

NS M01: BEGINNING NURSING SCIENCE

Originator

clee

Co-Contributor(s)
Name(s)

Dieterich, Michelle (mdieterich)

College

Moorpark College

Discipline (CB01A)

NS - Nursing Science

Course Number (CB01B)

M01

Course Title (CB02)

Beginning Nursing Science

Banner/Short Title

Beginning Nursing Science

Credit Type

Credit

Start Term

Fall 2023

Catalog Course Description

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.

Taxonomy of Programs (TOP) Code (CB03)

1230.10 - *Registered Nursing

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

B (Transferable to CSU only)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

B - Advanced Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Faculty notes on field trips; include possible destinations or other pertinent information

Volunteer opportunities with or at healthcare and community agencies in the region.

Grading method

(L) Letter Graded

Alternate grading methods

(E) Credit by exam, license, etc.

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Minimum Contact/In-Class Lecture Hours

70

Maximum Contact/In-Class Lecture Hours

70

Activity**Laboratory****Total in-Class****Total in-Class****Total Minimum Contact/In-Class Hours**

70

Total Maximum Contact/In-Class Hours

70

Outside-of-Class**Internship/Cooperative Work Experience****Paid****Unpaid****Total Outside-of-Class****Total Outside-of-Class****Minimum Outside-of-Class Hours**

140

Maximum Outside-of-Class Hours

140

Total Student Learning**Total Student Learning****Total Minimum Student Learning Hours**

210

Total Maximum Student Learning Hours

210

Minimum Units (CB07)

4

Maximum Units (CB06)

4

Corequisites

NS M01L

Limitations on Enrollment

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

Others (specify)

Other Limitations on Enrollment

Admission to the Moorpark College Nursing Program that requires completion of program prerequisites and requirements.

Additional clinical facility clearance requirements that are not limited to:

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 or Individual Taxpayer ID Number.

Additional grooming standards for clinical settings: hair color of a natural shade; hair worn off the face and above the collar; facial hair groomed so facial masks fit snugly; no artificial nails of any type; make-up if worn is to be conservative in style; if wearing jewelry a single simple ring is allowed.

Requisite Justification

Requisite Type

Corequisite

Requisite

NS M01L

Requisite Description

Corequisite

Level of Scrutiny/Justification

Closely related lecture/laboratory course

Requisite Type

Enrollment Limitation

Requisite

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 tatoos or visible body piercings except for 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 that requires completion of program prerequisites and requirements.

Additional clinical facility clearance requirements that are not limited to:

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 or Individual Taxpayer ID Number.

Additional grooming standards for clinical settings: hair color of a natural shade; hair worn off the face and above the collar; facial hair groomed so facial masks fit snugly; no artificial nails of any type; make-up if worn is to be conservative in style; if wearing additional jewelry a single simple ring is allowed though may be required to be removed based on the clinical setting.

Requisite Description

Credit program requisite (credit only)

Level of Scrutiny/Justification

Required by statute or regulation

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|---|
| 1 | demonstrate beginning knowledge and theoretical concepts of the five critical competencies of safety/technical skills, critical thinking/clinical reasoning, communication skills, responsibility/accountability, and organization/prioritization skills. |
| 2 | demonstrate beginning knowledge, skills, and attitudes essential to the function of Registered Nurses in common and emerging healthcare settings. |

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|---|
| 1 | <p>Safety/Technical Skills:</p> <ul style="list-style-type: none"> - describe caring, safe, technically competent patient-centered fundamental and beginning medical-surgical primary nursing care for patients with common, acute and chronic health and self-care needs of adult and geriatrics in common and emerging healthcare settings. --- focus on comprehensive head-to-toe physical assessment and documentation addressing all body systems for the adult and geriatric client, activities of daily living, growth and nutrition, and medication administration. |
|---|---|

- 2 Critical Thinking and Clinical Reasoning:
 - discuss implementation of fundamental and beginning medical-surgical clinical decision-making with assistance, utilizing the nursing process applied to diverse adult and geriatric individuals and support systems and communities.
 --- focus on the foundations of nursing practice and the nursing process, cultural/spiritual diversity, the perioperative period, comfort and pain, diabetes mellitus, and care of patients with basic health deviations of the cardiovascular system and health deviations of the musculoskeletal system.
- 3 Communication:
 - identify patient-centered and interdisciplinary relationships characterized by caring and inclusive communications utilizing confidentiality through principles of verbal, nonverbal, and electronic communication systems in common and emerging healthcare settings.
 --- focus on the legal framework for nursing practice, cultural and spiritual diversity, documentation addressing all body systems for the adult and geriatric client, and maintenance of a safe environment.
- 4 Responsibility and Accountability:
 - discuss ethical and legal standards of nursing practice.
 --- focus on the foundations and the legal framework of nursing practice.
- 5 Organization and Prioritization:
 - identify advanced beginner skills in providing care for a group of patients with defined health deviations interacting with interdisciplinary healthcare team members in a collegial manner with assistance.

Course Content

Lecture/Course Content

50% Part I

1. Foundations of nursing practice
2. Nursing process
3. Legal framework for nursing practice
4. Cultural and spiritual diversity
5. Comprehensive head-to-toe physical assessment and documentation addressing all body systems for the adult and geriatric client
6. Theoretical concepts of skills associated with activities of daily living
7. Maintenance of a safe environment
8. Growth and nutrition

50% Part II

1. Concepts of care pertaining to medication administration
2. Nursing care during the perioperative period
3. Comfort and pain assessment
4. Nursing care for patients with diabetes mellitus
5. Care of patients with basic health deviations of the cardiovascular system
6. Care of patients with basic health deviations of the musculoskeletal system

Laboratory or Activity Content

n/a

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Written expression
 Problem solving exercises

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Group projects
 Objective exams
 Oral presentations
 Problem-solving exams
 Reports/papers
 Classroom Discussion
 Projects
 Participation
 Reports/Papers/Journals

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations
Case studies
Class activities
Class discussions
Collaborative group work
Computer-aided presentations
Distance Education
Field trips
Group discussions
Guest speakers
Large group activities
Lecture
Problem-solving examples
Small group activities
Web-based presentations

Describe specific examples of the methods the instructor will use:

Case study on factors affecting wound development and healing.
Lecture on how to administer medications safely.

Representative Course Assignments

Writing Assignments

1. Written answers to group assignments on safety, nutrition, and other class content.
2. Written analysis of case studies pertaining to the nursing process and head-to-toe assessment.
3. Documentation practice on legal/ethical nursing issues and the nursing process.

Critical Thinking Assignments

1. Analysis of assessment information and data for a client at risk for a pressure injury.
2. Case studies and group assignments analyzing patient assessment information and the nursing process.
3. In-class discussions on legal/ethical nursing issues, the foundations of nursing, and case scenarios regarding course content.

Reading Assignments

1. Completing assigned readings from the medical-surgical nursing textbook.
2. Reading and gathering of information from the Joint Commission's website, an independent, not-for-profit organization that is the nation's oldest and largest standards-setting and accrediting body in health care, for details on the National Patient Safety Goals.

Skills Demonstrations

n/a

Problem-Solving and Other Assignments (if applicable)

Completion of a reading guide on assessing sleep and promoting sleep hygiene.
Completion of assisted learning templates regarding specified topics such as medication classification or stable angina.

Outside Assignments

Representative Outside Assignments

1. Completion of online pre-tests, assessments, and medication calculation practice.
2. Completion of assisted learning templates regarding specified topics such as medication classification or stable angina.

Articulation

Equivalent Courses at 4 year institutions

| University | Course ID | Course Title | Units |
|-----------------|-----------|---|-------|
| CSU East Bay | NURS 2012 | Nursing Theory I | 4 |
| CSU Chico | NURS 283 | Nursing Foundations | 4 |
| CSU Bakersfield | NURS 2120 | Fundamentals of Nursing Practice (Theory) | 3 |

Equivalent Courses at other CCCs

| College | Course ID | Course Title | Units |
|------------------------|-----------------------|--|---------|
| San Diego City College | NRSE 102 and NRSE 103 | Fundamental Nursing Concepts and Skills I & II | 4.5/4.5 |
| College of the Canyons | NURSNG 112 | Foundations of Nursing | 4.25 |

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

F. Ethnic Studies/Gender Studies

Course is CSU transferable

Yes

CSU Baccalaureate List effective term:

Fall 1995

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Harding, Mariann M., et al. *Lewis's Medical-Surgical Nursing: Assessment and Management of Clinical Problems*. 12th ed., Mosby, 2022.

Resource Type

Textbook

Description

Taylor, Carol, Pamela Lynn, and Jennifer Bartlett. *Fundamentals of Nursing: The Art and Science of Person-Centered Nursing Care*. 10th ed., Wolster-Kluwer, 2022.

Resource Type

Textbook

Description

Jarvis, Carolyn and Ann Eckhardt. *Pocket Companion for Physical Examination and Health Assessment*. 9th ed., Elsevier, 2023.

Resource Type

Software

Description

Assessment Technologies Institute. *ATI Comprehensive Assessment and Review Package (CARP)*. Assessment Technologies Institute, (latest edition).

Resource Type

Other Resource Type

Description

Moorpark College Nursing Student Handbook, (current edition).

Resource Type

Other Resource Type

Description

Moorpark College Nursing Science Workbooks, Current Edition; NS 1, Part 1 and Part 2.

Library Resources**Assignments requiring library resources**

Research on assigned projects using the Library's print and online databases specializing in medicine and nursing topics.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Research on assigned nursing topics such as the promoting of activity or exercise for a client with diabetes or a client at risk for a pressure injury.

Distance Education Addendum**Definitions****Distance Education Modalities**

Hybrid (1%–50% online)
 Hybrid (51%–99% online)
 100% online

Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

Regular Effective/Substantive Contact

Hybrid (1%–50% online) Modality:

| Method of Instruction | Document typical activities or assignments for each method of instruction |
|--|--|
| Asynchronous Dialog (e.g., discussion board) | <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics. Instructors will provide students with feedback on the content and quality of assignments and discussion posts.</p> <p>Additionally, instructors may engage students using the following communication activities available in the online classroom: contact students via e-mail within the course shell, by campus e-mail, and/or MyVCCCD.</p> <p>Instructors may involve students in active learning with the following activities: students may complete homework and receive feedback through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; students may submit questions to the instructor by email or ask in person in a virtual classroom; instructor may create student groups or group activities using the online course</p> |
| E-mail Other DE (e.g., recorded lectures) | <p>Contact with students by college or Canvas email</p> <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics.</p> <p>"Announcement" tool to remind students of important assignments and due dates; provide students with an online schedule of class events using the "calendar" tool in the online course shell.</p> <p>Instructors may involve students in active learning with the following activities: students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes.</p> |
| Video Conferencing | <p>Lectures, study sessions.</p> <p>Instructors may involve students in active learning with the following activities: students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; instructor may create student groups or group activities using the online course</p> |

Hybrid (51%–99% online) Modality:

| Method of Instruction | Document typical activities or assignments for each method of instruction |
|--|--|
| Asynchronous Dialog (e.g., discussion board) | <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics. Instructors will provide students with feedback on the content and quality of assignments and discussion posts.</p> <p>Additionally, instructors may engage students using the following communication activities available in the online classroom: contact students via e-mail within the course shell, by campus e-mail, and/or MyVCCCD.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may complete homework and receive feedback through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; students may submit questions to the instructor by email or ask in person in a virtual classroom; instructor may create student groups or group activities using the online course</p> |
| E-mail | Contact with students by college or Canvas email |
| Other DE (e.g., recorded lectures) | <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics.</p> <p>"Announcement" tool to remind students of important assignments and due dates; provide students with an online schedule of class events using the "calendar" tool in the online course shell.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes.</p> |
| Video Conferencing | <p>Lectures, study sessions.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; instructor may create student groups or group activities using the online course.</p> |

100% online Modality:

| Method of Instruction | Document typical activities or assignments for each method of instruction |
|--|---|
| Asynchronous Dialog (e.g., discussion board) | <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics. Instructors will provide students with feedback on the content and quality of assignments and discussion posts.</p> <p>Additionally, instructors may engage students using the following communication activities available in the online classroom: contact students via e-mail within the course shell, by campus e-mail, and/or MyVCCCD.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may complete homework and receive feedback through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; students may submit questions to the instructor by email or ask in person in a virtual classroom; instructor may create student groups or group activities using the online course.</p> |
| E-mail | Contact with students by college or Canvas email |
| Other DE (e.g., recorded lectures) | <p>Online instructors will provide lesson plans that require activities such as reading course material from a mandatory textbook and participating in discussion forums or chat room topics.</p> <p>"Announcement" tool to remind students of important assignments and due dates; provide students with an online schedule of class events using the "calendar" tool in the online course shell.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes.</p> |
| Video Conferencing | <p>Lectures, study sessions.</p> <p>Instructors may involve students in active learning with the following activities:</p> <p>students may view video lessons and/or text-based lessons corresponding to course content and learning objectives; students may complete homework through the online course, and/or using an interactive online homework system provided by a publishing company; students may engage in internet searches and Library online database resources on topics corresponding to course content and learning objectives; students may test their knowledge with interactive online quizzes; students may interact with the instructor and classmates using an online discussion forum to ask questions; instructor may create student groups or group activities using the online course.</p> |

Examinations**Hybrid (1%–50% online) Modality**

On campus
Online

Hybrid (51%–99% online) Modality

On campus
Online

Primary Minimum Qualification

NURSING

Review and Approval Dates**Department Chair**

10/03/2022

Dean

10/04/2022

Technical Review

10/06/2022

Curriculum Committee

10/18/2022

DTRW-I

MM/DD/YYYY

Curriculum Committee

MM/DD/YYYY

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000429491

DOE/accreditation approval date

MM/DD/YYYY