

Practical Nurse

Fall 2021

PN 203, Nursing Foundation V: Pediatric Nursing

3 credits, 45 hours lecture

Course Description

Nursing Foundations V: Pediatric Nursing is a theory course focusing on pediatric clients and their families. Theoretical concepts of assessment of the pediatric client related to growth and development are introduced. Pathophysiology, nursing care, communication, and health-teaching techniques specific to pediatric clients and their families are discussed. This course builds on previous nursing knowledge and related theory, and assists the student in adapting nursing care for pediatric clients and their families through the use of the nursing metaparadigm, nursing process, and growth and development theories.

Pre-requisites: All first Year Courses

Co-requisite: PN 200; PN 201A; PN 201B, PN 203, PN 204, PN 205

Instructor

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Office Hours

By appointment

Hours of Instruction

See timetable

Required Resources**PRIMARY TEXT****Required Textbooks and Resources****PRIMARY TEXT**

Perry, S.E., Hockenberry, M. J., Lowdermilk, D. L., & Wilson, D. (2017) *Maternal child nursing care in Canada*. (2nd ed.). Toronto, ON: Elsevier

Other Required Resources

Drug guide or online drug guide such as Medline Plus:

<http://www.nlm.nih.gov/medlineplus/druginformation.html>

Medical dictionary or online medical dictionary such as Medline Plus:

<http://www.nlm.nih.gov/medlineplus/mplusdictionary.html>

Predham, B & Buchholz, S. (2010). Dosage Problems for Infants and Children. In *Henke's med-math 1st Canadian edition*.(pp. 276- 309). Philadelphia: Lippincott Williams and Wilkins.

Course Outcomes

Upon successful completion of this course, the learner will meet the following outcomes:

1. Apply previous knowledge and nursing practice to the care of pediatric clients and their families.
2. Apply the nursing metaparadigm, nursing theory, related knowledge, and principles and concepts from nursing and other disciplines into the holistic care of pediatric clients and their families.
3. Apply nursing process, effective problem-solving and critical thinking to make appropriate clinical judgments when caring for pediatric clients and their families.
4. Integrate theories of growth and development to support the nursing knowledge required to meet the needs of pediatric clients and their families.
5. Describe the roles and responsibilities of the practical nurse as a member of the interdisciplinary team in providing care to the pediatric client.

6. Examine legal and ethical issues that apply to the care of pediatric clients and their families.
7. Describe appropriate communication techniques to establish, promote, and maintain a therapeutic relationship with pediatric clients and their families.
8. Apply principles of teaching and learning to pediatric clients and their families.
9. Examine ways to maintain and promote safety in pediatric nursing.
10. Examine cultural competency as applicable to the care of pediatric clients and their families.
11. Utilize reflective practice for professional growth and competence.

Evaluation

Assessments

To receive credit in Nursing Foundations V: Pediatric Nursing, you must complete all course requirements, which include two assignments and two exams.

Course credit will **not** be given if only parts of the course have been completed.

DISTRIBUTION OF MARKS

THEORY			EXAM DATE
Midterm Exam multiple choice	Demonstrate knowledge of course content (Units 1–5)	25%	October 18, 2021
Assignment 1	Group Presentations	25%	October 18-21, 2021
Assignment 2	Building Your Professional Portfolio	10%	October 25, 2021
Final Exam cumulative; multiple choice	Demonstrate knowledge of all course content	40%	November 1, 2021
Total		100%	

PASSING LEVEL AND GRADING SCALE

This is a theory course. You must complete all assignments and examinations to receive a final grade. You will not be allowed to rewrite assignments or exams to raise your grade.

To receive credit for Nursing Foundations V, a learner must achieve each of the following:

A minimum overall grade of 1.7 (C-) or 60%

Refer to the Practical Nurse Program Handbook for information regarding grading scale, extensions, and other program standard practices.

Important Additional Information

***Note to all Learners:** It is the learner's responsibility to retain course outlines for possible future use in support of applications for transfer credit to other educational institutions.*

NURSING FOUNDATIONS V: INTRODUCTION TO THE ASSESSMENTS

Assessment of mastery of the content of Nursing Foundations V: Pediatric Nursing will be determined through the learner meeting expectations for the following:

Assignment 1: Group Presentations

Assignment 2: Building Your Professional Portfolio

Midterm Exam

Final Exam

Assignment 1: Group Presentations

In this assignment you will have the opportunity to present on an area related to the care of a pediatric client and their family. Through this assignment the learner will present to the class promoting learning for both the learner and classmates.

This assignment contributes **25%** towards the course grade. *See timetable for date.*

Assignment 2: Building Your Professional Portfolio

You are **expected** to maintain and enhance the Professional Portfolio begun in Nursing Foundations I during each Nursing Foundations course. At the end of each Nursing Foundations course you will submit evidence of having maintained and enhanced your Professional Portfolio to your instructor/tutor.

This assignment is **most be completed** and contributes **10%** toward your final course grade. *See timetable for date.*

Midterm Exam

This exam contributes **25%** toward the course grade. It covers course information from Unit 1 through Unit 5. The exam includes multiple-choice questions.

Final Exam

This exam covers all course information. It is a cumulative, multiple-choice exam and it contributes **40%** toward your final course grade.

ASSIGNMENT 1: GROUP PRESENTATIONS

For the purpose of this presentation students will work in groups (four to five students per group). The group presentation focuses on the care of the pediatric client and family. The presentation should be approximately 30 minutes in length. A variety of presentation methods can be used (e.g., power point, handouts, case studies, quizzes, videos, or a combination). This presentation should incorporate the nursing process and include the integration of nursing research-based literature (textbook). Include the etiology, signs and symptoms, complications, pharmacologic therapies, diagnostic tests, teaching strategies, and community resources when applicable.

The following includes the required readings in preparation for this presentation:

Perry, S.E., Hockenberry, M. J., Lowdermilk, D. L., & Wilson, D. (2017) *Maternal child nursing care in Canada*. (2nd ed.). Toronto, ON: Elsevier

This presentation is a group presentation and all group members will receive the same mark. The marking guide includes pertinent information to review prior to commencing this assignment.

Topics and groups will be assigned during first day of class.

Topics for Group Presentations:

Group 1: Alterations in Genitourinary Function:

- *Urinary Tract Infection, Obstructive uropathy, External Defects, Nephrotic Syndrome, Acute Glomerulonephritis, Renal failure, Enuresis
- **Reproductive System Disorders*: Amenorrhea, Dysmenorrhea, Gynecomastia

Group 2: Alterations in Blood and Reproductive Disorders:

- * Acute lymphocytic leukemia, Hodgkin's disease, Non-Hodgkin's lymphoma, HIV/AIDS
- *Iron deficiency anemia, Sickle Cell anemia, Hemophilia, Idiopathic Thrombocytopenic Purpura

Group 3: Alterations in Cardiovascular Function:

- *Congenital Heart Disease I Cyanotic and II Acyanotic, Heart Failure, Hypoxemia, Rheumatic Fever, Kawasaki Disease

Group 4: Alterations in Musculoskeletal Function:

*Immobility, Traumatic injury, Club foot, Varus, Osteogenesis Imperfecta, Scoliosis,, Osteomyelitis, Bone Tumours, Juvenile Arthritis, Muscular Dystrophy

Group 5: Alterations in Nutrition and Gastrointestinal Function:

**Nutritional disorders:* Obesity, Colic, Dehydration, Diarrhea and Constipation, Hirschsprung Disease, Gastroesophageal Reflux, Vomiting

**Inflammatory Disorders:* Appendicitis, Peptic Ulcer Disease, Inflammatory Bowel Disease, Hepatitis, Cleft Lip/Palate, Pyloric Stenosis, Intussusception, Celiac Disease, Intestinal Parasites(Giardiasis, Pinworms), Poisoning

Group 6: Alterations in Endocrine Function

*Growth Hormone excess or deficiency, Diabetes Insipidus, Precocious Puberty, Diabetes Mellitus Type I

ASSIGNMENT 2: BUILDING YOUR PROFESSIONAL PORTFOLIO

You are **expected** to maintain and enhance your Professional Portfolio begun in Nursing Foundations I during each Nursing Foundations course.

The purpose of a cumulative Professional Portfolio is to develop documentation you can use to secure employment in a health-care setting as a practical nurse graduate.

At the end of each Nursing Foundations course you will submit to your instructor/tutor evidence of having maintained and enhanced your Professional Portfolio.

Submission may be electronically through websites available in the College or in hard copy using the form below.

Do not submit the entire Professional Portfolio unless requested to do so by your instructor/tutor.

The **report** does **not** replace work on the Professional Portfolio but is an indication that you met expectations.

This assignment is **must be completed** and contributes **10%** towards course grade.

Categories to continue to build as applicable to the learning of each Nursing Foundations course are:

A. Personal:

- Personal goals
- Personal interests
- Education
- Experiences
- Achievements

B. Professional:

- Philosophy of practical nursing
- Resume and cover letter
- Appraisals and evaluations
- Reflective practice
- Leadership
- Scholarly papers
- Nursing care plans
- Client teaching plans

- Professional goals
- CPRNE study plan
- Continuing competency achievement

Continuing Competency Achievement

Continuing competency achievement is an essential aspect of the Professional Portfolio and is recorded through a review of the competencies from the Course Outline or from the Competency Profile on the CLPNA website at www.clpna.com. Make a list of the competencies learned in this course and rate the proficiency you achieved in each of the competencies.

PROFICIENCY CATEGORIES

Excellent: integrates competency theory with other knowledge, skills, and attitudes so that it becomes seamless/automatic as part of everyday nursing practice

Good: understands competency in theory and in scenarios and nursing practice

Fair: understands the competency in theory; unable to apply it to scenarios or nursing practice

Poor: does not understand content related to the competency

*You will be expected to finalize your Professional Portfolio and to create a Continuing Competency Program Learning Plan/Binder upon completion of **Nursing Foundations VIII**.*

Report on Progress of Professional Portfolio

<p>DESCRIPTION OF <u>ONE</u> SIGNIFICANT LEARNING EXPERIENCE IN THIS COURSE (10 MARKS)</p>	<ul style="list-style-type: none"> •
<p>WHAT I LEARNED (15 MARKS)</p>	<ul style="list-style-type: none"> •
<p>WHY IT WAS MEANINGFUL/ SIGNIFICANT (15 MARKS)</p>	<ul style="list-style-type: none"> •
<p>HOW I WILL APPLY THIS LEARNING IN NURSING PRACTICE (10 MARKS)</p>	<ul style="list-style-type: none"> •

Student Name: _____

Course: _____

Date: _____

Instructor/Tutor: _____

CODE OF ETHICS

The following CLPNA competencies are learned during the Nursing Foundations V course:

- A: Nursing Knowledge
- B: Nursing Process
- C: Safety
- D: Communication and Interpersonal Skills
- E: Nursing Practice
- F: Respiratory Care
- G: Surgical Nursing
- H: Orthopedic Nursing
- I: Neurological/Neurovascular Nursing
- J: Cardiovascular Nursing
- L: Pediatrics
- M: Mental Health Nursing
- P: Palliative Care
- R: Community Health
- U: Medication Administration
- W: Professionalism

All students must practice in a manner that is consistent with:

- The CLPNA Code of Ethics and Standards of Practice (2008).

Refer to www.clpna.com for references

Grading System**OVERVIEW OF 4.0 POINT ALPHA AND NUMERIC GRADING SYSTEM**

Descriptor	Alpha Scale	4.0 Numeric Scale	Percentage
Excellent	A+	4.0	96-100
	A	4.0	90-95
	A-	3.7	85-89
Good	B+	3.3	80-84
	B	3.0	76-79
	B-	2.7	72-75
Satisfactory	C+	2.3	68-71
	C	2.0	64-67
	C-	1.7	60-63
Poor Minimum Pass	D+	1.3	55-59
	D	1.0	50-54
Failure	F	0	0-49

Proposed Schedule

See timetable for class schedule.

Topics

This course consists of the following units:

Unit 1: Foundations of Pediatric Nursing

Topic 1.1: Foundations in Pediatric Nursing

Topic 1.2: Growth and Development

Topic 1.3: Legal and Ethical Issues in the Care of Children and Their Families

Topic 1.4: Communication and Teaching and Learning for Children and Their Families

Topic 1.5: Pediatric Assessment, Admission, and Discharge

Topic 1.6: Care of Sick Children and Their Families in a Health-Care Setting

Topic 1.7: Pain Management

Topic 1.8: Medication Administration

Topic 1.9: Loss and Bereavement

Unit 2: Care of Pediatric Client and Family with Alterations in Gas Exchange and Respiratory Function**Unit 3:** Care of Pediatric Client and Family with Alterations in Integument

- Unit 4:** Care of Pediatric Client and Family with Communicable Diseases of Childhood
- Unit 5:** Care of Pediatric Client and Family with Alterations in Neurological, Cognitive and Sensory Function
- Unit 6:** Care of Pediatric Client and Family with Alterations Genitourinary Function
- Unit 7:** Care of Pediatric Client and Family with Alterations in Blood and Immunological Function
- Unit 8:** Care of Pediatric Client and Family with Alterations in Cardiovascular Function
- Unit 9:** Care of Pediatric Client and Family with Alterations in Musculoskeletal Function
- Unit 10:** Care of Pediatric Client and Family with Alterations in Nutrition and Gastrointestinal Function
- Unit 11:** Care of Pediatric Client and Family with Alterations in Endocrine Function

Performance Requirements and Student Services

Student Responsibilities

It is your responsibility as a student to contact the Office of the Registrar to complete the forms for Withdrawal or Change of Registration, and any other forms. Please refer to the list of important dates as noted in the Academic Schedule in the Keyano College credit calendar. The Keyano College credit calendar also has information about Student Rights and Code of Conduct. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

Student Attendance

Class attendance is useful for two reasons. First, class attendance maximizes a student's learning experience. Second, attending class is a good way to keep informed of matters relating to the administration of the course (e.g., the timing of assignments and exams). Ultimately, you are responsible for your own learning and performance in this course.

It is the responsibility of each student to be prepared for all classes. Students who miss classes are responsible for the material covered in those classes and for ensuring that they are prepared for the next class, including the completion of any assignments and notes that may be due.

Academic Misconduct

Students are considered to be responsible adults and should adhere to principles of intellectual integrity. Intellectual dishonesty may take many forms, such as:

- Plagiarism or the submission of another person's work as one's own;
- The use of unauthorized aids in assignments or examinations (cheating);
- Collusion or the unauthorized collaboration with others in preparing work;

- The deliberate misrepresentation of qualifications;
- The willful distortion of results or data;
- Substitution in an examination by another person;
- Handing in the same unchanged work as submitted for another assignment; and
- Breach of confidentiality.

The consequences for academic misconduct range from a verbal reprimand to expulsion from the College. More specific descriptions and details are found in the Student Rights and Code of Conduct section of the Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

In order to ensure your understanding of the concept of plagiarism, you must successfully complete the online tutorial found on ilearn.keyano.ca. Then print the certificate, sign it, and show it to each of your instructors. Your course work may not be graded until you show this signed certificate.

Specialized Supports

The Student Services Department is committed to Keyano students and their academic success. There are a variety of student supports available at Keyano. Due to the continuing situation with the Covid-19 pandemic, the offered support services will be implemented through a model to respond to the restrictions in force at the time. In-person and virtual services will be offered. All Alberta Health Services guidelines will be followed for in-person appointments—wear a mask, maintain two meters of physical distance, use hand sanitizer, and stay home if you are unwell.

All student services are available during Keyano business hours: Monday to Friday, 8h30-16h30. The College is closed for statutory holidays. If you require support outside of regular business hours, please inform the support service team, and we will do our best to accommodate your needs.

Accessibility Services: provides accommodations for students with disabilities. Students with documented disabilities, or who suspect a disability, can meet with a Learning Strategist to discuss their current learning barriers and possible accommodations. Students who have accessed accommodations in the past are encouraged to contact us to request them for the semester. Please note that requesting accommodations is a process and requires time to arrange. Contact us as soon as you know you may require accommodations. For accessibility supports and to book an appointment, please contact accessibility.services@keyano.ca.

Accessibility Services also provides individual and group learning strategy instruction for all students, as well as technology training and supports to enhance learning. Meet with a Learning Strategist to learn studying and test-taking strategies for online classes. Schedule an appointment with the Assistive Technology Specialist to explore technology tools for learning. Book an appointment today by emailing accessibility.services@keyano.ca

Wellness Services: offers a caring, inclusive, and respectful environment where students can access free group and individual support to meet academic and life challenges. Mental Health Coordinators offer a safe and confidential environment to seek help with personal concerns. Students may access services virtually and in-person.

Wellness Services welcomes students to participate in any of the group sessions offered throughout the academic year addressing topics including mindfulness and test anxiety.

Individual appointments can be made by emailing wellness.services@keyano.ca.

Library Services: provides students with research and information supports as they engage in their studies. Library staff are available to support you both online and in-person throughout the semester. For a detailed list of library supports and services, go to www.keyano.ca/library. For all inquiries, please email askthelibrary@keyano.ca or chat with us online.

Begin your research with the [Library's FIND page](#). Search for information and sources for your assignments using the OneSearch, the Library's Catalogue, or by searching in a specific database selected from the [A-Z Database List](#).

Individual support with us is available. For support with citations, research and other information needs, appointments can be booked using the online [Book A Librarian Calendar](#). For support with Moodle, educational tools for assignments, Microsoft Office, Zoom, Teams and more, book an appointment using the online [Educational Technology Support Calendar](#).

Research and subject guides are helpful resources when beginning your research, assignment, using new educational technology, or addressing other information needs. To view a subject or course-specific guide, check out the complete listing of online [Subject Guides](#).

To access additional research resources, including Citation Guides (APA, MLA, Chicago, or IEEE), go to the [Research Help Library page](#).

The Loanable Technology collection is available to support students in their learning pursuits, whether online, in person or both. Items available for borrowing include mobile projectors, webcams, noise-cancelling headphones, Chromebooks, and laptops. For an up-to-date list of technology available for borrowing as well as support available, go to the Library's [Loanable Technology webpage](#).

Academic Success Centre: The Academic Success Centre is a learning space in the Clearwater Campus (CC-119) at Keyano College. Students can gather to share ideas, collaborate on projects, get new perspectives on learning from our Academic Content Specialists, or use the Centre's educational resources. The Academic Success Centre provides academic support services to students registered in credit programs at Keyano College in the form of individual tutoring, writing support groups, facilitated study groups, workshops, and study space. Services are **free** to Keyano students.

Academic Content Specialists are available in the areas of Math, Science, Human Services, and English/Humanities. This covers all courses offered at Keyano. The Academic Success Coach can also be found in the Academic Success Centre.

For the most up to date information on how to book a session, please view [the Keyano Academic Success Centre homepage](#).

Academic Integrity: The goal of the Academic Success Centre is to foster a student's ability to learn effectively and independently. Students registered at Keyano College are welcome to drop by the Centre to visit with any of our Academic Content Specialists to discuss their academic concerns.

Availability: Monday to Friday: 8:30 a.m. – 4:30 p.m. Flexible times may be available upon request. Virtual and in-person sessions, please email to get in contact with our Academic Content Specialists. For the most up to date information on how to book a session, please view the [Academic Success Centre homepage](#).

Academic Success Coach: offers you support and access to resources for your academic success to help you to find the Keys to your Success. The Academic Success Coach will work with you to develop an academic success plan, develop your study and time management skills, and connect you with the right resources here at Keyano.

Academic.success@keyano.ca is the best way to access resources during blended service delivery. The Academic Success Coach is located in the Skill Centre in CC-119 at the Clearwater Campus.

E-Learning

Technology and internet will impact your online learning experience. It's important that you can watch an online video and other course materials, take online quizzes and participate in a live class with your instructor and other students. Live/virtual classes will be hosted in Microsoft Teams or Zoom.

For all course delivery types, you will access your course resources on Keyano's learning management system, **Moodle (iLearn)**. Login in using your Keyano username and password.

Keyano College operates in a Windows based environment, and having the correct tools for online learning is important. Here's a list of recommended system requirements.

Internet Speed

Minimum Internet speeds of 10 Mbps.

Recommended Internet speeds of 25 Mbps (especially if you are sharing your internet at home). Check your internet speed with Fast.com.

System requirements:

Microsoft Windows	Apple
<p>Minimum Requirements:</p> <ul style="list-style-type: none"> · A Windows 10 computer/laptop · Minimum 4GB of RAM. · 10GB+ available hard drive storage. · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <u>Microsoft Office</u> software is free to all Keyano students and employees. · Microphone, webcam and speakers. A headset with a microphone is recommended. · System updates must be regularly installed. · Anti-Virus / Anti-Malware software 	<p>Minimum Requirements:</p> <ul style="list-style-type: none"> · A Macintosh (V10.14 and above) computer/laptop · Minimum 4GB of RAM. · 10GB+ available hard drive storage. · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <u>Microsoft Office</u> software is free to all Keyano students and employees. · Microphone, webcam and speakers. A headset with a microphone is recommended. · System updates must be regularly installed. · Anti-Virus / Anti-Malware software.
<p>Recommended Requirements</p> <ul style="list-style-type: none"> · 8GB of RAM · A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download 	<p>Recommended Requirements</p> <ul style="list-style-type: none"> · 8GB of RAM · A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download MS Office
<p>Chromebooks are not recommended as they are not compatible with testing lockdown browsers.</p> <p>A Microsoft Surface or iPad or iPad Pro may be possible alternatives in some program areas.</p>	

Specific Department Requirements:

Business and OA programs require Windows 10.
 Other programs may utilize Windows based tools as well.

Computer Software

Students will be able to get access to Microsoft Office 365 for free using Keyano credentials by [clicking here](#).

Recording of Lectures and Intellectual Property

Students may only record a lecture if explicit permission is provided by the instructor or by Accessibility Services. Even if students have permission to record a lecture or lecture

materials, students may not share, distribute, or publish any of the lectures or course materials, this includes any recordings, slides, instructor notes, etc. on any platform. Thus no student is allowed to share, distribute, publish or sell course related content (instructor, or students) without permission. It is important to recognize that the Canadian Copyright Act contains provisions for intellectual property. The Academic Integrity Policy provides additional information on Keyano College's expectations from students as members of the intellectual community.

ITS Helpdesk

If you are having issues with your student account, you can contact the ITS Helpdesk by emailing its.helpdesk@keyano.ca or calling 780-791-4965.