



# **ILLINOIS VALLEY COMMUNITY COLLEGE**

## **COURSE OUTLINE**

**DIVISION: Nursing Division**

**COURSE: NUR 1202 Fundamentals of Nursing II**

Date: Fall 2019

Credit Hours: 4

Prerequisite(s): Successful completion of NUR 1201; concurrent enrollment or completion of BIO 1007, BIO 1009, ALH 1002

Delivery Method:  **Lecture**                      **2.5 Contact Hours** (1 contact = 1 credit hour)  
 **Seminar**                              **0.125 Contact Hours** (1 contact = 1 credit hour)  
 **Lab**    **1.5 Contact Hours** (2-3 contact = 1 credit hour)  
 **Clinical**                                      **1.375 Contact Hours** (3 contact = 1 credit hour)  
 **Online**  
 **Blended**

Offered:  **Fall**     **Spring**     **Summer**

IAI Equivalent –**Only for Transfer Courses**–go to <http://www.itransfer.org>:

### **CATALOG DESCRIPTION:**

A basic course in nursing which expands the knowledge and skills acquired in Fundamentals of Nursing I. The content incorporates holistic wellness and health restoration across the life span focusing on medication administration, principles of asepsis, elimination, fluid and electrolytes, oxygenation, and perioperative and wound care. Campus lab experiences enhance development of dexterity and proficiency of nursing skills. Supervised practice in the clinical area provides students opportunities to implement critical thinking, therapeutic nursing skills, communication skills, and care management in providing patient care.

## GENERAL EDUCATION GOALS ADDRESSED

*[See last page for Course Competency/Assessment Methods Matrix.]*

### Upon completion of the course, the student will be able:

*[Choose up to three goals that will be formally assessed in this course.]*

- To apply analytical and problem solving skills to personal, social, and professional issues and situations.
- To communicate successfully, both orally and in writing, to a variety of audiences.
- To construct a critical awareness of and appreciate diversity.
- To understand and use technology effectively and to understand its impact on the individual and society.
- To develop interpersonal capacity.
- To recognize what it means to act ethically and responsibly as an individual and as a member of society.
- To recognize what it means to develop and maintain a healthy lifestyle in terms of mind, body, and spirit.
- To connect learning to life.

## EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:

*[Outcomes related to course specific goals. See last page for more information.]*

### Upon completion of the course, the student will be able to:

- 1. Nursing Judgment: Recognize the nurse's role and responsibility in using nursing judgment to make clinical decisions.**
  - 1.1 Understand the nurse's legal responsibilities in drug prescription and the administration of drugs by any route to any age group.
  - 1.2 Assess essential data of a potential or actual infectious process in clients.
  - 1.3 Understand the legal limits of nursing responsibilities in maintaining an IV infusion.
  - 1.4 Identify the essential features of an informed consent for surgery.
  - 1.5 Understand the limits of surgical care that is expected of a student nurse.
  - 1.6 Identify and record the data relevant to a client's health status and determine appropriate nursing diagnoses.
  - 1.7 Assess clients' fluid status for imbalances.
  - 1.8 Assess clients for the possibility of hypovolemic shock.
  - 1.9 Assess clients for electrolyte and/or acid-base imbalances.
  - 1.10 Assess the postsurgical client's health status to promote a normal recovery.
  - 1.11 Assess and record a client's oxygen needs and determine the nursing measures to maintain or attain normal respiratory function.
  - 1.12 Assess clients for urinary and fecal elimination patterns.
- 2. Communication: Identify and begin to utilize basic communication methods and techniques in various settings.**
  - 2.1 Identify positive and negative types of communication observed in the

- hospital setting.
- 2.2 Begin to use basic therapeutic communication techniques in providing nursing care to patients in the hospital setting.
  - 2.3 Begin to develop a nonjudgmental attitude when communicating with diverse populations.
  - 2.4 Respectfully communicate with peers, instructors, and agencies' staff.
  - 2.5 Accurately document assessments, procedures, and any nursing interventions related to patient care in the hospital setting.
  - 2.6 Begin to recognize and provide teaching based on the needs of the patient and significant others.
  - 2.7 Formulate nursing care plans using measurable, realistic goals and individualized, attainable nursing measures.
  - 2.8 Discuss the involvement of the nursing process in care of a client with the administration of medication, IV therapy, wound care, surgical care, and care of a client with acid/base imbalances, shock, elimination and oxygen needs.

**3. Therapeutic Nursing: Describe and demonstrate therapeutic nursing and evidenced-based nursing interventions in providing holistic care to clients/aggregates.**

- 3.1 Evaluate the factors that determine the best method of drug route administration.
- 3.2 Identify the correct equipment / supplies required for injections.
- 3.3 Identify the essential steps in mixing selected drugs.
- 3.4 Differentiate between medical and surgical asepsis.
- 3.5 Describe the links in the chain of infection.
- 3.6 Recognize the differences in changing a dressing of a sterile/clean wound from an aseptic wound.
- 3.7 Describe fluid distribution and movement in the body.
- 3.8 Differentiate the major electrolytes of the body and the importance of each.
- 3.9 Explain how the major body regulators for acid-base imbalance may be affected by illnesses.
- 3.10 Describe hypovolemic shock.
- 3.11 Describe the uses and types of intravenous (IV) therapy.
- 3.12 Describe common classifications of surgery.
- 3.13 List the required preoperative data needed about a patient and relate the nursing responsibilities involved.
- 3.14 Identify the factors that increase the surgical risks in clients.
- 3.15 Identify common postoperative complications.
- 3.16 Describe the wound healing process and identify the factors that could inhibit or promote it.
- 3.17 Describe the types and purposes of commonly used wound drains.
- 3.18 Explain the types of dressings needed to properly dress a wound.
- 3.19 Explain the reasons and uses of different types of gastrointestinal intubations.
- 3.20 Describe the nursing responsibilities of inserting, irrigating, and maintaining

- the patency of a gastric tube.
- 3.21 Describe the factors that affect oxygenation.
- 3.22 Identify the common alterations in respiratory functioning: hyperventilation, hypoventilation, and hypoxia.
- 3.23 As the opportunity occurs, demonstrate respiratory procedures: obtain an oximetry reading, oropharyngeal suctioning, teach the use of incentive spirometer, and/or apply an oxygen support device.
- 3.24 As the opportunity arises, obtain body specimens for laboratory analysis.
- 3.25 Explain the physiological aspects of normal urinary and bowel elimination.
- 3.26 Compare and contrast common alterations in urinary and bowel elimination.
- 3.27 Describe common nursing interventions that will maintain or attain normal elimination.

**4. Quality and Safety: Recognize the importance of continuous quality and safety initiatives to improve client care and outcomes.**

- 4.1 Demonstrate the correct steps in administering drugs via oral, topical, ophthalmic, otic, nasal, inhalation, vaginal, and rectal to various age groups.
- 4.2 Precisely locate the sites for intradermal, subcutaneous, and intramuscular injections.
- 4.3 Demonstrate how to correctly assess for, draw up, and administer insulin and other medications from a vial.
- 4.4 Practice nursing measures necessary to prevent the chain of infection.
- 4.5 Identify the measures to provide isolation for a client's benefit.
- 4.6 Demonstrate 100% aseptic technique in applying sterile gloves, inserting urinary catheters, and applying sterile dressings.
- 4.7 Demonstrate how to properly clean and dress a wound.
- 4.8 Demonstrate the basic nursing responsibilities in maintaining an IV infusion.
- 4.9 Discuss some common IV medications and how to administer them safely and correctly.

**5. Care Management: Describe the planning and provision of care.**

- 5.1 Recognize the roles of health care members in the hospital setting.
- 5.2 Participate as a member of the health care team in the hospital setting.
- 5.3 Create a caring environment in which a client can be respected, nurtured, and recognized as a unique individual.
- 5.4 Provide complete nursing care, including medications, to one client in the hospital setting.
- 5.5 List factors to consider in setting priorities when providing care in the hospital setting.
- 5.6 Begin to collaborate with clients and hospital staff to develop realistic, patient-centered goals.
- 5.7 Utilize the nursing process in planning the care for a client with problems related to course topics.

**6. Community: Identify the individual uniqueness and available resources for clients and communities.**

- 6.1 Recognize the need for participation of significant others as appropriate.
- 6.2 Begin to recognize the use of community health resources for client use.
- 6.3 Identify the impact of health care economics on care management.
- 6.4 Participate in community health needs by providing nursing services for immunizations as available.

**7. Professionalism: Identify attributes of professional behavior.**

- 7.1 Develops self-reflection of performance through clinical journals.
- 7.2 Recognizes professional behaviors among health care professionals.

**MAPPING LEARNING OUTCOMES TO GENERAL EDUCATION GOALS**

*[For each of the goals selected above, indicate which outcomes align with the goal.]*

<b>Goals</b>	<b>Outcomes</b>
First Goal	
To communicate successfully, both orally and in writing, to a variety of audiences.	2. Communication: Identify and begin to utilize basic communication methods and techniques in various settings.
Second Goal	
To develop interpersonal capacity.	7. Professionalism: Identify attributes of professional behavior.
Third Goal	
To recognize what it means to act ethically and responsibly as an individual and as a member of society.	1. Nursing Judgment: Recognize the nurse's role and responsibility in using nursing judgment to make clinical decisions.

## **COURSE TOPICS AND CONTENT REQUIREMENTS:**

Medication Administration  
Drug delivery and routes of administration  
Content covered during first week of course. Test questions on all exams.  
Asepsis/Infection Control  
Immunity and Inflammation  
Isolation Techniques  
Wound Care  
Perioperative Care  
Fluid Balances and Imbalances  
Intravenous Therapy  
Electrolyte Balance and Imbalances  
Acid/Base Balance and Imbalances  
Oxygenation  
Hypovolemic/ Septic Shock  
Urinary and Fecal Elimination  
Nasogastric Tubes

## **INSTRUCTIONAL METHODS:**

Lecture	Demonstrations
Discussion	Return Demonstrations
Seminars	Computer programs
Clinical practice and evaluation	Audio-visual
Written projects	Exams
Case Studies	Guest speaker
Simulations	Class activities
Adaptive Learning software	Podcasts

## **INSTRUCTIONAL MATERIALS:**

Textbooks  
Handouts  
Audio-visual  
Computer programs

## **STUDENT REQUIREMENTS AND METHODS OF EVALUATION:**

A= 93-100%  
B= 86-92%  
C= 80-85%  
D= 70-79%  
F= Below 70%

## OTHER REFERENCES REQUIRED

Ackley, B. J., & Ladwig, G. B. (2020). *Nursing Diagnosis Handbook, (12<sup>th</sup> Ed)*. C.V.Mosby ISBN9780323551120

Hubert, R.J. & VanMeter, K.C. (2018). *Gould's Pathophysiology for the Health Profession (6<sup>th</sup> ed.)*. Saunders Elsevier. ISBN: 978-0-323-41442-5

LaCharity, L., Kumagai, C. K., & Bartz, B. (2019). *Prioritization, Delegation, and Assignment (4<sup>th</sup> ed)*. Mosby-Elsevier ISBN: 978-0-323-49828-9

Lilley, L.L, Collins, S.R., & Snyder, J.S. (2019). *Pharmacology and the Nursing Process (9<sup>th</sup> ed)*. St.Louis: Elsevier

*Mosby Medical and Nursing Allied Health Dictionary (10<sup>th</sup> ed)*, 2016. C.V. Mosby, St.Louis ISBN:978-0-323-22205-01

\*\*\*\*\*OR\*\*\*\*\*YOU ONLY NEED TO PURCHASE ONE

*Taber's Cyclopedic Medical Dictionary (23<sup>rd</sup> ed)*, 2013. F.A. Davis, ISBN: 978-0-8036-5904-9

Nugent, P., & Vitale, B. (2019). *Fundamental Success (5<sup>th</sup> ed)*. F.A. Davis. ISBN-13: 978-0-8036-7745-6

\*Potter, P. A., Perry, A. G., Stockert, P.A., & Hall, A. M. (2017). *Fundamentals of Nursing, (9<sup>th</sup> ed.)*. Mosby ISBN 9780323327404 (e-book ISBN: 9780323400084)

Sylvestri, L (2016). *HESI Online Comprehensive Review for the NCLEX-R Exam (2<sup>nd</sup> ed)*. Elsevier (ISBN: 9780323397636)

Vanleeuwen, A.M., & Bladh, M.L. (2015). *Davis' Comprehensive Handbook of Laboratory and Diagnostic Tests: With Nursing Implications*. FA Davis ISBN: 947-0-8036-7495-0

\*Wilson, S. F., & Giddens, J. F. (2017). *Health Assessment for Nursing Practice (6<sup>th</sup> ed)* Elsevier Mosby ISBN: 9780323377768 (e-book ISBN: 9780323377805)

Wilson, S.F. & Giddens, J.F. (2017).: *Student Laboratory Manual for Health Assessment for Nursing Practice (6<sup>th</sup> ed)*. Elsevier Mosby ISBN: 9780323377836

### **Electronic Resources:**

Mosby's Nursing Skills video ISBN: Evolve Case Studies  
Elsevier Adaptive Quizzing for NCLEX

**Other:** IVCC NUR 1202 Lecture Notes & Lab Notes, IVCC Nursing Handbook (2019-20)

Course Competency/Assessment Methods Matrix

(Dept/# Course Name)		Assessment Options																														
For each competency/outcome place an "X" below the method of assessment to be used.	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignment
	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D						
1. Nursing Judgment: Recognize the role and responsibility in using nursing judgment to make clinical decisions		X	X	X	X	X			X	X		X	X	X			X	X	X	X			X	X	X						X	
1.1 Understand the nurse's legal responsibilities in drug prescription and the administration of drugs by any route to any age group		X	X	X	X	X			X	X		X	X	X			X	X	X	X			X	X	X						X	
1.2 Assess essential data of a potential or actual infectious process in clients.		X	X	X	X	X			X	X		X	X	X			X	X	X	X			X	X	X						X	
1.3 Understand the legal limits of nursing responsibilities in maintaining an IV infusion		X	X	X	X	X			X	X		X	X	X			X	X	X	X			X	X	X						X	
1.4 Identify the essential features of an informed consent for surgery		X	X	X	X	X			X	X		X	X	X			X	X	X	X			X	X	X						X	





2.5 Accurately document assessments, procedures, and any nursing interventions related to patient care in the hospital setting			X	X	X	X	X				X	X					X	X	X	X							X
2.6 Begin to recognize and provide teaching based on the needs of the patient and significant others		X	X	X	X	X				X	X						X	X	X	X						X	
2.7 Formulate nursing care plans using measurable, realistic goals and individualized, attainable nursing measures		X	X	X	X	X				X	X						X	X	X	X						X	
2.8 Discuss the involvement of the nursing process in care of a client with the administration of medication, IV therapy, wound care, surgical care, and care of a client with acid/base imbalances, shock, elimination, and oxygen needs		X	X	X	X	X				X	X						X	X	X	X						X	
3. Therapeutic Nursing: Describe and demonstrate therapeutic nursing and evidenced-based nursing interventions in providing holistic care to clients/aggregates.		X	X	X	X	X				X	X						X	X	X	X						X	
3.1 Evaluate the factors that determine the best method of drug route administration.		X	X	X	X	X				X	X						X	X	X	X						X	
3.2 Identify the correct equipment / supplies for injections		X	X	X	X	X				X	X						X	X	X	X						X	
3.3 Identify the essential steps in mixing selected drugs		X	X	X	X	X				X	X						X	X	X	X						X	
3.4 Differentiate between medical and surgical asepsis		X	X	X	X	X				X	X						X	X	X	X						X	
3.5 Describe the links in the chain of infection		X	X	X	X	X				X	X						X	X	X	X						X	
3.6 Recognize the difference in changing a dressing of a sterile / clean wound from an aseptic wound		X	X	X	X	X				X	X						X	X	X	X						X	







6. Community: Identify the individual uniqueness and available resources for clients and communities.			X	X	X	X	X					X	X					X	X	X	X	X											X
6.1 Recognize the need for participation of significant others as appropriate		X	X	X	X	X				X	X			X	X	X			X	X	X	X	X	X								X	
6.2 Begin to recognize the use of community health resources for client use		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	
6.3 Identify the impact of health care economics on care management		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	
6.4 Participate in community health needs by providing nursing services for immunizations as available		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	
7. Professionalism: Identify attributes of professional behavior		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	
7.1 Develop self-reflection of performance through clinical journals		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	
7.2 Recognize professional behaviors among health care professionals		X	X	X	X	X				X	X			X	X	X	X			X	X	X	X	X	X							X	