

# Course Offerings



# JERSEY COLLEGE

Updated: January 2023

# Course Numbering

Courses offered at Jersey College are identified by an alphabetical prefix (up to three letters) showing the area of education (e.g., humanity, mathematics, natural science and social science courses), followed by a three digit numerical suffix (and for certain courses broken into multiple terms, an alphabetic course section) for the individual course.

The following provides an index for the alphabetical prefix for courses:

BIO = Biological Science

COM = Computers

ECO = Economics

ENG = English

HSC = Health Science

HUN = Human Nutrition

MAT = Mathematics

NUR = Nursing

NUS = Nursing Support and Health Science

PHH = Philosophy

PSY = Psychology

SOC = Sociology

The course suffix numbers range from 100 to 299. The numbers differentiate courses that are appropriate for particular populations of students. Non-degree coursework is associated with course numbers between 100 - 199 and undergraduate degree coursework encompasses 200 - 499. General education courses include all courses other than courses with the suffix NUR or NUS.

## Clock Hours

A clock hour as defined by the federal government means a 60-minute period consisting of 50 to 60 minutes of instruction, recitation, laboratory or other academic related work. A clock hour as defined by the Commission for Independent Education means a period of 60 minutes with a minimum of 50 minutes of instruction in the presence of an instructor. Jersey College has allotted the following—for multiple-hour didactic classes each full 60-minute clock hour will be comprised of a 50-minute class hour in the presence of an instructor and a 10-minute break. Didactic classes scheduled with partial clock hours do not include a break. Clinical and laboratory classes run consecutively, breaks are scheduled after a minimum of two and half hours of class.

## Credit Hours

### Quarter Credit Hour

One quarter credit hour consists of (at a minimum):

- 10 clock hours of classroom instruction and 20 clock hours of outside assignments
- 20 clock hours of lab and ten clock hours of outside assignments
- 30 clock hours of practicum experiences (clinical or nursing labs)<sup>1</sup>

### Semester Credit Hour

One semester credit hour consists of (at a minimum):

- 15 clock hours of classroom instruction and 30 clock hours of outside assignments
- 30 clock hours of lab and 15 clock hours of outside assignments
- 45 clock hours of practicum experiences (clinical or nursing labs)<sup>2</sup>

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1 Clinical and lab experiences associated with NUR and NUS courses.

2 Id.

## Course Descriptions

The following courses are offered by Jersey College. All courses may not be offered at all campuses and some courses may be offered through a consortium or other similar agreement. Certain courses may have multiple sections. Sections may have at different schedules, instructors, evaluation methods, course activities, etc. Courses may be taken in any order, subject to pre and co-requisite restrictions and Level restrictions as set forth in the Academic Catalog of the College and course syllabi.

### 100 COURSES

**NUR101 Fundamentals of Nursing.** This course introduces the student to the art and science of nursing care, including its history and current trends. Subsequent courses are built upon the concepts and skills learned in this course. The course concerns man as a holistic being with basic human needs, emphasizing the assessment of functional health patterns of the patient across the life span. Basic nursing concepts discussed in this course include health promotion, the nursing process, ethical/legal aspects of nursing, nutrition, health across the life span, critical thinking, nursing skills, nursing care plans, risk factors, individual education, family involvement, cultural diversity, growth and development, interpersonal/communication skills, professional adjustments and other related areas. The importance of organization, time management, effective study skills, and test-taking strategies is also emphasized in this course. The course also addresses application of wellness and disease concepts, the death and dying process, safety/security procedures, and diagnostic procedures utilized in the health care setting. (140.5 clock hours)

**NUR102 Fundamentals of Nursing Practicum.** This practicum will develop the skills necessary for the student to deliver total care to the adult. The practicum emphasizes safety, legal, ethical, and pharmacological issues and incorporates care of the adult dealing in a variety of in-patient, outpatient and community settings. The practicum also includes a review of basic math skills (including systems of measurement and conversion between systems) and calculation of drug dosages. (156.5 clock hours)

**NUR103 Adult Nursing I.** This course introduces the student to the concepts of medical-surgical nursing in the sub-acute environment. The course involves the study of simple to moderately complex deviations from normal health in adult patients. The course places emphasis on application of adult developmental theory, cultural diversity, therapeutic communication and legal/ethical approaches to helping adults return to health after experiencing common alterations in health relating to nutrition, metabolism, sexuality, sensory perception and sensation health problems. Basic classifications of disease states, their manifestations and nursing interventions are discussed and explored in the course. The concepts of body mechanics, pharmacology, interpersonal relationships, communication, nutrition and diet therapy, and the physical and biological sciences are also studied. This course is designed to help the student apply the acquired knowledge from previous courses to adult nursing and upgrade basic skills with those necessary to meet the needs of the moderately and chronically ill patient. (146 clock hours)

**NUR104 Adult Nursing I Practicum.** This practicum provides the student with the opportunity to build on acquired knowledge and skills from the fundamentals of nursing practicum and to practice and develop skills in other areas, including administration of medications, care plans, patient and family education, and the role of the practical nurse in providing care for medical-surgical patients. Basic medical-surgical nursing care is directed toward the adult in the sub-acute setting in this practicum. (148.5 clock hours)

**NUR105 Mental Health Nursing.** This course focuses on mental health and psychopathological nursing care. Specifically, the nurse's role in promoting mental health for psychiatric and behavioral phenomena (e.g., anxiety, mood, personality, substance abuse, and psychotic disorders) is discussed. The course also explores addictive illnesses and their resulting behaviors and implications on nursing care, including chemical dependence, food addictions, and other addictive behaviors. Effective treatment modalities are also reviewed in this course. This course includes a practicum. (204 clock hours)



**NUR106 Maternal and Pediatric Nursing.** This course explores health promotion and illness prevention of women from the prenatal to postnatal period and the growth and development of the newborn from conception to adolescence. Normal growth and development, as well as deviations from normal, are explored in the course. The course focuses on nursing care concepts necessary to provide a safe, effective care environment for the mother, newborn and child, including addressing psychosocial coping, adaptation, and physiological integrity for women, neonates, and their significant others. The course explores the integration of concepts relevant to medication administration/ pharmacology, diet and nutrition, cultural and religious diversity, health teaching and legal/ethical issues related to maternal and pediatric care. This course includes a practicum that can occur in a variety of settings (e.g., simulation laboratories, acute care facilities, child health care facilities, community care and observation of children in nursery or day care settings). (204 clock hours)

**NUR107 Adult Nursing II.** This course is designed to provide the student with the knowledge and skills necessary to provide nursing care to adult patients in the acute care setting and prepare students for licensure. The course covers both nursing care before, during and after surgical procedures and treatment of acute and chronic medical conditions requiring hospitalization. Pharmacotherapeutics, as well as nutrition, psychosocial, legal and ethical aspects of care are incorporated into the course. Leadership skills, such as delegating to the health care team members, effective communication with health care professionals, and time management are also explored in this course. In addition, the course also includes a review of the essential nursing concepts and content required for beginning practice as a practical nurse. Students must demonstrate mastery of nursing knowledge across disciplines.<sup>3</sup>

This course also includes a practicum. The practicum provides the student with the opportunity to further build their skills in applying the nursing principles in meeting the needs of acute patients and practicing and understanding the role of the practical nurse in providing care for surgical and medical patients. (275 clock hours)

**NUR108 Adult Nursing II.** This course is designed to provide the student with the knowledge and skills necessary to provide nursing care to adult patients in the acute care setting and prepare students for licensure. The course covers both nursing care before, during and after surgical procedures and treatment of acute and chronic medical conditions requiring hospitalization. Pharmacotherapeutics, as well as nutrition, psychosocial, legal and ethical aspects of care are incorporated into the course. Leadership skills, such as delegating to the health care team members, effective communication with health care professionals, and time management are also explored in this course. In addition, the course also includes a review of the essential nursing concepts and content required for beginning practice as a practical nurse. Students must demonstrate mastery of nursing knowledge across disciplines.<sup>4</sup>

This course also includes a practicum. The practicum provides the student with the opportunity to further build their skills in applying the nursing principles in meeting the needs of acute patients and practicing and understanding the role of the practical nurse in providing care for surgical and medical patients. (317 clock hours)

**NUR150 Fundamentals of Nursing.** This course introduces the student to the art and science of nursing care, including its history and current trends. Subsequent courses are built upon the concepts and skills learned in this course. The course emphasizes individuals as holistic beings with basic human needs, emphasizing the determination of functional health patterns of the patient across the life span. Basic nursing concepts discussed in this course, include health promotion, the nursing process, legal/ ethical aspects of nursing, health across the life span, critical thinking, nursing care plans, individual education, family involvement, cultural diversity, growth and development, interpersonal/ communication skills, professional adjustments and other related areas. The major periods of life-span development (infancy, early childhood, middle childhood, adolescence, early adulthood, middle adulthood, and late adulthood) are introduced into this course. The course also addresses application of wellness and disease concepts, the death and dying process, safety/security procedures, and diagnostic procedures utilized in the health care setting. (61 clock hours)

<sup>3</sup> Repeating students will be enrolled in Section B of this course.

<sup>4</sup> Id.

**NUR151 Fundamentals of Nursing Practicum.** This practicum will develop the skills necessary for the student to deliver total care to the adult. The practicum emphasizes safety, legal, ethical, and pharmacological issues and incorporates care of the adult dealing in a variety of in-patient, outpatient and community settings. The practicum also includes a review of basic math skills (including systems of measurement and conversion between systems) and calculation of drug dosages. (152 clock hours)

**NUR153 Adult Nursing I Practicum.** This practicum provides the student with the opportunity to build on acquired knowledge and skills from the Fundamentals of Nursing Practicum and to practice and develop skills in other areas, including administration of medications, care plans, patient and family education, and the role of the practical nurse in providing care for medical-surgical patients. Basic medical-surgical nursing care is directed toward the adult in the sub-acute settings in this practicum. (176 clock hours)

**NUR157 Maternal and Newborn Nursing.** This course explores individualized health promotion and maintenance during the neonatal and women's reproductive life stages of growth and development. The course content expands concepts necessary to provide a safe, effective care environment promoting individual development for both mother and child, psychosocial coping, adaptation and physiological integrity for women, neonates, and their significant others, in diverse settings. Didactic content and clinical experience will integrate relevant concepts of critical thinking in the nursing process, caring, communication, cultural awareness, documentation, self-care, and teaching/learning. Concepts relevant to medication administration/pharmacology, diet and nutrition, cultural and religious diversity, health teaching and legal/ethical issues are incorporated into the course. (79 clock hours)

**NUR158 Maternal and Newborn Nursing Practicum.** This practicum provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skill in selected procedures, to apply nursing principles in meeting the needs of the obstetrical patient and the newborn and to practice the role of the practical nurse as a member of the health care team and to participate in the health and wellness aspects of the patient and family. Knowledge and skill development may take place in hospitals, community agencies, and/or simulation labs. (48 clock hours)

**NUR159 Pediatric Nursing.** This course focuses on the growth and development of the newborn through the adolescent. Normal growth and development, as well as, deviations from normal, are explored. To integrate holistic care for the individual and the family, concepts relevant to medication administration/pharmacology, diet and nutrition, cultural and religious diversity, health teaching and legal/ethical issues are incorporated into the course. (79 clock hours)

**NUR160 Pediatric Nursing Practicum.** This practicum develops the student's knowledge and skills in pediatrics. The practicum may take place in the simulation labs and various child health care facilities, including nursery or day care settings. The practicum provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skill in selected procedures, to apply nursing principles in meeting the needs of the pediatric patient and to practice the role of the practical nurse as a member of the health care team and to participate in the health and wellness aspects of the pediatric patient and their family. (48 clock hours)

**NUR161 Adult Nursing II.** This course is designed to provide the student with the knowledge and skills necessary to provide nursing care to adult patients in an acute care setting. The course covers both nursing care before, during and after surgical procedures and treatment of acute and chronic medical conditions requiring hospitalization. Pharmacotherapeutics, as well as, nutrition, psychosocial, legal and ethical aspects of care are incorporated into the course. Leadership skills, such as delegating to the health care team members, effective communication with health care professionals, and time management are also explored in this course.<sup>5</sup> (178 clock hours)

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<sup>5</sup> Repeating students will be enrolled in Section B of this course.

**NUR162 Adult Nursing II Practicum.** This practicum builds on the skills developed in Adult Nursing I. Problem-solving skills and clinical judgment as components of the nursing process are emphasized in the practicum. In the practicum, students employ the nursing process for adult clients and families in an acute care setting and learn about the assistive role of the practical nurse in caring for patients with complex health patterns. The practicum provides the student with the opportunity to further build their skills in applying the nursing principles in meeting the needs of acute patients and practicing and understanding the role of the practical nurse in providing care for medical patients. (192 clock hours)

**NUR163 Adult Nursing I.** This course introduces the student to the concepts of medical-surgical nursing. The course involves the study of simple to moderately complex deviations from normal health in adult and geriatric patients. The course places emphasis on application of adult developmental theory, cultural diversity, therapeutic communication and legal/ethical approaches to helping adults return to health after experiencing common alterations in health relating to nutrition, metabolism, sexuality, sensory perception and sensation health problems. Basic classifications of disease states, their manifestations and nursing interventions are discussed and explored in the course. The concepts of body mechanics, pharmacology, interpersonal relationships, communication, nutrition and diet therapy, and the physical and biological sciences are also studied. (127 clock hours)

**NUR164 Psychiatric Nursing.** This course focuses on mental health and psychopathological nursing care. Specifically, the nurse's role in promoting mental health for psychiatric and behavioral phenomena (e.g., anxiety, mood, personality, substance abuse, and psychotic disorders) is discussed. The course also explores addictive illnesses and their resulting behaviors and implications on nursing care, including chemical dependence, food addictions, and other addictive behaviors. Effective treatment modalities are also reviewed in this course. (79 clock hours)

**NUR165 Psychiatric Nursing Practicum.** Clinical activities in this practicum focus on critical thinking and clinical decision-making skills in the care of adult and geriatric patients and individuals with long-term care, mental health and rehabilitative needs. Clinical practice may take place in hospitals, long-term care facilities, community agencies, and/or simulation labs. (48 clock hours)

**NUS101 Human Anatomy and Physiology.** This course is a presentation of the essential anatomy and physiology of the human body. Students will gain knowledge of the structure and function of the human body, as well as the relationship between anatomy and physiology. The course begins at the cellular level and concludes with the interactions among all body systems as an integrated whole. The body systems covered include the following: endocrine, blood, lymphatic, cardiovascular, respiratory, integumentary, immune, nervous, reproductive, urinary, digestive, skeletal and muscular systems. This course also examines the nutritional requirements of the human body as well as the effects of alcohol, illegal drugs and steroids on the body. Basic concepts of medical terminology are also explored in this course. (91 clock hours)

**NUS102 Pharmacology.** This course is designed to give the student an understanding of specific drug groups emphasizing physiological classifications and generic nomenclature. The course integrates the knowledge of physiology, chemistry, nursing fundamentals, calculations, interpretation of medication orders, as well as the knowledge and ability to administer medications safely. Discussion of specific physiological drug groups are organized according to their use in treating alterations in health and disease processes. The systematic problem solving approach is applied to the administration of medications emphasizing the following: identifying the altered health pattern for which the medication is administered, promoting and monitoring therapeutic effect, observing for and minimizing adverse effects, and evaluating the effectiveness of drug therapy. (93.5 clock hours)

**NUS150 Introduction to Health Care.** This course provides an overview of the health professions and the health care delivery system. The composition, functions, roles and responsibilities of the health care team are introduced and explored. Basic concepts of safety and security and infection control including the state approved 4-hour course in HIV/AIDS prevention and basic lifesaving (BLS) will also be presented. Other topics include guidelines for legal and ethical practice, and communication and employability skills. The importance of organization, time management, effective study skills, test-taking and computer skills are also emphasized in this course. (81 clock hours, including 4-hour course in HIV/AIDS prevention)

**NUS151 Human Anatomy and Physiology.** This course is a presentation of the essential anatomy and physiology of the human body. Students will gain knowledge of the structure and function of the human body, as well as the relationship between anatomy and physiology. The course begins at the cellular level and concludes with the interactions among all body systems as an integrated whole. The body systems covered include the following: endocrine, blood, lymphatic, cardiovascular, respiratory, integumentary, immune, nervous, reproductive, urinary, digestive, skeletal and muscular systems. This course also examines the nutritional requirements of the human body as well as the effects of alcohol, illegal drugs and steroids on the body. Basic concepts of medical terminology are also explored in this course. (81 clock hours)

**NUS152 Pharmacology.** This course is designed to give the student an understanding of specific drug groups emphasizing physiological classifications and generic nomenclature. The course integrates the knowledge of physiology, chemistry, nursing fundamentals, calculations, interpretation of medication orders, as well as the knowledge and ability to administer medications safely. Discussion of specific physiological drug groups are organized according to their use in treating alterations in health and disease processes. The systematic problem solving approach is applied to the administration of medications emphasizing the following: identifying the altered health pattern for which the medication is administered, promoting and monitoring therapeutic effect, observing for and minimizing adverse effects, and evaluating the effectiveness of drug therapy. (72 clock hours)

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