

# Nursing

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## *Nursing, Registered*

The Nursing program is accredited by the California State Board of Registered Nursing.

### **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 Licensing 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 the Nursing, Registered 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.

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.

### **REQUIREMENTS FOR ADMISSION TO THE PROGRAM**

1. Graduation from an accredited high school in the United States or successful completion of the General Education Development (GED) or California High School Proficiency Exam (CHSPE) per requirements of the Nurse Practice Act, Title 16, California Code of Regulations, Section 1412, prior to time of application.
  - Students with a high school diploma from a school outside the United States must have transcripts evaluated by a National Association of Credential Evaluation Service (NACES) approved independent agency.
  - Students who possess an Associate or Arts / Associate of Science degree or higher from a regionally accredited college in the U.S. are exempt from the educational requirements stated above.
  - Students who have attended college outside the United States must have transcripts evaluated by a NACES approved independent agency, demonstrating equivalency to an AA / AS degree or higher from a U.S. regionally accredited college.
2. A Composite Score of 73% or greater. This is calculated using the applicant's College GPA, Core Biology GPA, English GPA and the applicant's Core Biology Repetitions (This includes grades of D or less and W's on the applicant's transcript).
3. A grade of "C" or better in the following pre-major and general education courses:

• BIO 004	• NUTR 010
• BIO 005	• PSYC 001*
• BIO 014	• CDFS 070
• ENGL 001	• COMM 001*
• NURS 052	• All GE Graduation Requirements
4. Students are required to take the "Test of Essential Academic Skills (TEAS V)" developed by the Assessment Technologies Institute. A minimum passing composite score of 62% is required within your first two (2) attempts. Further information can be found on the <http://www.atitesting.com/solutions/pre-program/TEAS-Discover.aspx> website regarding TEAS V preparation, registration and testing.

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5. First-time applicants are required to meet with an SCC counselor to obtain a **NURSING PRE-MAJOR AND GENERAL EDUCATION REQUIREMENT CHECK SHEET** and document completion of all eligibility requirements. Call (707) 864-7101 or go online to schedule an appointment.

## COURSES REQUIRED FOR THE ASSOCIATE OF SCIENCE DEGREE IN REGISTERED NURSING

Prerequisites / Graduation Requirements		Course Sequence for Degree
BIO 004	Social and Behavioral Science	<b>SEMESTER I</b> NURS 050A, NURS 050B, NURS 058A  <b>SEMESTER II</b> NURS 054, NURS 055, NURS 058B  <b>SEMESTER III</b> NURS 060, NURS 061, NURS 058C  <b>SEMESTER IV</b> NURS 063, NURS 064, NURS 065, NURS 058D
BIO 005	Humanities	
BIO 014	Reading Requirement	
ENGL 001	Math 104 or higher	
NUTR 010	Cross Cultural Studies	
PSYC 001*	Kinesiology	
CDFS 070		
COMM 001*		

\*Or equivalent (See Nursing Pre-Major and General Education Requirements available online)

### APPLICATION / ACCEPTANCE TO THE PROGRAM

Currently the Nursing Program admits students once per year. Applications are available online. Check the SCC Nursing website for specific details and deadlines. <http://www.solano.edu/health/disciplines.php#nursing>

The Nursing Program at Solano Community College is impacted; there are more students who apply than can be accepted into the program. Selection is based on a randomized lottery selection process. Fifty (50) percent of the selected applicants will have a composite score of 86% or greater and the other fifty (50) percent will have a score between 73 and 85%. Returning qualified applicants will have their name included into the appropriate pool for each time they have applied to SCC's nursing program. Only students who meet and complete the application criteria will be considered for admission. Meeting these requirements does not guarantee acceptance into the program. If a qualified applicant is not chosen, he/she may reapply the following application period.

Once accepted to the Nursing Program, students, at their own expense, must provide the following:

- Health History and Report of Medical Examination with required titers / inoculations.
- Background check and drug screening
- Current American Heart Association CPR card for Healthcare Providers.
- Compliance with specific healthcare partner requirements.

Students accepted for entry into the Nursing Program are required to attend a mandatory information meeting. Date, time, and location will be provided in the acceptance packet.

### APPLICATION GUIDELINES

- **COMPLETE ALL PRE-MAJOR AND GENERAL EDUCATION COURSES BEFORE SUBMITTING AN SCC NURSING APPLICATION.** Transcripts with courses in progress at the time of application will be voided or not accepted. Please refer to the nursing website for more information.
- **APPLY for admission to SCC online.**
  - ✓ Students who have never attended SCC must submit an online application. Go to the SCC home page ([www.solano.edu](http://www.solano.edu)) and click on Application.
    - o **Note: Returning SCC students who did not attend last semester** must complete a new SCC application before accessing the Nursing Application.
  - ✓ **STUDENT ID NUMBER.** After submitting AN online application, allow 30 minutes for processing. An email will be sent to the email address provided in the application and it will include the applicant's SCC ID number, username and password for the applicant's MySolano account.

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- When completing a new application to Solano, if you already have an ID number, the system will re-activate the same ID number. After this step, you can complete the Nursing Application.
- ✓ **MYSOLANO EMAIL ACCOUNT.** All correspondence regarding the application status will be sent to the applicant's SCC email address. Applicants will not receive any paper or phone verification regarding their status.
- **COUNSELING SERVICES for FIRST-TIME NURSING APPLICANTS.** An appointment with a Solano Community College (SCC) Counselor is required to obtain a *Nursing Pre-Major and General Education Requirement Check Sheet* to document completion of all eligibility requirements. This is especially important when coursework is not completed at SCC. A copy of this document can be found at: <http://www.solano.edu/health/disciplines.php#nursing>
  - ✓ **Counseling Appointment: Call (707) 864-7101 to schedule an appointment with a Counselor.** If you have 15 or more units from other colleges, you will need to schedule a one-hour appointment with a Counselor. During the appointment the Counselor can assist with completion of the *Nursing Pre-Major and General Education Requirement Check Sheet*, petitioning of course equivalencies, requirements for foreign transcripts, and degree completion requirements. Official transcripts from other colleges should be brought to this appointment. If you completed Anatomy, Physiology, or Microbiology at an international college or university, please bring course descriptions in addition to transcripts.
  - ✓ **Drop-In Meetings:** Drop-in meetings are only 15 - 20 minute sessions with counselors to address general counseling questions and NOT for completing a Nursing Pre-Major and General Education Requirement Check Sheet, petitioning of course equivalencies, requirements for foreign transcripts, and / or degree completion requirements. To find out when drop-ins are offered call (707) 864-7101.
  - ✓ **Counseling Email:** If you have a general counseling question that requires minimal research and can be resolved in a couple of minutes, please contact the e-counselor at [e-counselor@solano.edu](mailto:e-counselor@solano.edu)
- **TO APPLY to the NURSING PROGRAM at SCC:**
  - ✓ Log-in to the SCC website
  - ✓ From the A-Z index locate the Registered Nursing website (<http://www.solano.edu/health/disciplines.php#nursing>)
  - ✓ Click the "Registered Nursing Application" link
  - ✓ Complete all required data elements on the Application packet
  - ✓ Once you have completed all documents print the Application packet
  - ✓ TOOLS to assist with the Nursing Program Application Process.
    - Students should refer to the nursing website for step-by-step instructions on how to complete the Application for the Nursing Program.
    - Email Support: Questions related to the nursing application process may be sent to the Administrative Assistant in the School of Health Sciences. Please allow five (5) business days for a reply. Due to the high volume of calls, DO NOT CALL the Nursing Department. We will respond only to student emails.
- **SUBMITTING the Nursing Program Application.** All first-time and returning applicants must submit their Application Packet and required supporting documentation, if applicable, to SCC Nursing Department (Building 800, Room 805B) by the deadline date and time in a large 9 ½ x 11 self-addressed stamped envelope. Late Application Packets will not be accepted.
  - ✓ If the applicant's application is not chosen to fill the incoming class, the Application Packet will be mailed back to you in the large 9 ½ x 11 self-addressed stamped envelope you submitted at the time you applied.

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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.

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## 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.

ENGL 001 College Composition

BIO 004 Human Anatomy w/Lab (4 sem. units minimum)

BIO 005 Physiology w/Lab (4 sem. units minimum)

BIO 014 Microbiology w/Lab (4 sem. units minimum)

NUTR 010 Nutrition

CDFS 070\* Lifespan Human Development

NURS 052 Pharmacology

PSYC 001 or SOCS 022 Ethnic Race Relations

2. APPLY for admission to SCC online at [www.solano.edu](http://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](http://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. 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. WAIT 90-BUSINESS-DAYS RETURN IN PERSON OR CALL (707-864-7101) the Counseling Office to schedule a one-hour "LVN-RN Referral Appointment." *This is your responsibility.*

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 Occupations.
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. Achieve a score of 67 or greater on the TEAS V test.

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## Retention in Program:

1. Students are required to undergo criminal background checks and drug screens. The Health Occupations Division 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.

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## *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
<b>Total Units</b>	<b>6</b>

## *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
<b>Total Units</b>	<b>7</b>

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## Emergency Medical Technician

### **EMT 112** **7.0 Units** **Emergency Medical Technician (Basic)**

*Prerequisite:* EMT 128 with a minimum grade of C. *Course Advisory:* Eligibility for ENGL 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 mandatory information session in order to enroll in the course. Can be repeated every 2 years. *Five hours lecture, six hours activity.*

### **EMT 128** **3.0 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, three hours lab (8-week course).*

### **EMT 213** **1.0 Unit** **Emergency Medical Technician (Basic) Refresher**

*Prerequisite:* EMT 112 or equivalent or previous EMT 213. *Course Advisory:* SCC minimum English and Math standards. Consists of review and update of EMT 112 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** **5.0 Units** **Fundamentals of Nursing**

*Corequisite:* NURS 058A. *Prerequisite:* A minimum grade of C in ENGL 001, BIO 004, BIO 005, and BIO 014; 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. *Eight hours lecture, six hours lab (8-week course).*

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## **NURS 050B**

### **Basic Human Needs**

*Corequisite: NURS 058A Prerequisite: NURS 050A with a minimum grade of C. 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. *Seven hours lecture, fifteen hours lab (8-week course).*

## **NURS 052**

### **Pharmacology for Nursing**

*Prerequisite: BIO 005 with a minimum grade of C. Course Advisory: SCC minimum English and Math standards.*

Basic computer navigation skills and frequent internet access is required. Nursing or Pre-nursing Students. 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.*

**6.0 Units**

## **NURS 054**

### **Maternal-Child Nursing**

*Corequisite: Concurrent enrollment in NURS 058B.*

*Prerequisite: Minimum grade of C in NURS 050A, NURS 050B, NURS 052, NUTR 010, and CDFS 070. 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 minimum grade of C to advance in the nursing program. *Five hours lecture, fifteen hours lab (8-week course).*

**5.0 Units**

## **NURS 055**

### **Nursing Of Adults I**

*Corequisite: Concurrent enrollment in NURS 058B or 058E. Prerequisite: Completion with a minimum grade of C in NURS 050A & 050B, NURS 052, NUTR 010, and CDFS 070. 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).*

**5.0 Units**



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## **NURS 058**

**0.5-1.5 Units**

### **Mediated Skills Development**

*Prerequisite: Concurrent enrollment in either NURS 50A & 50B, 54, 55, 60, or 63. A variable unit course which is required of all nursing students in each semester of the nursing program. A portion of the unit credit may be used for group and/or individual study time. Students have the opportunity to practice the required skills modules for each nursing course. This practice takes place under the supervision of the skills laboratory instructor, a registered nurse. The skills modules have been leveled to match the content. Students must demonstrate competency in all of the assigned skills modules. Peer checkoff is permitted on some of the modules, whereas more complex modules require checkoff by the skills lab instructor. The mediated skills lab is a valuable adjunct to all of the nursing courses as it allows students the time and place to not only practice and master skills, but to study theoretical concepts. This is a credit/no-credit class. May be repeated to a maximum of 6 units, including initial enrollment. One and one-half to four and one-half hours lab.*

## **NURS 058A**

**1.0 Unit**

### **Skills Lab I**

*Corequisite: NURS 050A with a minimum grade of C (may be taken concurrently). 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 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 only course. Three hours lab.*

## **NURS 058B** **Skills Lab II**

**1.0 Unit**

*Corequisite: Concurrent enrollment in NURS 055 or NURS 054. 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 programming, 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 only course. Three hours lab.*

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## **NURS 058C Skills Lab III**

**0.5 Unit**

*Corequisite: Concurrent enrollment in NURS 060 or 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 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 only course. One and one-half hours lab.*

## **NURS 058D Skills Lab IV**

**0.5 Unit**

*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 venipuncture, tracheostomy care and suctioning, management of a chest tube drainage system and practice of all previously completed skills from prior semesters. Participation in human patient care simulation scenarios is required. Students are required to have purchased a Nursing Skills Lab kit, stethoscope, white lab coat and uniform per the Registered Nursing Student Handbook. *This is a Pass/No Pass only course. One and one-half hours lab.*

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## **NURS 058E**

**1.0 Unit**

### **Skills Lab for LVN Transition Students**

*Corequisite: Concurrent enrollment in NURS 159 or NURS 055. 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 LVN to RN Transition Course, NURS 159. 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 & 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 only course. Three hours lab.*

## **NURS 060**

**5.0 Units**

### **Nursing Of Adults II/Medical-Surgical Nursing**

*Corequisite: Concurrent enrollment in NURS 058C. Prerequisite: A minimum grade of C in NURS 054 and NURS 055 and either PSYC 001, PSYC 002 or SOCS 022. 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. *Five hours lecture, fifteen hours lab (8-week course).*

## **NURS 061**

**5.0 Units**

### **Psychiatric And Mental Health Nursing**

*Prerequisite: NURS 054 & 055 and either PSYC 001, or SOCS 022 with grades of C or better, or NURS 159 & NURS 055 and either PSYC 001, or SOCS 022 with grade 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. *Five hours lecture, fifteen hours lab (8-week course).*

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## **NURS 063**

### **Advanced Medical Surgical and Community Nursing**

*Corequisite: Concurrent enrollment in NURS 058D. Prerequisite: A minimum grade of C in NURS 060 and 061. 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**

### **Issues and Leadership in Health Care Today**

*Corequisite: NURS 063 and/or NURS 065. Prerequisite: A minimum grade of C in NURS 060 and NURS 061. 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.*

**7.0 Units**

## **NURS 065**

### **Role Transition in Practice**

*Corequisite: NURS 064. Prerequisite: NURS 063 with a minimum grade of C. 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 lab (5-week course).*

**2.5 Units**

## **NURS 101**

### **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.*

**3.0 Units**

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## **NURS 103**

### **Certified Nursing Assistant**

*Prerequisite: Applicants must be at least 16 years old.*

*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. Students must apply to the CNA program through Solano Community College's Office of Admissions and Records, as well as attend a mandatory information session prior to the beginning of class. Eight hours lecture, sixteen hours lab (8-week course).*

**6.5 Units**

## **NURS 104**

### **Home Health Aide**

*Prerequisite: NURS 103 with a minimum grade of C (may be taken concurrently). The home health aide course is an extension of the nursing assistant training. It is a didactic model that addresses the transition of skills from an institutional environment to the home setting. The course consists of nine modules, 20 hours classroom instruction including use of state curriculum, lectures, videos and discussion. Six hours lecture, six hours lab (4-week course).*

**2.0 Units**

## **NURS 105**

### **Acute Care Nursing Assistant**

*Prerequisite: NURS 103 with a minimum grade of C. CNA acute care courses focus on patients with acute illness or short-term illness or injury. These classes prepare current CNAs to work in an emergency room or other short-term care facility, assisting registered nurses (RNs) and other health care personnel. Students refine skills learned in the general or long-term care CNA courses, such as measuring vital signs. Certified nursing assistants in this class become skilled at observing patients for discomfort, pain and learning how to apply basic knowledge and skills to delivery quality patient care. The CNA acute care curriculum also covers anatomy and physiology, infection control and safety procedures in an acute care setting. This course is typically taken by current CNAs. It is commonly referred to as a CNA level 2 course. The nurse assistant is an important member of the health care team. The nurse assistant, under the direct supervision of licensed nursing personnel, provides direct care to the resident; promotes comfort measures, and collects, records and reports data. Eight hours lecture, ten hours lab. (3-week course).*

**2.0 Units**

## **NURS 111**

### **Medical 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.*

**3.0 Units**

## **NURS 148M**

### **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 minimum grade of C to pass the class. Five hours lecture, Fifteen hours lab. (8-week course)*

**5.0 Units**

# Nursing

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## **NURS 148N**

### **NCLEX-RN Exam Preparation Course**

*Prerequisite: Authorization of Dean to enroll. Course Advisory: minimum SCC English and math standards. This course is designed to assist nursing students/ graduates in preparing to take the NCLEX-RN (National Council Licensure Examination-Registered Nurse). The student will identify knowledge deficits and learn test-taking strategies in a self-directed learning environment. Practice in answering NCLEX-style questions is a major component of the class. Pass/No Pass only. Three hours lecture.*

**1.5 Units**

## **NURS 159**

### **Career Mobility Transition**

*Co-requisite: NURS058E. Prerequisite: Current LVN Licensure and acceptance into the ADN Program; authorization to enroll. Course Advisory: SCC minimum English and Math standards. Basic computer navigation skills and frequent internet access is required. This course is designed to facilitate the transition of the Career Mobility student into the Associate of Science Degree in Registered Nurse (RN) program at Solano Community College. This course focuses on theory and skills needed for successful transition from the student's current role to the role of the Registered Nursing student. This course presents the major theoretical concepts (i.e., role transition, homeostasis, fluid and electrolytes, sepsis, critical thinking, nursing process, therapeutic communication, medication calculations as well as professional legal / ethical issues) that are the foundation for the Registered Nursing curriculum. This course encompasses both classroom activities and opportunities to apply theoretical knowledge in the clinical/ simulated setting. Four hours lecture, nine hours lab (8-week course).*

**3.5 Units**

## **NURS 219**

### **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 (8-week course).*

**2.0 Units**

## **NURS 223**

### **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.*

**4.0 Units**

## **NURS 230**

### **Emergency 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.*

**4.0 Units**