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 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)

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)
HUDV 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)
SPCH 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. Apply for admission to Solano Community College online at www.solano.edu or complete an application to SCC (if not already a current/continuing student).
2. Attend a Registered Nursing Information Workshop.
3. Request “official” transcripts from ALL other colleges or institutions attended to be SENT to the Office of Admissions and Records (OAR). (Please Note: International college transcripts must be accompanied by a credentialed evaluation service and must include a detailed report which distinguishes lower division from upper division courses and which also provides A-F letter grade values. A list of acceptable evaluation service companies is available from the Office of Admissions and Records).
4. Confirm with the Office of Admissions and Records (OAR) that all such transcripts from other colleges have been received by OAR before proceeding to the next step.
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5. Visit the Counseling counter to complete the RN Referral/Application form. This must be done in person and will require your California Driver’s License Number. NOTE: There must be seven (7) business days allowed for OAR to evaluate your transcripts and calculate your overall composite score to determine whether you qualify for the RN Program.

6. After 7 business days return in person to the Counseling Office to request an “RN” counseling appointment. (It is the student’s responsibility to contact the Counseling Office to schedule this appointment).

7. During the Counseling appointment, if you have met the minimum Composite Score, a Counselor will review with you and post all required pre-Major and General Education requirements.

8. Qualified candidates will then receive a Notice of Eligibility to the Nursing Program with a waiting-list number within 2-4 weeks.

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 issued by the American Red Cross or American Heart Association.
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 requirement for graduation.
5. Provided a clear criminal background check and drug screen.
6. Beginning January 2012 - Achieved a score of 62 or greater on the TEAS V exam. Students showing areas of low scores will be recommened to complete remediation in these topics.

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 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 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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## Required Courses

*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

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>NURS 050A</td>
<td>Fundamentals of Nursing</td>
<td>3</td>
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<tr>
<td>NURS 050B</td>
<td>Basic Human Needs</td>
<td>3.5</td>
</tr>
<tr>
<td>HUDV 070</td>
<td>Lifespan Human Development</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 010</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NURS 052</td>
<td>Pharmacology for Nursing</td>
<td>3</td>
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<tr>
<td>NURS 054</td>
<td>Maternal-Child Nursing</td>
<td>5</td>
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<tr>
<td>NURS 055</td>
<td>Nursing of Adults I</td>
<td>5</td>
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<tr>
<td>PSYC 001</td>
<td>Introduction to Psychology</td>
<td>3</td>
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* 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

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>NURS 060</td>
<td>Nursing of Adults II/ Medical-Surgical Nursing</td>
<td>5</td>
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<tr>
<td>NURS 061</td>
<td>Psychiatric and Mental Health Nursing</td>
<td>5</td>
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<tr>
<td>NURS 063</td>
<td>Advanced Medical Surgical and Community Nursing</td>
<td>4.5</td>
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<tr>
<td>NURS 064</td>
<td>Issues and Leadership in Health Care Today</td>
<td>1.5</td>
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<tr>
<td>NURS 065</td>
<td>Role Transition in Practice</td>
<td>2.5</td>
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</table>

## 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

## 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 Outcomes

This information is not available at the time of printing. Please check online for current information as it is available.
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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:
1. You would complete a total of 49 to 52 units toward the 60 units required for the Associate Degree.
2. You would be a graduate of an accredited ADN program.
3. 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)
HUDV 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:
1. You would complete a total of 29-30 units.
2. You would not be a graduate of an Associate Degree Program.
3. You would not be a graduate of the Solano College Nursing Program and may not wear the school pin.
4. 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. Apply for admission to Solano Community College online at www.solano.edu or complete an application to SCC (if not already a current/continuing student).
2. Attend a Registered Nursing Information Workshop.
3. Request “official” transcripts from ALL other colleges or institutions attended to be SENT to the Office of Admissions and Records (OAR). (Please Note: International college transcripts must be accompanied by a credentialed evaluation service and must include a detailed report which distinguishes lower division from upper division courses and which also provides A-F letter grade values. A list of acceptable evaluation service companies is available from the Office of Admissions and Records.)
4. Confirm with the Office of Admissions and Records (OAR) that all such transcripts from other colleges have been received by OAR before proceeding to the next step.
5. Visit the Counseling Office to complete the RN Referral/Application form. This must be done in person and will require your California Driver’s License number. NOTE: There must be seven (7) business days allowed for OAR to evaluate your transcripts and calculate your overall composite score to determine whether you qualify for the RN Program.
6. After 7 business days return in person to the Counseling Office to request a “RN” counseling appointment. (It is the student’s responsibility to contact the Counseling Office to schedule this appointment.)
7. During the Counseling appointment, if you have met the minimum Composite Score, a Counselor will review with you and post all required pre-Major and General Education requirements.
8. Qualified candidates will then receive a Notice of Eligibility to the Nursing Program with a wait-list number within 2-4 weeks.
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.

• Testing will be required to determine advanced placement credit.

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, issued by American Red Cross or American Heart Association.
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. Beginning January 2012, achieved a score of 62 or greater on the TEAS V exam. Students showing areas of low scores will be recommended to complete remediation in those topics.

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 or 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 212 Emergency Medical Technician (Basic) ............................. 7
Total Units ................................. 7
## Nursing

### Emergency Medical Technician

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<th>Course Code</th>
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<th>Course Title</th>
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<tr>
<td>EMT 212</td>
<td>7.0</td>
<td>Emergency Medical Technician Basic, Lec/Lab</td>
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**Course Advisory:** SCC minimum English and Math Standards; 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 completing the course attend pre-assigned observation times with an emergency department & with an ambulance. 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. Repeatable every 2 years. **Five hours lecture, six hours activity.**

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<tr>
<td>EMT 213</td>
<td>1.0</td>
<td>Emergency Medical Technician (Basic) Refresher</td>
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**Prerequisite:** EMT 212 or equivalent or previous EMT 213. **Course Advisories:** 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, childhood & 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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<th>Course Code</th>
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<tr>
<td>NURS 050A</td>
<td>5.0</td>
<td>Fundamentals of Nursing, Lecture</td>
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**Corequisite:** NURS 058. **Prerequisites:** 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.** 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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<tr>
<td>NURS 050B</td>
<td>6.0</td>
<td>Basic Human Needs, Lecture</td>
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**Corequisite(s):** NURS 058 **Prerequisite(s):** NURS 050A with grade of “C” or better. **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).

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<tr>
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<td>NURS 052</td>
<td>3.0</td>
<td>Pharmacology for Nursing</td>
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**Prerequisite:** BIOSC 5 with a grade of ‘C’ or better. **Course Advisories:** SCC minimum English and Math standards. **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.**
NURS 054 5.0 Units
Maternal-Child Nursing
Corequisite: Concurrent enrollment in NURS 058.
Prerequisites: NURS 050A & 050B, NURS 052, NURSE 051, and HUDV 070 with grades of ‘C’ or better. A family centered course with emphasis on nursing care of women and children. The focus includes the antepartum, intrapartum, postpartum, 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 5.0 Units
Nursing Of Adults I, Lec
Corequisite: Concurrent enrollment in NURS 058.
Prerequisites: NURS 050A & 050B, NURS 052, NURSE 051, and HUDV 070 with grades of ‘C’ or better. 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 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 client. 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 058 .5 to 1.5 Units
Mediated Skills Development, Lab
Prerequisites: Concurrent enrollment in either NURSE 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 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 060 5.0 Units
Nursing Of Adults II/Medical-Surgical Nursing Lecture
Corequisite: Concurrent enrollment in NURS 058.
Prerequisites: NURS 054 & NURS 055 and either PSYC 001, PSYC 002 or SOCS 022 with grades of ‘C’ or better. 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, Lecture
Prerequisites: NURS 054 & NURS 055 and either PSYC 001, PSYC 002 or SOCS 022 with grades of ‘C’ or better. 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 7.0 Units
Advanced Medical Surgical and Community Nursing
Corequisites: Concurrent enrollment in NURS 058.
Prerequisites: NURS 060 and 061 with grades of ‘C’ or better. SCC minimum English and Math standards. 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).
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NURS 064  2.0 Units  Issues and Leadership in Health Care Today
Corequisite: NURS 063 and/or NURS 065. Prerequisites: NURS 060 & 061 with grades of ‘C’ or better. Course Advisories: SCC minimum English and Math standards. 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. Prerequisites: NURS 063 with grades of ‘C’ or better. Course Advisories: SCC minimum English and Math standards. 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).

NURS 100  2.0 Units  Exploring Health Occupations
Course Advisories: SCC minimum English and math standards. 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  3.0 Units  Preparation For Nursing
Course Advisories: SCC minimum English and math standards. 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  1.0 to 4.0 Units  Nursing Work Study
Prerequisite: NURSE 54, 55 and authorization by Dean to enroll. 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 Advisories: 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. Repeatable to a maximum of twelve units. Combined units for all work experience courses shall not exceed 12.  Five to nineteen hours by arrangement.

NURS 111  3.0 Units  Medical Terminology
Course Advisories: SCC minimum English and math standards. 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 5.0 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. 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 148N 1.5 Units
NCLEX-RN Exam Preparation Course
Prerequisite: Authorization of Dean to enroll. Course Advisories: 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. Credit/no credit only. Three hours lecture.

NURS 159 3.5 Units
Career Mobility Transition
Prerequisites: Current LVN Licensure and acceptance into the ADN Program; authorization to enroll. Course Advisories: SCC minimum English and math standards. 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, asepsis, 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 per week (8 week course).

NURS 200 6.0 Units
Certified Nursing Assistant And Home Health Aide
Course Advisories: SCC minimum English and math standards. 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 2.0 Units
Cardiac Rhythms
Prerequisites: BIO 004, BIO 005. Course Advisories: SCC minimum English and math standards. 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 4.0 Units
Critical Care Nursing
Prerequisites: RN or LVN Licensure and NURSE 219. Course Advisories: SCC minimum English and math standards. 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.

NURS 230 4.0 Units
Emergency Nursing
Prerequisites: RN or LVN licensure and NURSE 219. Course Advisories: SCC minimum English and math standards. 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.

NURS Special Topics
These courses, numbered 048, 098, or 148 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.