achieve positive adaptation to change in health or a peaceful death.
3. Integrate evidenced based concepts of nursing practice across the health care continuum to ensure quality patient centered care.

Program Requirements and Courses
All courses taken toward the Registered Nursing Degree must be completed with a letter grade of C or better.

Students are encouraged to attend a Registered Nursing Information Workshop prior to seeing a counselor individually. These workshops provide a basic understanding of the nursing program and the requirements for application. After attending the Nursing Information Workshop students planning to major in Nursing should make an appointment with a counselor for assistance in developing an education plan.

Admission Procedures
Prerequisites
All courses taken toward the Registered Nursing Degree must be completed with a letter grade of C or better. To be eligible to apply to the Registered Nursing Program, students must have completed the following four prerequisites.
Please note that these courses may also have prerequisites:
- ENGL 001 College Composition (3 units)
- BIO 004 Human Anatomy (5 units)
- BIO 005 Introductory Physiology (5 units)
- BIO 014 Principles of Microbiology (4 units)

NOTE: No online Anatomy, Physiology, or Microbiology courses will be accepted.
You must achieve a composite score of 73 or above to qualify for the waiting list. Composite score is determined by a combination of: (a) overall college GPA, (b) English GPA, (c) core Biology (Anatomy, Physiology & Microbiology) GPA, and (d) core Biology course repetitions.

Other required courses in the Nursing Major include
- NUTR 010 Nutrition (3 units)
- CDFS 070 Lifespan Human Development (3 units)
- NURS 052 Pharmacology (3 units)
- PSYC 001 General Psychology (3 units)

OR
- SOCS 022 Minority Group relations (3 units)
- COMM 001 or approved communications class. It is also highly recommended that English 062 or the College reading requirement be met prior to entering the program as well as all SCC Local District General Education requirements.
Application Steps:

1. Letter grades of at least “C” or better must be officially posted to a transcript to verify COMPLETION of the following prerequisite courses in order to apply for the RN Waitlist.

   - ENGL 001 College Composition
   - BIO 004 Human Anatomy w/Lab (4 semester units minimum)
   - BIO 005 Physiology w/Lab (4 semester units minimum)
   - BIO 014 Microbiology w/Lab (4 semester units minimum)

   Note: No ONLINE Anatomy, Physiology, or Microbiology courses will be accepted.

2. APPLY for admission to SCC online at www.solano.edu (if not already a current/continuing student).

3. We RECOMMEND that you attend a RN Information Workshop
   For the RN Information Workshop schedule go to www.solano.edu (Click the A-Z index, then “N” for Nursing)

4. APPLY in person at the Admissions and Records (A&R) Office located in the 400 Building at the Fairfield Main Campus (Monday – Thursday 9am – 3pm)

   PLEASE BRING
   1. Your California Driver’s License or photo ID.
   2. OFFICIAL transcripts in sealed, unopened envelopes from ALL colleges, universities, or educational institutions EVER attended, except Solano. (Transcripts must be hand carried.)
   3. New, current transcripts are required even if transcripts were submitted prior to submitting the application in person.

   Note: We need ALL transcripts
   Even if you did not complete any of the ADN (Associate’s Degree in Nursing) required classes at the other institutions you attended, we still need the transcript. Even if you feel the courses taken do not relate to our Nursing Program, we still need ALL transcripts.

   FAILURE TO LIST ALL COLLEGES OR UNIVERSITIES, AND SUBMIT ALL TRANSCRIPTS, WILL VOID THIS APPLICATION.

5. WAIT 90 BUSINESS DAYSDuring this time, A&R will evaluate your transcripts and calculate your overall RN Composite Score. Students must earn a score of 73 or above to qualify for the waitlist. DO NOT CONTACT A & R FOR YOUR RESULTS. At the end of the 90 days, you will receive a letter by mail from the School of Health Sciences with your results.
   IMPORTANT: Completion timeline may be extended beyond 90 days depending on volume of applications received.

6. Once on the waitlist, you will be invited to take the TEAS V test and you must earn a 62 or higher.
   For more information, see: https://www.atitesting.com/Solutions.aspx. You will also be required to meet with a Counselor once you have been on the waitlist one year to review ADN degree requirements.

*International college or university transcripts are also required, but may be unofficial photo copies along with an official international evaluation service summary in a sealed, unopened envelope from an approved credential evaluation service** and must include:
   • A detailed report which distinguishes lower division from upper division courses
   • A-F letter grade values
   • Course descriptions for any RN science prerequisites (Anatomy, Physiology, Microbiology) that were completed at an international institution.

**A list of acceptable evaluation service companies is available from A&R.

NOTE: Dishonest or unethical conduct during the application process may lead to disqualification of the application.

Prior to First Class Meeting, Students Accepted into the Nursing Program Must Have:

1. Physical examination indicating physical fitness and freedom from illness with required immunizations.
2. Cardiopulmonary Resuscitation (CPR) for Health Care Providers card.
3. Attended a mandatory orientation meeting with nursing faculty to be arranged by Health Sciences.
4. Taken the reading assessment test or have met the reading requirement for graduation.
5. Provided a clear criminal background check and drug screen.
6. Achieved a score of 62 or greater on the TEAS V test.
Nursing

Retention in Program:
1. Students are required to undergo criminal background checks and drug screens. Health Sciences may be unable to place students in a clinical setting if they have a positive criminal background check or drug screen; therefore, the student may be dropped from the nursing program.
2. If a student’s conduct poses potential harm to the well-being of clients or is disruptive to the classroom or lab environment, the student may be terminated from the nursing program.
3. If a student’s physical or emotional health appears to be such that he or she cannot meet the objectives of the program in nursing, the student may be asked to leave the nursing program.
4. In order to remain in the program and to graduate, a student must maintain a letter grade of C or better in the theory and the clinical portions of the nursing program.
5. Maintain current CPR, TB screening, clear criminal background check and drug screen.

In accordance with state law, the California Board of Registered Nursing (BRN) may deny licensure to an individual for crimes substantially related to the practice of nursing. Upon acceptance to the nursing program, any student who has had a conviction related to sex crimes, drug crimes (including DUI) and crimes of violence may need to contact the BRN regarding his/her status.

REQUIRED COURSES .......................... Units
Nursing courses must be taken in sequence because one course is prerequisite to another.
NURS 058 Mediated Skills Development ............ 0.5 - 1.5
(Concurrent enrollment in NURS 058 is required for each of the following Nursing courses except NURS 052 & 065.)

First Year Courses ............................ Units
NURS 050A Fundamentals of Nursing ............... 5
NURS 050B Basic Human Needs ..................... 6
HUDV 070 * Lifespan Human Development ........ 3
NUTR 010 * Nutrition ................................ 3
NURS 052 * Pharmacology for Nursing ............ 3
NURS 054 Maternal-Child Nursing .................. 5
NURS 055 Nursing of Adults I ....................... 5
PSYC 001 ** Introduction to Psychology ............ 3
OR
SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict ........ 3
*Course must be completed prior to entry into NURS 054
**Course must be completed prior to entry into NURS 060/061

Second Year Courses
NURS 060 Nursing of Adults II /
Medical-Surgical Nursing ......................... 5
NURS 061 Psychiatric and Mental Health Nursing .. 5
NURS 063 Advanced Medical Surgical and Community Nursing .................... 7
NURS 064 Issues and Leadership in Health Care Today ......................... 2
NURS 065 Role Transition in Practice .............. 2.5

Concurrent Courses
The following courses are required for graduation and must be completed prior to entering the fourth semester of the Nursing Program, as the fourth semester schedule does not accommodate the scheduling of other courses.
ENGL 062 Analytical Reading ....................... 3
OR
meet the reading requirement
Communications course other than ENGL 001 ....... 3

Some courses may not be offered. Please contact the Dean of Health Sciences for alternate courses if necessary.
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Career Mobility
The Career Mobility Program at Solano Community College provides an opportunity for qualified licensed vocational nurses to be admitted with advanced placement into the Registered Nursing program. This program is designed to prepare technically competent nurses for service in the community. The curriculum includes study in general education, biophysical and social science courses. Principles derived from academic study are applied to the practice of nursing. The nursing major is comprised of lecture-discussion classes on campus and client care laboratory experience in agencies within the community. Nursing preparation includes the care of adults and children in medical, surgical, psychiatric and community settings. This program is accredited by the California Board of Registered Nursing.

Program Requirements and Courses
Students are encouraged to attend a Registered Nursing Information Workshop prior to seeing a counselor individually. These workshops provide a basic understanding of the nursing program and the requirements for application. After attending the Nursing Information Workshop students planning to major in Nursing should make an appointment with a counselor for assistance in developing an education plan.

Program Information
Licensed vocational nurses have two career mobility options:

Associate Degree Option:
Applicants must complete prerequisites for the nursing program, science courses and the general education requirements for the Associate Degree. By choosing this option:
• You would complete a total of 49 to 52 units toward the 60 units required for the Associate Degree.
• You would be a graduate of an accredited ADN program.
• You would be eligible for RN licensure by endorsement in other states.

Prerequisites
To be eligible to apply to the Career Mobility Program Associate Degree Option, students must have completed:
• ENGL 001 - College Composition (3 units)
• BIO 004 - Human Anatomy (5 units)
• BIO 005 - Introductory Physiology (5 units)
• BIO 014 - Principles of Microbiology (4 units)
• NUTR 010 - Nutrition (3 units)
• CDFS 070 - Lifespan Human Development (3 units)
• NURS 052 - Pharmacology for Health Care Professionals I (3 units)
• PSYC 001 - Introduction to Psychology: Individual & Social Processes (3 units)

OR
• SOCS 022 - Ethnic, Racial, and Minority Group Relations in Harmony and Conflict (3 units)

NOTE: All courses required for graduation should be completed prior to entering the fourth semester of the Nursing Program, as the fourth semester schedule does not accommodate the scheduling of other courses. It is highly recommended that ENGL 062 or the college reading requirement be met prior to entering the program.

Thirty-Unit Option:
By choosing this option:
• You would complete a total of 29-30 units.
• You would not be a graduate of an Associate Degree Program.
• You would not be a graduate of the Solano College Nursing Program and may not wear the school pin.
• You would be eligible for licensure in California and may not be eligible for licensure in other states.

Prerequisites
• BIO 005 - Introductory Physiology (5 units)
• BIO 014 - Principles of Microbiology (4 units)

You must achieve a composite score of 73 or above to qualify for the waiting list. Composite score is determined by a combination of: (a) overall college GPA, (b) English GPA, (c) core Biology (Anatomy, Physiology & Microbiology) GPA, and (d) core Biology course repetitions.
Application Steps

1. In order to apply to the LVN-RN Waitlist, letter grades of at least “C” or better must be officially posted to a transcript to verify COMPLETION of the following EIGHT prerequisite courses.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENGL 001 College Composition</td>
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<tr>
<td>BIO 004 Human Anatomy w/Lab (4 sem. units minimum)</td>
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<tr>
<td>BIO 005 Physiology w/Lab (4 sem. units minimum)</td>
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<tr>
<td>BIO 014 Microbiology w/Lab (4 sem. units minimum)</td>
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<tr>
<td>ENTR 010 Nutrition</td>
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<tr>
<td>CDFS 070* Lifespan Human Development</td>
</tr>
<tr>
<td>NURS 052 Pharmacology</td>
</tr>
<tr>
<td>PSYC 001 or SOCS 022 Ethnic Race Relations</td>
</tr>
</tbody>
</table>

   **NOTE:** NO ONLINE ANATOMY, PHYSIOLOGY, OR MICROBIOLOGY COURSES WILL BE ACCEPTED

2. APPLY for admission to SCC online at www.solano.edu (if not already a current/continuing student).

3. WE HIGHLY RECOMMEND THAT YOU ATTEND A RN INFORMATION WORKSHOP

   For the RN Information Workshop schedule, go to www.solano.edu (Search for Nursing in the A-Z index)

4. APPLY IN PERSON at the Counseling Office located in the 400 Building at the Fairfield Main Campus (Monday-Thursday 8:30-6:00, Friday 8:30-3:00)

   **PLEASE BRING:**
   1. Your California Driver’s License or photo ID.
   2. OFFICIAL TRANSCRIPTS in sealed, unopened envelopes from ALL colleges, universities, or educational institutions EVER attended, except Solano. (Transcripts must be hand carried. New, current transcripts are required even if transcripts were submitted prior to submitting the application in person.)

   **Note:** We need ALL transcripts

   Even if you did not complete any of the ADN (Associate’s Degree in Nursing) required classes at the other institutions you attended, we still need the transcript. Even if you feel the courses taken do not relate to our Nursing Program, we still need ALL transcripts.

   Failure to list ALL colleges or universities, and submit ALL transcripts, will VOID this application.

5. WAIT 90 BUSINESS DAYS. During this time, Admissions and Records (A&R) will be evaluating your transcripts and calculating your overall RN Composite Score. Students must earn a score of 73 or above to qualify for the waitlist. Do not contact A&R for your results. IMPORTANT: Completion timeline may be extended beyond 90 days depending on volume of applications received.

6. AFTER 90 BUSINESS DAYS RETURN IN PERSON OR CALL the Counseling Office (707-864-7101) to schedule a one-hour “LVN-RN Referral Appointment.” This is your responsibility.

   Your Application will be complete only after you have met with a counselor for your Referral.

7. ATTEND THE SCHEDULED LVN-RN REFERRAL APPOINTMENT. During your counseling appointment, the counselor will review and post all completed pre-Major and General Education requirements, and list the remaining required courses for you to graduate from Solano Community College. You will then receive a wait list number by mail from the School of Health Sciences.

8. Once on the waitlist, you will be invited to take the TEAS V Test and you must earn a 62 or higher.

   For more information, see: https://www.atitesting.com/Solutions.aspx

   **NOTE:** Dishonest or unethical conduct during the application process may lead to disqualification of the application.
Other Requirements

- Upon admission to the program, students are required to enroll in NURS 159 during the next session.

Prior to First Class Meeting, Students Must Have:

1. Physical examination indicating physical fitness and freedom from illness with required immunizations.
2. Cardiopulmonary Resuscitation (CPR) for Health Care Providers card.
3. Attended an orientation meeting with nursing faculty to be arranged by Health Sciences.
4. Taken the reading assessment test or have met the reading requirements for graduation.
5. Provide a clear criminal background check and drug screen.
6. Achieved a score of 67 or greater on the TEAS V test.

Retention in Program:

1. Students are required to undergo criminal background checks and drug screens. Health Sciences may be unable to place students in a clinical setting if they have a positive criminal background check or drug screen; therefore, the student may be dropped from the nursing program.
2. If a student’s conduct poses potential harm to the well-being of clients or is disruptive to the classroom or lab environment, the student may be terminated from the nursing program.
3. If a student’s physical or emotional health appears to be such that he or she cannot meet the objectives of the program in nursing, the student may be asked to leave the nursing program.
4. In order to remain in the program and to graduate, a student must maintain a grade of C or better in the theory and the clinical portions of the nursing program.
5. Maintain current CPR, TB screening, clear criminal background check and drug screen.

In accordance with state law, the California Board of Registered Nursing (BRN) may deny any license to an individual for crimes substantially related to the practice of nursing. Upon acceptance to the nursing program, any student who has had a conviction related to sex crimes, drug crimes (including DUI) and crimes of violence may need to contact the BRN regarding his/her status.

Certified Nursing Assistant
Job-Direct Certificate

The required courses must be completed with a grade of C or better.

**REQUIRED COURSES** ............................. Units
NURS 200 Certified Nursing Assistant/ Home Health Aide ............................. 6
**Total Units** ............................. 6

Emergency Medical Technician I
Job-Direct Certificate

The required courses must be completed with a grade of C or better.

**REQUIRED COURSES** ............................. Units
EMT 112 Emergency Medical Technician (Basic) ............................. 7
**Total Units** ............................. 7
Emergency Medical Technician I

EMT 112 7 Units
Emergency Medical Technician (Basic)
Prerequisite: EMT 128 with a minimum grade of C.
Course Advisory: Minimum standards: Eligibility for English 001 and SCC minimum MATH standard. Based on state Emergency Medical Services Association regulations, the goal of the EMT (Basic) course is to acquire essential assessment & treatment skills for the delivery of prompt, efficient & safe pre-hospital emergency patient care. Application of these emergency care skills can minimize the risk of permanent disability to an individual. The course has lecture/discussion sessions & skills practice time. Students will attend a combined minimum of twenty-four (24) hours of observation time with an emergency department and an ambulance service. This clinical experience must include a minimum of ten (10) documented patient contacts wherein a patient assessment and other EMT skills are performed. Students successfully completing the course are eligible to take the National Registry Emergency Medical Technician (Basic) Exam as required by the state of California for certification. Certification enables students to qualify for employment with ambulance services, fire, or rescue services, search & rescue crews, ski patrol or related pre-hospital emergency care positions. NOTE: By law, applicants for certification must be at least 18 years of age. Students must present current Basic Life Support for Healthcare Providers course completion card at the orientation meeting in order to enroll in the course. Five hours lecture and six hours activity.

EMT 128 3 Units
Emergency Medical Responder
Course Advisory: SCC minimum English and Math standards. Provides the student with the basic emergency care procedures for sick and injured victims as a first responder including but not limited to: cuts, abrasions, broken bones, trauma injuries, burns and respiratory/cardiovascular emergencies. Five hours lecture and three hours lab (8 week course).

Emergency Medical Technician (Basic) Refresher

EMT 213 1 Unit
Emergency Medical Technician (Basic) Refresher
Prerequisite: EMT 212 or equivalent or previous EMT 213.
Course Advisory: SCC minimum English and Math standards. Consists of review and update of EMT 212 course content and focuses on ‘hands-on’ practice of all pre-hospital emergency skills, meeting the education requirements for EMT renewal. Topics and skills include: legal issues (including HIPAA), trauma, triage, use of airway/ventilation equipment with CPR, automated external defibrillation (AED), patient exam (medical & trauma), assessments and treatments for breathing, cardiovascular, neurologic, musculoskeletal, soft tissue injury, childbirth & environmental emergencies. Students apply assessments and treatments during pre-planned patient care skills scenarios to meet EMSA requirements for skills verification. May repeat every 1-2 years, ad infinitum (as stipulated by EMSA regulations for EMT I refresher and renewal). Four and one half hours lecture, four and one half hours activity (3 week course).

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NURS 050A 5 Units
Fundamentals of Nursing
Corequisite: NURS 058A. Prerequisite: ENGL 001, BIO 004, BIO 005, BIO 014, with grade of C or better; current CPR for Healthcare Providers, current physical exam, immunizations and background check with drug screen. Authorization to enter RN program. Course Advisory: Basic Computer navigation skills and frequent internet access is required. Introduction to the principles of nursing to meet needs common to all individuals. Utilizing the concept of homeostasis and communications theory, the student will study stressors affecting the patient’s position on the wellness-illness continuum. The nursing process will be introduced, utilized and applied at the beginning level. The basis of the nurse-patient relationship will be explored. Clinical assignments, self-study modules and small group seminars will be offered concurrently with theory. Internet access required. Eight hours lecture, six hours lab (8 week course).
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NURS 050B  6 Units
Basic Human Needs
Corequisite: NURS 058A Prerequisite: NURS 050A with grade of C or better. Course Advisory: Basic Computer navigation skills and frequent internet access is required. This course is an introduction to the demands for increased care that are necessitated by deviations in health in the adult. Emphasis is placed on the basic human needs of activity and rest, oxygenation, fluid and electrolytes, nutrition, comfort, and elimination. Also included in the course are gerontology, nursing process, oral and injectable medication administration, wound care, and care of the adult perioperative patient. Clinical assignments, self-study modules and seminar will be offered concurrently with theory. Internet access required. Seven lecture hours and fifteen lab hours (8 week course).

NURS 052  3 Units
Pharmacology for Nursing
Prerequisite: BIOSC 5 with a grade of C or better. Course Advisory: SCC minimum English and Math standards. Nursing or Pre-nursing Students. Basic Computer navigation skills and frequent internet access is required. This course is designed to focus on nursing pharmacology by presenting a firm theoretical foundation. The course presents general principles, theories, and facts about medicinal agents. General characteristics of major classifications of medications are discussed. Specific information regarding action, dosage, side effects, adverse reactions and contraindications of selected medications within each classification is addressed. Practical information is presented on how the nursing process is integrated with pharmacology. Specific drug information is discussed in relation to assessment, client monitoring, interventions, client education, and evaluation of safe and effective drug therapy. Three hours lecture.

NURS 054  5 Units
Maternal-Child Nursing
Corequisite: Concurrent enrollment in NURS 058B. Prerequisite: NURS 050A & 050B, NURS 052, NUTR 010, and HUDV 070 with grades of C or better. Course Advisory: Basic Computer navigation skills and frequent internet access is required. A family centered course with emphasis on nursing care of women and children. The focus includes the antepartal, intrapartal, postpartal, neonatal and pediatric client, both sick and well. This course provides students the opportunity to synthesize and utilize nursing knowledge and skills in providing care to clients in a variety of settings. Concepts of homeostasis, communication, and growth and development are integrated throughout the course. The nursing process is utilized with concepts of legal aspects, pharmacology, clinical skills, safety and asepsis, crisis intervention, health teaching, and self-evaluation. Clinical assignments and self-study modules are offered concurrently with theory. This course must be completed successfully with a grade of C or better to advance in the nursing program. Five hours lecture, fifteen hours lab (8 week course).

NURS 055  5 Units
Nursing of Adults I
Corequisite: Concurrent enrollment in NURS 058B or 058E. Prerequisite: Completion of NURS 050A & 050B, NURS 052, NUTR 010, and HUDV 070 with grades of C or better. Course Advisory: Basic Computer navigation skills and frequent internet access is required. Covers the theory and practice of nursing necessary to assist the adult in meeting selected health care needs. Emphasis is placed on the client experiencing health alterations in the musculoskeletal, respiratory, cardiovascular and gastrointestinal systems. The concepts of safety, communication, clinical decision making, asepsis, pharmacology, legality, ethics, health teaching and self-evaluation are integrated throughout the course. Issues related to culture, developmental level and sexuality are considered, as nursing care is individualized to the client. Skill modules and clinical experiences are offered concurrently with theory. Five hours lecture, fifteen hours lab (8 week course).
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<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Corequisites Details</th>
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<tbody>
<tr>
<td>NURS 058A</td>
<td>Skills Lab I</td>
<td>1</td>
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<td>Corequisite: NURS050A with a minimum grade of C. Concurrency. Course Advisory: Basic Computer navigation skills and frequent internet access is required.</td>
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<td>This is a 1.0 unit course that is required for students who are enrolled in the first semester of the nursing program. Students will participate in basic skills and introduction to simulations that involve group, peer and instructor evaluations. Students have the opportunity to practice and employ the required knowledge, skills and attitudes of a Registered Nurse through the use of the nursing process and QSEN standards for each course throughout the curriculum. Students are required to demonstrate competency in the required skills modules as well as participation in human patient care simulation scenarios by the end of the semester. Major modules that are instructor moderated include: applying a dry, sterile dressing, administering enteral feedings, administering and managing primary intravenous line therapy and insertion, irrigation and discontinuing a nasogastric tube. Other peer evaluated skills include application of cold/heat therapy, use of compression devices, incentive Students are required to purchase a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. This is a Pass/No Pass Course. Three hours lab.</td>
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<tr>
<td>NURS 058B</td>
<td>Skills Lab II</td>
<td>1</td>
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<td>Corequisite: NURS 055 or enrollment in NURS 054 - Concurrency. Prerequisite: NURS 058 or Successful completion of NURS 058A. Course Advisory: Basic Computer navigation skills and frequent internet access is required. This is a 1.0 unit course that is required for students who are enrolled in the second semester of the nursing program. Students will build on previously learned concepts, content and participate in skills and simulations that involve group, peer and instructor evaluations. Students have the opportunity to practice and employ the required knowledge, skills and attitudes of a Registered Nurse through the use of the nursing process and QSEN standards for each course throughout the curriculum. Students are required to demonstrate competency in the required skills modules including: urinary catheter insertion, care and removal, application of a wet-to-damp dressing/packing, Intravenous (IV) piggyback medication, IV push medication, conversion of an IV to a saline lock, IV pump programing, ostomy bag application and management, performing blood glucose monitoring, collection of a pediatric urine specimen. Participation in human patient care simulation scenarios by the end of the semester are required. Students are required to purchase a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. This is a Pass/No Pass Course. Three hours lab.</td>
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*Three hours lab.*
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>NURS 058C</td>
<td>0.5 Unit Skills Lab III</td>
<td>Corequisite: NURS 060 or concurrently enrolled in NURS 061. Prerequisite: NURS 058 or successful completion of NURS 058B or 058E. Course Advisory: Basic Computer navigation skills and frequent internet access is required. This is a 0.5 unit course that is required for students who are enrolled in the third semester of the nursing program. Students will continue to build on previously learned concepts, content and participate in skills and simulations that involve group, peer and instructor evaluations. Students will continue to practice and employ the required knowledge, skills and attitudes of a Registered Nurse through the use of the nursing process and QSEN standards for each course throughout the curriculum. Students are required to purchase a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. This is a Pass/No Pass course. <strong>One and one-half hours lab</strong>.</td>
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<tr>
<td>NURS 058D</td>
<td>0.5 Unit Skills Lab IV</td>
<td>Corequisite: NURS 063. Prerequisite: Successful completion of NURS 058 or NURS 058C. Course Advisory: Basic Computer navigation skills and frequent internet access is required. This is a 0.5 unit course that is required for students who are enrolled in the fourth semester of the nursing program. Students will continue to build on previously learned concepts, content and participate in more advanced skills and simulations that involve group, peer and instructor evaluations. Students will continue to practice and employ the required knowledge, skills and attitudes of a Registered Nurse through the use of the nursing process and QSEN standards for each course throughout the curriculum. Students are required to demonstrate competency in the required skills modules including: administration of blood and blood products, central line care including blood drawing, flushing, dressing change and injection port change, continual practice of previously completed modules from first year skills courses and participation in human patient care simulation scenarios. Students are required to purchase a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. This is a Pass/No Pass course. <strong>One and one-half hours lab</strong>.</td>
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<td>NURS 058E</td>
<td>1 Unit Skills Lab for LVN Transition Students</td>
<td>Corequisite: NURS 159 or enrollment in NURS 055 concurrency. This is a 1.0 unit course that is required for students who are enrolled in the LVN to RN Transition Course, NURS 159. Course Advisory: Basic Computer navigation skills and frequent internet access is required. Students will continue to build on previously learned concepts, content and participate in skills and simulations that involve group, peer and instructor evaluations including: dry-sterile dressing application, wet-to-damp dressing and packing, enteral feedings, insertion, maintenance and discontinuance of nasogastric tubes, intravenous (IV) therapy and medication administration via piggyback and IV push, urinary catheter insertion, care &amp; removal, blood glucose monitoring, conversion of an IV to a saline lock, ostomy care, nasopharyngeal suctioning, administration of non-IV medication administration. Students will continue to practice and employ the required knowledge, skills and attitudes of a Registered Nurse through the use of the nursing process and QSEN standards for each course throughout the curriculum. Students are required to demonstrate competency in the required skills modules as well as participation in human patient care simulation scenarios by the end of the semester. Students are required to purchase a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. This is a Pass/No Pass course. <strong>Three hours lab</strong>.</td>
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<td>NURS 060</td>
<td>5 Units Nursing of Adults II/Medical-Surgical Nursing</td>
<td>Corequisite: Concurrent enrollment in NURS 058C. Prerequisite: NURS 054 &amp; NURS 055 and either PSYC 001, PSYC 002 or S0CS 022 with grades of C or better. Course Advisory: Basic Computer navigation skills and frequent internet access is required. This course continues with the theory and practice of nursing necessary to assist the adult in meeting selected health care needs. Emphasis is placed on the patient experiencing health alterations related to nutritional deficits, the endocrine, renal/urinary, neurological and immune systems. The concepts of delegation, safety, communication, clinical decision-making, asepsis, pharmacology, legality, ethics, health education, and self-evaluation are integrated throughout the course. Issues related to culture, developmental level and sexuality are considered, as nursing care is individualized to the patient. Leadership and management concepts are introduced. Skill modules and clinical experiences are offered concurrently with theory. <strong>Five hours lecture, fifteen hours lab (8 week course)</strong>.</td>
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Nursing

NURS 061  5 Units
Psychiatric and Mental Health Nursing
Prerequisite: NURS 054 & NURS 055 and either PSYC 001, PYSC 002 or SOCS 022 with grades of C or better. Course Advisory: Basic Computer navigation skills and frequent internet access is required. Theory and practice related to mental health and illness is studied. This includes the principles and practices of mental health nursing using the prevailing psychobiological theories of mental health and illness, interpersonal communication, group process, growth and development and sociocultural theories. The nursing process is emphasized as the student nurse maintains and promotes mental health and seeks to prevent mental illness. Clinical experience is provided concurrently with theory in acute psychiatric hospitals, long-term care facilities and community agencies. Opportunity is provided for working with children, adolescents and adults individually, as well as in groups. Internet access required. Five hours lecture, fifteen hours lab (8 week course).

NURS 063  7 Units
Advanced Medical Surgical and Community Nursing
Corequisite: Concurrent enrollment in NURS 038D. Prerequisite: NURS 060 and 061 with grades of C or better. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. This course builds on the concepts introduced in previous nursing courses. Complex alterations in physiological processes are studied as they relate to multi-system Illnesses. This course requires students to develop and utilize critical thinking skills in working with patients across the lifespan in emergency, critical care, medical surgical units and the community. The clinical experience affords students the opportunity to apply theoretical knowledge, critical thinking skills (which are inherent to the nursing process), and psychomotor skills to a practical situation. The focus is to provide care to multiple patients across the lifespan who have complex multi-system illnesses and patients in the community. This course facilitates the student’s entry into the profession of nursing. Legal and ethical responsibilities related to professional nursing practice are considered. Skill modules and clinical experience is offered concurrently with theory. Four hours lecture, sixteen hours lab (12 week course).

NURS 064  2 Units
Issues and Leadership in Health Care Today
Corequisite: NURS 063 and/or NURS 065. Prerequisite: NURS 060 & 061 with grades of C or better. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. This course facilitates the graduates’ entry into the profession of nursing. Topics include current issues, trends and leadership theories in the registered nurses scope of practice in an ever-changing health care delivery system. Included is the delineation of the major functions of professional nursing organizations, accountability in nursing practice (quality improvement and risk management), identification of socio-political factors as well as leadership and management issues influencing professional nursing practice and their nursing implications. Legal and ethical concepts and responsibilities related to registered nursing practice are further considered. This is a non-clinical course. Field trips may be required. Two hours lecture.

NURS 065  2.5 Units
Role Transition in Practice
Corequisite: NURS 064. Prerequisite: NURS 063 with grades of C or better. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. This course is the final course in the nursing sequence. The focus of this course is on nursing care and first level management/leadership skills in caring for groups of hospitalized patients. Emphasis is placed on team management skills in acute care settings. The registered nurse preceptor directly supervises the student under the guidance of the nursing faculty liaison. Professional development skills, as well as current issues in nursing, are applied. This course focuses on managing groups of patients with respect to the individual’s cultural/religious beliefs related to wellness, illness and health care practice. Clinical application of both previously learned theory and skills are applied in various healthcare agencies. Twenty-four hours laboratory (5 week course).
Nursing

NURS 100 2 Units
Exploring Health Occupations
Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Explores the diversity of health care occupations currently available and is intended for students considering a health care career. Examples of health occupations include: certified nursing assistant (CNA), respiratory therapist, physician & physician assistant, nursing (LVN & RN), biotechnology technician, emergency medical technician (EMT I), paramedic (EMT P), radiology technician, physical therapist & assistant, pharmacist & pharmacy technician. Students compare and contrast various health occupation(s) in terms of the personal and professional attributes for the job, specific job skills needed, basic educational preparation and potential for advancement. In addition to classroom discussions and library research, students interview people in health care jobs, go on field trips to health care facilities and evaluate the health occupations that most interest them. Four hours lecture (9 week course).

NURS 101 3 Units
Preparation for Nursing
Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Designed to provide pre-nursing and beginning nursing students with realistic and useful strategies to enhance their success in reaching this career goal. Students will gain a realistic understanding of the nursing profession; critically analyze their own strengths, and develop strategies to identify and strengthen areas needing improvement. The course will also provide the student with the knowledge and skills to identify and locate social and financial resources; develop and / or enhance language, math and communication skills to work effectively with a culturally diverse population; develop and enhance critical thinking skills; and enhance self-assessment and accountability skills. Three hours lecture.

NURS 102 1.00 to 4.00 Units
Nursing Work-Study
Prerequisite: NURSE 054, 055 and authorization by Dean to enroll. Course Advisory: Basic Computer navigation skills and frequent internet access is required. NOTE: One to four units of workstudy experience at a ratio of 1 unit=75 paid hours or 60 unpaid hours. No student will be allowed to enroll for more than four units per semester. Course Advisory: SCC minimum English and Math standards. This work-study course is offered through Solano Community College Associate Degree Nursing Program in cooperation with selected clinical agencies. Students apply previously learned nursing theory and clinical skills in assigned patient care settings under the direct supervision of selected RN nurse preceptors. The work experience is supervised by a Solano Community College Nursing Instructor and the clinical agency coordinator. Student functions will include clinical skills in which previous training and competency in skill performance has already been demonstrated and documented on the student’s skills competency checklist. This course is a credit/no credit course. Combined units for all work experience courses shall not exceed 12. Five to nineteen hours by arrangement.

NURS 111 3 Units
Medial Terminology
Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Study of the language of medicine. An introduction to terms, word roots and abbreviations related to medical practice and the functioning of the systems of the body. Three hours lecture.
Nursing

NURS 148M 5 Units
Maternal Nursing for International Nurses
Prerequisite: Dean Authorization to Enroll; Board of Registered Nursing Letter stating need for additional content and lab hours in Maternal Nursing. Physical exam, Immunizations and proof of TB clearance as required by partner health care facilities; Criminal Background check and Drug Screen per Nursing Program requirements; CPR for Health Care Providers from the American Red Cross or American Heart Association. Course Advisory SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. A family-centered course with emphasis on nursing care of women and children for the foreign nurses. The focus includes the antepartal, intrapartal, postpartal, and neonatal client, both healthy and ill. This course provides students the opportunity to synthesize and use nursing knowledge and skills in providing care to clients in a variety of settings. Concepts of homeostasis, communication, and growth and development are integrated throughout the course. The nursing process is used with concepts of legal aspects, pharmacology, clinical skills, safety and asepsis, crisis intervention, health teaching, and self-evaluation. Clinical assignments and self-study modules are offered concurrently with theory. This course must be completed successfully with a C or better to pass the class. Five hours lecture, fifteen hours lab. (8 week course).

NURS 200 6 Units
Certified Nursing Assistant/Home Health Aide
Prerequisite: BIO 004, BIO 005. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Prepares the student to function in the role of Certified Nursing Assistant in the acute care, long-term care, and home health settings. Upon completion, the student is eligible to take the state CNA examination. Five hours lecture, fifteen hours lab. (10 week course).

NURS 219 2 Units
Cardiac Rhythms
Prerequisite: BIO 004, BIO 005. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Designed for health care professionals who need to distinguish among the various cardiac rhythms/dysrhythmias while caring for patients on cardiac monitors. Topics include: basic cardiac physiology, electrophysiology of cardiac tissues; basic pathophysiology of coronary artery disease; identification and interpretation of sinus rhythms versus cardiac dysrhythmias; application of chest monitoring electrodes and 12 Lead ECG electrodes; and use of an oscilloscope. Four hours lecture per week (8 week course).

NURS 223 4 Units
Critical Care Nursing
Prerequisite: RN or LVN Licensure and NURSE 219. Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Designed for staff nurses to provide essential knowledge and skills to adequately function in a critical care unit. For each body system, course content includes: brief review of anatomy and physiology; identification of critical illness states; potential complications; correlation of specific physical assessment/laboratory data; operational principles for the use of critical care equipment; nursing care responsibilities in the care of the critically ill patient; legal aspects of critical care nursing. Four hours lecture.
Emergency Care Nursing
Prerequisite: RN or LVN licensure and NURSE 219.
Course Advisory: SCC minimum English and Math standards. Basic Computer navigation skills and frequent internet access is required. Prepares staff nurses with essential knowledge and skills to function effectively within an emergency department. Topics include the emergency care of patients with: respiratory, cardiovascular, shock, neurological, orthopedic, abdominal, ENT, obstetrical, gynecological, genitourinary, pediatric, environmental, endocrine, trauma, psychological, psychiatric, abuse, and toxicologic emergencies. For each topic, pertinent physical and laboratory assessments, priorities of nursing care, interventions, and standards for documentation are explored. *Four hours lecture.*