

# NURSING SCIENCE

*Program Purpose: The mission of the Nursing Science program is to prepare graduates with the knowledge, skills, and attitudes essential to the function of Registered Nurses in common and emerging healthcare settings.*

The nationally accredited Associate Degree in Nursing (ADN) is intended to develop the necessary knowledge, skills, and attitudes essential to the function of Registered Nurses in the direct care of patients. The nursing program is approved by the California State Board of Registered Nursing (BRN). Contact information for BRN: P.O. Box 944210, Sacramento, California 94244-2100 ([www.rn.ca.gov](http://www.rn.ca.gov)) gov (<https://www.rn.ca.gov/>).

## NATIONAL ACCREDITATION

The Associate Degree nursing program at Moorpark College located in Moorpark, California is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, (404) 975-5000.

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate Degree nursing program is Continuing Accreditation.

View the public information disclosed by the ACEN (<http://www.acenursing.us/accreditedprograms/programSearch.htm>) regarding the program at <http://www.acenursing.us/accreditedprograms/programSearch.htm>

## U.S. DEPARTMENT OF EDUCATION DISCLOSURE

The Moorpark College Associate Degree Nursing Program meets the state education requirements for a Registered Nursing license in the state of California. Moorpark College has not determined if the Associate Degree Nursing Program at Moorpark College meets the state education requirements in any other state, any U.S. Territory, or the District of Columbia.

## Application Procedure

The application period for receipt by the Health Sciences Department of all applicant information and official transcripts is August 1 to August 31, and January 3 to January 31. For the online application, instructions on how to submit an application, and any additional forms, please refer to the Forms section of the Moorpark College Nursing website at [www.moorparkcollege.edu/nursing](http://www.moorparkcollege.edu/nursing) (<http://www.moorparkcollege.edu/nursing/>).

Moorpark College has adopted a multi-criteria selection process for admission combined with a random selection process, due to changes in legislation and the Education Code (Section 78261.5). The multi-criteria selection process will be utilized to select the most qualified candidates for admission. In addition, all applicants meeting the minimum requirements based on a Prerequisites System and an assessment/readiness test; that is recommended by the California Chancellor's Office, to determine program remediation and admission; will have the opportunity to be randomly selected for admission. The Prerequisites System is based on a formula that takes into consideration overall GPA, GPA in core biological sciences (Anatomy, Physiology and Microbiology), number of repeats in the core Biological Sciences, and English GPA. The

composite of these factors generates a Success Score. In addition, all students must take the assessment/readiness test. Students who have met the success score requirement and a passing score established for the assessment/readiness test will be eligible for program enrollment. Students who do not meet the minimum scores on either the Success Score or the assessment/readiness test will be required to complete remediation courses with a grade of C or better remediation assignments prior to eligibility for admission into the program. Completion of required remediation does not guarantee admission.

- Upon meeting the qualifying requirements (Step 1) and the prerequisite courses (Step 2) with a letter grade of C or better and an overall GPA of 2.5 or better, students may submit an application to the Health Sciences Department from August 1 to August 31 or January 3 to January 31 of each year. All official college and high school transcripts, official Advanced Placement (AP) scores from the College Board and supporting documentation, if applicable must be on file with the Moorpark College Admissions and Records office prior to application submission.
- Applicants may submit scores from the Assessment Technologies Institute Test of Essential Academic Skills (ATI TEAS) taken up to 12 months prior to application. If the ATI TEAS has not been taken, then only qualified applicants will be randomly invited by e-mail to take the ATI TEAS exam. There are a limited number of testing seats available; testing at Moorpark College is not guaranteed.
- The multi-criteria selection process will be utilized to select the most qualified candidates for admission. In addition, all applicants meeting the minimum requirements based on a Prerequisites System and an assessment/readiness test that is recommended by the California Community Colleges Chancellor's Office to determine program remediation and admission will have the opportunity to be randomly selected for admission. There is no waitlist. If an applicant has not been selected for admission within two years of application the applicant will need to reapply.
- There will be alternates selected for each admission class to serve on standby for admission. If not admitted, these alternates will be first admissions into the next class provided all deadlines are met and required documents have been submitted.
- The Health Sciences Department will contact applicants regarding acceptance/admission.
- Admission is contingent upon receiving ALL mandatory requirements by the specified deadline. These requirements are mandatory due to clinical facility requirements:
  - Clear criminal background check (seven year clearance) and negative drug screen. Marijuana and its derivatives are not allowable substances.
  - Clearance of health appraisal (physical exam)
  - Immunization or proof of immunity to rubella, mumps, rubeola, and varicella.
  - Proof of immunity to hepatitis B.
  - Current vaccinations as required by the clinical agencies, including flu vaccination, Covid-19 vaccination, and booster(s) as applicable.
  - Tuberculosis clearance
  - Proof of current health insurance
  - Proof of current student nurse liability insurance
  - Current American Heart Association CPR BLS Provider card
  - Current Los Angeles City Hospital Fire and Life Safety card
  - Social Security or Individual Taxpayer Identification Number

- Acceptance to the nursing program results in the termination of applications to all other programs in the Health Sciences Department.
- Admission may be denied to an applicant who has failed or withdrew failing from a program and/or whose overall record indicates program completion unlikely (example: two program withdrawals); or who has health and/or safety deficits which place clients at risk.
- A student who is accepted to the nursing program may defer entry one time, ever, for up to one year due to extenuating circumstances. Incomplete required remediation, incomplete mandatory requirements, a positive background check, or a positive drug screen are not considered to be extenuating circumstances, and deferral is not allowed for these reasons. All deferral requests must be in writing addressed to the attention of the Nursing Coordinator. Each request for deferral is decided on an individual basis, and all decisions are final.

## Admission Requirements

### Step 1: Qualifying Requirements

The student must demonstrate evidence of High School graduation or General Education Development (GED) Exam with an Overall Status of "Pass" or successfully passing the California High School Proficiency Exam (CHSPE), or an earned college degree, to be eligible and considered for the Nursing Science Program. Additionally, the student must earn an overall GPA of 2.5 or higher in all college course work.

### Step 2: Prerequisite Courses

These required prerequisite courses must be completed prior to the application process. Students must successfully complete the prerequisite courses with a letter grade of "C" or better to be eligible and considered for the Nursing Science Program.

Course ID	Title	Units/Hours
ENGL M01A or ENGL M01AH	English Composition Honors: English Composition	4
MATH <sup>1</sup>		
ANAT M01	Human Anatomy <sup>2</sup>	4
And		
PHSO M01 or PHSO M01H	Human Physiology <sup>2</sup> Honors: Human Physiology	4
MICR M01	General Microbiology <sup>2</sup>	5

1

Two years of high school algebra with a grade of B or better or MATH M03 Intermediate Algebra (Units: 5) or higher

2

ANAT M01 Human Anatomy (Units: 4), PHSO M01 Human Physiology (Units: 4)/PHSO M01H Honors: Human Physiology (Units: 4), and MICR M01 General Microbiology (Units: 5) must be taken within seven years of application date.

### Step 3: General Education (GE) Courses

These GE courses are recommended to be taken prior to the last two semesters of the Nursing Program. The required GE courses are essential to earn the Associate of Science Degree in Nursing and to be eligible to take the National Council Licensure Examination for the Registered Nurse (NCLEX-RN). These courses must be completed with a letter grade of "C" or better.

Course ID	Title	Units/Hours
<b>Required Courses</b>		
PSY M01 or PSY M01H	Introduction to Psychology Honors: Introduction to Psychology	3
COMM M01	Public Speaking	3
Select one of the following:		
SOC M110 or SOC M110H	Introduction to Sociology Honors: Introduction to Sociology	3
ANTH M02	Cultural Anthropology	
Physical Science:		
CHEM M11	Foundations of General, Organic, and Biochemistry (recommended for transfer to CSUCI BSN) Foundations of General, Organic, and Biochemistry)	
American History/Institutions:		
	U.S. History or Political Science	3
Communication and Analytical Thinking:		
MATH M03	Intermediate Algebra (minimum )	5
MATH M15	Introductory Statistics (recommended for transfer to BSN)	
Fine or Performing Arts:		
	Course of Choice	3
Humanities:		
	Course of Choice	3
Kinesiology:		
	Course of Choice	1
<b>Total Units</b>		<b>24</b>

## Program Requirements

Admission is dependent on clearance of:

- Background check and drug screening.
- A Physical Exam documented on the Moorpark College Nursing Health Appraisal form, which considers the student free from communicable diseases and able to function in a hospital and clinical settings.
- Proof of Immunity to rubella, mumps, rubeola, hepatitis B, and varicella.
- Tuberculosis clearance
- Current vaccinations as required by the clinical agencies, including flu vaccination, Covid-19 vaccination and booster(s)
- Evidence of physical and emotional fitness upon admission and throughout the program is expected and is subject to the medical opinion of the college physician and to the medical opinion or policy of hospitals or agencies used at clinical sites.
- Current Cardiopulmonary Resuscitation (CPR) BLS Provider card by the American Heart Association.
- Current Los Angeles City Hospital Fire and Life Safety Card.
- Social Security or Individual Taxpayer Identification Number
- Proof of current health insurance.
- Proof of current student nurse liability insurance.
- Clear criminal background check and drug screening with fee paid by student and completed through an agency approved by the Health Sciences Department before placement into a clinical site. Marijuana

and its derivatives are not allowable substances. The Health Sciences Department is unable to place students in clinical settings if they have a positive criminal background check (must have a clearance of seven years) or drug screen due to requirements of affiliated clinical sites. Therefore, the student will not be able to complete the required program of courses.

- Once in the program, students are required to verify every eight weeks: health, clear criminal background status, and drug screen clearance and maintenance of current American Heart Association CPR card, immunizations, and health and liability insurances.

## Ethical Expectations

All students admitted to the Nursing program are expected to maintain the highest personal and ethical standards of conduct consistent with professional standards as perceived by the faculty and professional personnel in the agencies used as extended campus sites. Any information indicating that such standards are not maintained is subject to review by members of the faculty who may recommend to the college dismissal from the nursing program.

The conviction of a crime may prohibit licensure as a Health Care professional. Each case is reviewed and determined by the California Board of Registered Nursing. The Board considers the nature and severity of the offense, subsequent acts or crimes, compliance with the sanctions, and evidence of rehabilitation ([www.rn.ca.gov](http://www.rn.ca.gov) (<http://www.rn.ca.gov>)).

## Performance Standards

In compliance with the 1990 American with Disabilities Act, the Health Sciences Department does not discriminate against qualified applicants with disabilities. These performance standards, reflected in specific nursing course/program objectives, are to assist each applicant in determining eligibility and the need for accommodations or modifications. The terms below describing physical functions are general in nature. Students who can perform the same actions effectively through the use of assistive technology or devices need to make an appointment as soon as possible with ACCESS for accommodations. ACCESS may also collaborate with the program's Coordinator regarding the accommodations needed, particularly for those in the clinical setting.

- **Critical Thinking** - ability sufficient for safe clinical judgment: calculating, reasoning, analyzing, prioritizing, synthesizing data. Make appropriate and timely decisions under stressful situations. Examples: identify cause/effect relationships in clinical situations, develop nursing care plans.
- **Interpersonal** - in providing nursing care, the abilities sufficient to interact with individuals, families, and groups with diverse social, emotional, cultural, and intellectual backgrounds: function effectively under stress. Must demonstrate professional behavior at all times. Maintains a therapeutic relationship with clients, families, and health team members. Example: establish rapport with diverse patients and effectively interact with colleagues as part of the health care team.
- **Communication** - abilities sufficient for effective verbal and written interactions. Communicate effectively, both orally and in writing, using appropriate grammar, vocabulary and word usage. The student must have 95% ability to communicate nursing actions, interpret patient responses, perform health teaching, document health care activities, and interact with patients, staff, faculty and peers. Examples: Explain diagnostic treatment procedures, health teaching, document actions and client responses. Examples: Explain diagnostic treatment procedures, health teaching, document and interpret actions and client responses.
- **Mobility** - physical abilities sufficient to move from room to room, maneuver in small spaces and reach overhead equipment. Examples: Move around clients' rooms, equipment/machines, workspaces, and diagnostic/treatment areas; administer emergency/CPR procedures.
  - **Standing/Walking** - The student must be able to move forward, backward, and laterally on carpet, tile, linoleum, asphalt and cement while providing and managing patient care, gathering patient supplies and medications, obtaining and returning equipment. Approximate distance = 3 to 6 miles. It is also necessary for a student to have the capability of maintaining an upright position during many functions.
  - **Sitting** - The student must be able to sit while communicating with or teaching patients, operating computers, answering the telephone, writing reports and documenting.
  - **Lifting** - The student must be able to lift floor to knee, knee to waist, and waist to shoulder level while handling supplies (5-10 lbs.). Lift and transfer patients, medical equipment and supplies up to 6 inches from a stooped position, then push or pull the weight up to 3 feet. Lift and transfer patients from a stooped to an upright position to accomplish bed-to-chair and chair-to-bed transfers. Average lifting requirement is 50 pounds.
  - **Carrying** - The student must demonstrate the ability to carry items at waist level.
  - **Pushing/Pulling** - The student must be able to effectively move carts, utilize crash carts, open and close doors and drawers, move beds, gurneys, and wheelchairs and to move equipment and furniture.
  - **Climbing/Balancing** - The student must demonstrate the ability to navigate stairs going to and from other departments, offices, and homes.
  - **Stooping/Kneeling** - The student must demonstrate the ability to move to low enough positions to retrieve supplies from medication carts, bedside stands, bathrooms, etc.
  - **Bending** - The student must demonstrate the ability to move into appropriate positions while performing patient assessments and treatments, gathering supplies, assisting patients with positioning, adjusting patient beds and exam tables, bathing patients and emptying drainage apparatus.
  - **Crouching/Crawling** - The student must demonstrate the ability to retrieve items from under and behind beds and bedside.
  - **Reaching/Stretching/Twisting** - The student must demonstrate the ability to extend their reach and move appropriately when administering and monitoring IV therapy, gathering supplies and equipment, operating computers and equipment, administering care, assisting with patient positioning, changing linens, cleaning or disposing equipment and retrieving patient files.
- **Manipulating** - gross and fine motor abilities sufficient to provide safe and effective care. The student must demonstrate the ability to have hand-wrist movement, hand-eye coordination, simple firm grasping and fine and gross motor dexterity. Examples: Calibrate, move and use equipment/machines; lift, position and transfer clients; produce clear and precise written information, grasp and control medical equipment, and perform CPR.
- **Hearing** - ability sufficient to monitor and assess health needs. Examples: Ability to hear and interpret many people and correctly interpret what is heard, physician orders whether verbal or over the telephone, patient reports and cries for help, emergency and equipment alarms, and perform auditory auscultation.
- **Seeing** - ability sufficient for observation and visual assessment in well-lit and dimly lit areas. Examples: detect signs and symptoms,

coloring and body language of patients, and possible infections anywhere. Interpret written words accurately, read characters and identify colors in the patient's records and on the computer screen. Accurately read medication labels and prepare medications. Perform close and distance visual activities involving objects, persons, and paperwork, as well as discriminate depth and color perception.

- **Tactile** - ability sufficient for physical assessment and positioning. Examples: Perform palpation functions of physical examination and/or those related to intervention, e.g., insertion of needle, positioning, palpating and notation of skin temperature, ability to effectively detect vibrations and pulses, discriminate between sharp/dull and hot/cold.

## Travel Expectations

The clinical sites extend from northern Ventura County to Los Angeles, within an approximate 60-mile radius from Moorpark College. Each student is responsible for his or her own transportation.

## Technology/Computer Expectations

Medicine, health care, and nursing are highly technical fields requiring technology/computer skills. It is highly recommended that students are comfortable using a computer, have basic word processing, email and internet navigations skills, and be familiar with chat rooms. Each nursing course is web-enhanced.

## Program Completion

For successful completion of the nursing program, a minimum grade of C (with 75%) is necessary in all courses required for the major. Pass/No Pass is not an option for core nursing program courses.

Completion of the Moorpark College Associate Degree Nursing Program does not guarantee licensure as a Registered Nurse.

## Program Costs

Costs incurred by nursing students include, but are not limited to: Physical examination, immunizations, student nurse liability insurance, uniforms, equipment, materials fees, and licensure application fees.

## Advanced Placement

Opportunities for advanced placement are based on space available to: Licensed Vocational Nurses, members or veterans of the military with military healthcare occupation training and experience, transfer nursing students from accredited colleges, and readmission applicants. Candidates must schedule an appointment with the Nursing Counselor and complete the application for advanced placement. All advanced placement applicants must meet the ADN program Prerequisites and course requirements. Nursing program transfer or LVN applicants are not accepted into the last semester of the nursing program.

Returning Moorpark College nursing program students can apply to the final semester in certain situations; please contact the Nursing Coordinator for details. Graduate nurses lacking California licensure requirements may be admitted to complete any needed courses as specified by the California Board of Registered Nursing.

## LVN to RN Thirty-Unit Option (BRN 1429)

The thirty-unit option allows the LVN to sit for NCLEX-RN examination after completion of a maximum of thirty units of course work. The student is **not a graduate** of the Nursing Program and **does not receive**

a degree. Practice outside the state of California may be limited. A conference with the Nursing Coordinator or designee for counseling regarding the option is needed before the option is chosen as an educational pathway.

The following curriculum is required for LVN 30 unit option students at Moorpark College:

### Recommended

High school graduation or successful completion of the General Education Development (GED) test. This is required for NCLEX-RN examination.

Course ID	Title	Units/Hours
<b>General Studies</b>		
PHSO M01 or PHSO M01H	Human Physiology Honors: Human Physiology	4
MICR M01	General Microbiology	5
<b>Nursing Courses</b>		
NS M03	Intermediate Nursing Science II	5
NS M03L	Intermediate Nursing Science Clinical Laboratory II	4.5
NS M04	Advanced Nursing Science	4
NS M04L	Advanced Nursing Science Clinical Laboratory	4.5
<b>Total Hours</b>		<b>27</b>

## Transfer for Bachelor of Science Degree Nursing (BSN)

Students are encouraged to:

- Complete the Moorpark College Associate Degree in Nursing and apply or transfer to an accepting institution.  
**or**
- Apply for and enroll in a Collaborative Enrollment ADN-BSN Pathway or Program with an affiliated institution to take BSN courses during the ADN program and then transfer to the BSN institution after conferral of the ADN and attainment of RN licensure. Refer to the Moorpark College nursing website ([www.moorparkcollege.edu/nursing/](http://www.moorparkcollege.edu/nursing/)) for information regarding these university partnerships.  
**or**
- Satisfy the transferable lower division science and general education requirements and apply to a BSN program.

The accepting institution determines transferable courses. Generally acceptable courses are:

Course ID	Title	Units/Hours
ANAT M01	Human Anatomy	4
ANTH M02	Cultural Anthropology	3
BIOL M02A or BIOL M02AH	General Biology I Honors: General Biology I	5
BIOL M02B	General Biology II	5
CHEM M01A or CHEM M01AH	General Chemistry I Honors: General Chemistry I	5



CHEM M01B	General Chemistry II	5
CHEM M11	Foundations of General, Organic, and Biochemistry	5
ENGL M01A or ENGL M01AH	English Composition Honors: English Composition	4
ENGL M01B or ENGL M01BH	Literature: Critical Thinking and Composition Honors Literature: Critical Thinking and Composition	4
MATH M15	Introductory Statistics	4
MICR M01	General Microbiology	5
NTS M01	Introduction to Nutrition Science	3
PHIL M07	Introduction to Logic	3
PHSO M01 or PHSO M01H	Human Physiology Honors: Human Physiology	4
PHYS M10A	General Physics I	4
PHYS M10AL	General Physics I Lab	1
PHYS M10B	General Physics II	4
PHYS M10BL	General Physics II Laboratory	1
PSY M01 or PSY M01H	Introduction to Psychology Honors: Introduction to Psychology	3
PSY M07	Developmental Psychology (Lifespan)	3
SOC M110 or SOC M110H	Introduction to Sociology Honors: Introduction to Sociology	3

## Continuing Education

Moorpark College has been approved by the Board of Registered Nursing as a Continuing Education Provider (number CEP 02811). The Board of Registered Nursing recognizes academic courses for continuing education credit with one (1) academic semester unit equaling fifteen (15) continuing education hours. The course content must be relevant to the practice of nursing and related to the scientific knowledge or technical skills required for the practice of nursing or be related to direct and/or indirect client care at a level above that which is required for licensure. Please refer to the California Board of Registered Nursing website for details regarding Acceptable Courses ([www.rn.ca.gov/licenses/ce-renewal](http://www.rn.ca.gov/licenses/ce-renewal)). Courses may be taken for credit/no credit or a letter grade. (Transcripts document proof of attendance).

### NS M01 Beginning Nursing Science 4 Units

*In-Class Hours:* 70 lecture

*Corequisites:* NS M01L

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number. Part 1: Provides the theoretical concepts of patient-centered, evidence-based, fundamental nursing care of adult and geriatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Presents the foundations of nursing practice and the nursing process, legal and ethical frameworks, diversity, head-to-toe assessment and documentation addressing all body systems for the adult and geriatric client, theoretical concepts of skills associated with activities of daily living, maintenance of a safe environment, and growth and nutrition. Part 2: Provides the theoretical concepts of patient-centered, evidence-based beginning medical-surgical nursing care of adults using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Presents the concept of care pertaining to medication administration, the perioperative period, comfort, pain, diabetes mellitus, and care of patients with basic health deviations of the cardiovascular system, and health deviations of the musculoskeletal system.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M01L Beginning Nursing Lab I 4.5 Units***In-Class Hours:* 236.25 laboratory*Prerequisites:* Admission to the Moorpark College Nursing Program that requires completion of program prerequisites and requirements*Corequisites:* NS M01*Enrollment Limitations:* Admission to the Moorpark College Nursing Program that requires completion of program prerequisites and requirements.*Materials Fee:* \$89.26

Part 1: Applies fundamental, patient-centered, evidence-based nursing care to simulated patients in the skills lab setting and one selected adult/geriatric patient in extended, rehabilitation, or acute care settings using the nursing process related to health promotion and self-care deviations. Focuses on practice and demonstration of communication, physical assessment, activity of daily living, identification of actual and potential health deviations, and documentation of the nursing process. Part 2: Applies beginning medical-surgical, patient-centered, evidence-based nursing care to 1-2 adult patients with common, acute, and chronic healthcare needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Focuses on medication administration, IV maintenance, application of safety/technical skills, the nursing process, communication, responsibility and accountability, and organization and prioritization. Materials Fee: There is a materials fee for a Nurse Pack for the course. The fee varies based on market value.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M02 Intermediate Nursing Science I 5 Units***In-Class Hours:* 87.5 lecture*Prerequisites:* NS M01 and NS M01L*Corequisites:* NS M02L

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to Moorpark College Nursing Program. CPR BLS Provider from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides the theoretical concepts of patient-centered, evidence-based nursing care of maternity and pediatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare setting. Part 2: Provides theoretical concepts of patient-centered, evidence-based nursing intermediate medical/surgical nursing care using the nursing process to adult patients with health deviations including basic respiratory, peripheral vascular disease, hematology and oncology, and basic gastrointestinal disease processes in common and emerging healthcare settings.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M02L Intermediate Nursing Lab I 4.5 Units***In-Class Hours:* 236.25 laboratory*Prerequisites:* NS M01 and NS M01L*Corequisites:* NS M02

Part 1: provides the application of patient-centered, evidence-based nursing care to 1-2 mother/newborn couplets for maternity and 1-2 pediatric clients using the nursing process related to health promotion and deviations in common and emerging healthcare settings. Part 2: provides the application of patient-centered, evidence-based intermediate medical/surgical nursing care to 2 adult patients with common, acute, and chronic healthcare needs in common and emerging healthcare settings using the nursing process related to health promotion and self-care deviations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**NS M03 Intermediate Nursing Science II 5 Units**

*In-Class Hours:* 87.5 lecture

*Prerequisites:* NS M02 and NS M02L, and admission to Nursing Program and completion of Nursing Program prerequisites

*Corequisites:* NS M03L

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides the theoretical concepts of patient-centered, evidence-based intermediate medical-surgical nursing care of adult patients with common to complex, acute, and chronic healthcare needs using the nursing process related to health promotion and self-care deviations in common and emerging healthcare settings. Includes concepts of care of patients with healthcare deviations of the renal/urinary, male reproductive, endocrine, advanced gastrointestinal, and neurologic systems. Part 2: Provides the theoretical concepts of patient-centered, evidence-based nursing care to psychiatric and geriatric patients using the nursing process related to health promotion and self-care deviations in common and emerging healthcare setting.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M03L Intermediate Nursing Science Clinical Laboratory II 4.5 Units**

*In-Class Hours:* 236.25 laboratory

*Prerequisites:* NS M02 and NS M02L

*Corequisites:* NS M03

*Enrollment Limitations:* Admission to Nursing Program and completion of Nursing Program prerequisites. .

Part 1: Provides the application of patient-centered, evidence-based intermediate medical-surgical nursing care to 2-3 adult patients with common to complex, acute, and chronic health care needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Part 2: Provides the application of patient-centered, evidence-based nursing care to psychiatric and geriatric patients in the acute and community health care settings using the nursing process related to health promotion and self-care deviations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M04 Advanced Nursing Science 4 Units**

*In-Class Hours:* 70 lecture

*Prerequisites:* NS M03 and NS M03L

*Corequisites:* NS M04L

*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Nursing Program. CPR BLS Provider card from American Heart Association only. Los Angeles City Hospital Fire and Life Safety card. Current health insurance. Current student nurse liability insurance. Social security number.

Part 1: Provides theoretical concepts of patient-centered, evidence-based nursing care to adult patients with common to complex, acute, and chronic healthcare needs using the nursing process related to health promotion and self-care deviations in emerging healthcare settings.

Part 2: Provides the theoretical concepts of nursing leadership and management in common and emerging healthcare settings.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M04L Advanced Nursing Science Clinical Laboratory 4.5 Units**

*In-Class Hours:* :236.25 laboratory

*Prerequisites:* NS M03 and NS M03L

*Corequisites:* NS M04

*Enrollment Limitations:* Admission to Nursing Program and completion of Nursing Program.

Part 1: Provides application of patient-centered, evidence-based nursing care to 1-6 adult patients with common to complex, acute, and chronic healthcare needs in the acute care setting using the nursing process related to health promotion and self-care deviations. Part 2: Provides the application of patient-centered, evidence-based nursing care to patients in a precepted acute care environment using the nursing process related to health promotion and self-care deviations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M05L Nursing Science Clinical Review 4.5 Units***In-Class Hours:* 236.25 laboratory*Prerequisites:* NS M03L*Enrollment Limitations:* Admission to the Nursing Program and approval by the Health Sciences Coordinator.

Provides structured remediation for returning intermediate to advanced nursing students in the application of patient-centered, evidence-based nursing care to 2-3 adult patients, in the acute care setting, with common to complex, acute, and chronic healthcare needs. Utilizes the nursing process related to health promotion and self-care deviations.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**NS M09 Basic Skills: Health Care Professional 0.5 Units***Formerly:* HS M16R*Same-As:* RADT M09*In-Class Hours:* 26.25 laboratory*Corequisites:* RADT M10A and RADT M10B*Enrollment Limitations:* Criminal background clearance. Current negative TB test or chest x-ray. Drug and alcohol clearance. No acrylic or long nails in clinical settings. No visible tattoos or visible body piercings except single studs in earlobes. Physical examination demonstrating general good health. Proof of freedom from and immunity to communicable diseases. Admission to the Moorpark College Radiologic Technology Program BLS CPR card from American Heart Association only Los Angeles City Hospital Fire and Life Safety Card Proof of health insurance Proof of professional Liability insurance.

Provides basic knowledge of client care skills to those preparing for a career in the health care field such as a Radiographer. Focuses on the essential principles and practices of safe effective care in this constantly changing medical field. Integrates safety, communications, documentation, and cultural diversity throughout the course.

**Grade Modes:** Letter Graded**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**NS M11 Nursing Skills Laboratory I 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from beginning nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M12 Nursing Skills Laboratory II 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from intermediate nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M13 Nursing Skills Laboratory III 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from intermediate to advanced nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M14 Nursing Skills Laboratory IV 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from advanced nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation.

**Catalog Notes:** Open-lab structure allows individually arranged lab hours.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None



**NS M15 Role Transitions: LVN to RN 1 Unit***In-Class Hours:* 17.5 lecture*Corequisites:* NS M02

Focuses on preparing the Licensed Vocational Nurse (LVN) for re-entry into the student role and the transition into the new role as a Registered Nurse (RN). Assists the students to reflect on this changing role and to practice skills needed to become a successful student. Stresses the difference between the LVN and RN as care provider, leader, teacher and patient advocate. Emphasizes the development of critical thinking skills utilized in the nursing process.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None**NS M16 Study Skills for Nursing Students 3 Units***In-Class Hours:* 52.5 lecture

Introduces skills that promote the academic preparation of pre-nursing students. Develops techniques for improving study skills, communication, time management, test-taking, reading comprehension, critical thinking, and math skills for dosage calculations. Emphasizes creating a framework for success in preparation for becoming a nursing student.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**NS M17 Healthcare Ethics 3 Units***Formerly:* HS M17; PHIL M17*Same-As:* RADT M17*In-Class Hours:* 52.5 lecture

Introduces theoretical and applied ethics as they relate to problems in medicine, healthcare, and the human life sciences. Examines foundational moral principles and the main moral theories. Provides an introduction to ethics in general, a foundation for understanding legal implications in healthcare and a framework for analyzing and resolving ethical problems through the application of ethical principles and critical thinking.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** C2**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M18 Nursing Skills Summer Lab 1 Unit***In-Class Hours:* 52.5 laboratory*Prerequisites:* Prior or concurrent enrollment in a registered nursing program course

Provides application of theory from nursing science. Utilizes simulated clinical experience, computer-assisted instruction, audio-visual aids, case study discussions, and individualized remediation. Open-lab structure allows individually arranged lab hours.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M19 Medical Terminology 3 Units***Formerly:* HS M19*In-Class Hours:* 52.5 lecture*C-ID:* HIT 103X

Prepares students for healthcare careers with a focus on understanding and communicating medical information. Teaches the language of medicine, focusing on medical terminology. Assists the student in learning medical terms related to anatomy, physiology, diseases, diagnoses, pharmacology, therapeutics and common abbreviations.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None**NS M20 Pharmacology 3 Units***Same-As:* HS M15*In-Class Hours:* 52.5 lecture*C-ID:* HIT 107X

Introduces mechanisms and uses of currently available drugs, establishing a foundation for understanding future developments in drug therapy and for administering drugs efficiently and safely. Applies drug information and mathematical calculations performed in clinical settings.

**Catalog Notes:** Provider approved by the California Board of Registered Nursing, provider number CEP 02811 for 45 contact hours.**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** CSU**UC Credit Limitations:** None**CSU GE-Breadth:** None**IGETC:** None

**NS M25 Basic Pathophysiology 4 Units***Formerly:* HS M25*In-Class Hours:* 70 lecture*Advisories/Rec Prep:* ANAT M01 and PHSO M01 OR PHSO M01H*C-ID:* HIT 105X

Introduces the fundamentals of pathophysiology, focusing on physiologic changes and altered functions resulting from disease processes. Applies principles of anatomy, physiology, and chemistry as the foundation for study of the pathogenesis of various disorders. Explores clinical manifestations, diagnostic approaches, preventative measures, and current therapeutic regimens of selected disorders.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M30 Basic Cardiac Dysrhythmia Interpretation 1.5 Units***Formerly:* HS M30*In-Class Hours:* 26.25 lecture

Introduces the skills necessary to interpret basic cardiac dysrhythmias and to intervene in their treatment. Covers a systematic approach for the identification and classification of dysrhythmias according to site of origin and prognosis.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M35 Holistic Healthcare Practices 1.5 Units***Formerly:* HS M35*In-Class Hours:* 26.25 lecture

Explores healthcare practices that complement the Western/allopathic mode of health care. Provides concepts of relaxation therapy, meditation, guided imagery, therapeutic touch and other energy healing modalities, nutrition, and use of herbs for treatment of most common ailments.

(Formerly HS M35.) Designed for the layperson, the lay caregiver and healthcare professionals. Provider approved by the California Board of Registered Nursing (CEP 2811) for 24 contact hours.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** E1

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M40 Labor and Delivery Room Nursing 2 Units***Formerly:* NS M60C*In-Class Hours:* 35 lecture

Develops the knowledge, skills, and attitudes required of nurses in promoting a safe labor and delivery. Develops critical thinking and clinical reasoning in caring for the intrapartum patient. Utilizes a systematic approach to assessment and prioritization of nursing care for the intrapartum woman and the fetus. This course is intended for nursing students who have completed their obstetric theory and clinical rotation, registered nurses or licensed vocational nurses.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**NS M49 Nursing Practicum 2.5-5 Units***In-Class Hours:* 131.25-262.5 laboratory*Advisories/Rec Prep:* NS M03 and NS M03L*Enrollment Limitations:* Completed first year of Associate Degree

Nursing Program and currently enrolled in the Moorpark College nursing program.

Enables the intermediate nursing student to participate in a paid practicum cooperatively planned by an employing agency and the nursing faculty. Provides the student nurse with a supportive educational program to assist in practicing learned technical skills, organizational skills, and critical thinking strategies.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M78 Introduction to Operating Room Nursing 4 Units***In-Class Hours:* 52.5 lecture, 52.5 laboratory*Prerequisites:* NS M02 and NS M02L

*Enrollment Limitations:* Enrollment is limited to those students who meet Moorpark College's Nursing Program requirements or are a Registered Nurse with a current CA license. The course is designed for the Registered Nurse or Registered Nursing student who has completed the first year of the nursing program. Registered Nurses must contact the Moorpark College Health Sciences Department.

Introduces operating room (OR) nursing, including the scrub and circulating roles of the OR nurse. Focuses on the application of the nursing process with the perioperative client. Combines lecture and skills laboratory classes, as well as a clinical preceptorship.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M79 Intermediate Operating Room Nursing 4 Units**

*In-Class Hours:* 26.25 lecture, 140 laboratory

*Prerequisites:* NS M78

Provides basic competencies in perioperative nursing in both scrub and circulating roles. Focuses on surgical specialties: general, gynecological, neurology, orthopedic, urology, and vascular; including the use of laparoscopy, laser and other complex surgical equipment. Focuses on preoperative assessment and planning, intra-operative implementation and postoperative evaluation. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 22.5 contact hours.

**Grade Modes:** Pass/No Pass Grading

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

**NS M122 Independent Study - Nursing 0.5-3 Units**

*Formerly:* NS M22A; NS M22B

*In-Class Hours:* 26.25-157.5 laboratory

*Prerequisites:* Completion of one course in Nursing Science and instructor approval

Allows independent study for students who wish to extend their knowledge of a particular area of Nursing through research and study. Utilizes an approved independent project. Includes one-on-one work with instructor. Interested students should contact a Nursing instructor for assistance in developing a contract for learning about a specific topic.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** CSU

**UC Credit Limitations:** None

**CSU GE-Breadth:** None

**IGETC:** None

- Nursing Science, Associate in Science (<http://catalog.vcccd.edu/moorpark/programs-courses/nursing-science/nursing-science-as/>)

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