

NS M02: INTERMEDIATE NURSING SCIENCE I

Originator

clee

Co-Contributor(s)
Name(s)

Dieterich, Michelle (mdieterich)

College

Moorpark College

Discipline (CB01A)

NS - Nursing Science

Course Number (CB01B)

M02

Course Title (CB02)

Intermediate Nursing Science I

Banner/Short Title

Intermediate Nursing Science I

Credit Type

Credit

Start Term

Fall 2023

Catalog Course Description

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.

Taxonomy of Programs (TOP) Code (CB03)

1230.00 - *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 for 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

87.5

Maximum Contact/In-Class Lecture Hours

87.5

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

87.5

Total Maximum Contact/In-Class Hours

87.5

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

175

Maximum Outside-of-Class Hours

175

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

262.5

Total Maximum Student Learning Hours

262.5

Minimum Units (CB07)

5

Maximum Units (CB06)

5

Prerequisites

NS M01 and NS M01L

Corequisites

NS M02L

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.

Entrance Skills

Entrance Skills

NS M01 and NS M01L

Prerequisite Course Objectives

NS M01-Safety/Technical Skills:

- 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.

NS M01-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.

NS M01-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.

NS M01-Responsibility and Accountability:

- discuss ethical and legal standards of nursing practice.

— focus on the foundations and the legal framework of nursing practice.

NS M01-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.

NS M01L-Organization and Prioritization: - demonstrate advanced beginner skills in providing care for a group of patients with defined health deviations while interacting with interdisciplinary healthcare team members in a collegial manner with assistance.

NS M01L-Responsibility and Accountability: - demonstrate ethical and legal standards of nursing practice.

NS M01L-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.

NS M01L-Critical Thinking and Clinical Reasoning: - implement fundamental and beginning medical-surgical clinical decision-making with assistance, utilizing the nursing process applied to diverse adult and geriatric individuals and support systems. - develop a plan of care for diabetes mellitus, basic health deviations of the cardiovascular system, and health deviations of the musculoskeletal system. - provide patient-centered care during the perioperative period including pain management.

NS M01L-Safety/Technical Skills: - provide caring, safe, technically competent fundamental and beginning medical-surgical patient-centered primary nursing care to 1-2 patients with common, acute and chronic health and self-care needs of adult and geriatrics in common and emerging healthcare settings. - assist the patient with activities of daily living, provide safe medication administration and IV maintenance, and identify actual and potential health deviations.

Requisite Justification

Requisite Type

Prerequisite

Requisite

NS M01

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Required by statute or regulation

Requisite Type

Prerequisite

Requisite

NS M01L

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Required by statute or regulation

Requisite Type

Corequisite

Requisite

NS M02L

Requisite Description

Corequisite

Level of Scrutiny/Justification

Required by statute or regulation

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 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 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 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 intermediate-level knowledge, skills and attitudes essential to the function of Registered Nurses in common and emerging healthcare settings. |
|---|---|

- 2 demonstrate intermediate-level 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.

Course Objectives

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

- | | |
|---|---|
| 1 | Safety/Technical Skills:
- describe caring, safe, technically competent patient-centered primary nursing care to patients with common, acute and chronic health and self-care needs of maternal, newborn, pediatric, and adult patients in common and emerging healthcare settings. |
| 2 | Critical Thinking and Clinical Reasoning:
- discuss the implementation of clinical decision-making concepts with assistance.
- utilize the nursing process applied to diverse maternal, newborn, pediatric, and adults with health deviations including basic respiratory, peripheral vascular disease, hematology and oncology, and basic gastrointestinal disease processes in common and emerging health care settings. |
| 3 | Communication:
- discuss the development of 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. |
| 4 | Responsibility/Accountability:
- identify ways to implement ethical and legal standards of nursing practice and verify that patient care is within the ethical and legal framework of nursing. |
| 5 | Organization/Prioritization:
- identify competent management skills in providing care for a group of patients with common to complex health deviations, revising care accordingly, and collaborating with interdisciplinary healthcare team members in a collegial manner with minimal assistance. |

Course Content

Lecture/Course Content

25% Apply the nursing process to pediatric clients: newborn, toddler, preschool, school age, and adolescent

25% Apply the nursing process to gynecological and obstetrical clients

50% Apply the nursing process to adult clients with basic respiratory disorders, basic hematological/ oncological disorders, alterations in nutrition and gastrointestinal function, and peripheral vascular disease.

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

Problem-solving exams

Quizzes

Classroom Discussion

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

Computer-aided presentations
 Distance Education
 Field trips
 Group discussions
 Guest speakers
 Lecture
 Problem-solving examples
 Readings
 Role-playing
 Small group activities
 Web-based presentations
 Other (specify)

Specify other method of instruction

Flipped classroom active learning techniques.

Describe specific examples of the methods the instructor will use:

Guest speaker on cancer topic.
 Unfolding case study regarding pregnancy induced hypertension.
 PowerPoint presentation on assessment of the young school-aged child.

Representative Course Assignments

Writing Assignments

- Complete written in-class worksheets which require analysis of laboratory data of arterial blood gases and determination of pathophysiological processes.
- Write responses to medication information worksheets related to peripheral vascular disease.
- Complete a written concept map addressing the assigned reading prior to the lecture on self-care deficits in elimination for pediatric clients.

Critical Thinking Assignments

- Analyze data and determine nursing priorities in an unfolding case study concerning pneumonia in geriatric clients.
- Develop practice-exam questions at the Bloom's Taxonomy level of "application" or higher, based on maternal-neonatal subject matter.

Reading Assignments

Read assigned chapters on contemporary issues and trends in pediatric care.
 Read the sections pertaining to maternal clients and children on the HealthyPeople.gov website.
 Read an article or assigned text on nursing implications for care of the adult client with ulcerative colitis.

Skills Demonstrations

n/a

Problem-Solving and Other Assignments (if applicable)

Online chat to review concepts prior to the exam on peripheral vascular disease.
 Completion of unfolding case studies regarding pediatric disorders.

Outside Assignments

Representative Outside Assignments

- Review pertinent, professional, peer-reviewed journal articles relating to labor and delivery.
- Complete reading guides prior to lecture pertaining to pediatric growth and development.
- Complete reading guide pertaining to anemia prior to lecture on the topic.

Articulation

Equivalent Courses at 4 year institutions

University	Course ID	Course Title	Units
CSU Long Beach	NURSG 250	Intermediate Nursing Health Care	6
CSU San Bernardino	NURSG 220	Intermediate Nursing Process, Roles, and Skills	4
CSU East Bay	NURS 2308	Clinical Nursing Practice II	4

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

DescriptionPerry, Shannon, et al. *Maternal Child Nursing Care*. 7th ed., Mosby, 2023.**Resource Type**

Textbook

DescriptionLynn, Pamela. *Taylor's Clinical Nursing Skills: A Nursing Process Approach*. 6th ed., Wolters Kluwer, 2022.**Resource Type**

Textbook

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

Software

DescriptionAssessment 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).

Library Resources

Assignments requiring library resources

Using the Library's print and online resources, locate peer-reviewed journal articles concerning maternal, pediatric, and adult clients; may include such topics as vaccination safety and pernicious anemia.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Using the Library's print and online resources, locate peer-reviewed journal articles concerning maternal, pediatric, and adult clients; may include such topics as vaccination safety and pernicious anemia.

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	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: 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: 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: 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>

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: 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: 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>

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

CCC000435310

DOE/accreditation approval date

MM/DD/YYYY