

**Faculty of Nursing, Srinakharinwirot University**  
**Course syllabus, Bachelor of Nursing Science Program**  
**4<sup>th</sup> year undergraduate students, Second semester, Academic Year 2020**

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**Course Code:** NCN 463

**Title:** Primary Medical Care

**Credits:** 2 (2-0-4)

**Descriptions:**

Principles of differential diagnosis, primary medical care, referral system, utilizing Thai traditional medicine, nursing-professional roles and responsibilities in the primary medical care based on professional nursing laws

**Expected Learning Outcome: ELO**

<b>ELO 1</b>	Applying nursing and midwifery knowledge in nursing and midwifery practice on empirical evidence to manage health problems effectively
<b>ELO 8</b>	Expressing honesty and responsibility to the nursing profession

**General objectives**

Students have knowledge and understanding of nursing-professional roles and responsibilities in the primary medical care based on professional nursing laws and rules and regulations related to primary and can collect data for diagnosis of illnesses, problems and perform primary medical care or referral according to the roles and scopes of the nurse and utilize Thai traditional medicine.

**Specific objectives**

<b>CLO</b>	<b>Specific objectives</b>	<b>ELO</b>	<b>LO</b>
CLO1	Be able to tell the nurse's roles in primary medical care.	ELO 1	2.2
CLO2	Be able to correctly tell the principles of data collection and physical examination of the common symptoms	ELO 1	2.3
CLO3	Be able to analyze illnesses, diagnose and differentiate diseases, provide primary medical care or referral	ELO 1	3.1, 3.2
CLO4	Be able to describe the use of medications for primary medical care reasonably.	ELO 1	3.1, 3.2
CLO5	Be able to tell the principles and methods of referral to recipients according to the symptoms and record the referral report correctly.	ELO 1	2.3, 3.1
CLO6	Be able to describe the use of Thai traditional medicine in primary medical care.	ELO 1	2.3, 3.1
CLO7	Be able to describe the nursing professional morality and ethics in primary medical care.	ELO 8	1.1, 1.2
CLO8	Be able to communicate the information of the case studies of primary medical care		4.1, 4.2 , 5.2, 5.3, 5.4

**Teaching and learning activities**

1. Participatory learning
2. Presentation of case studies
3. Self-study
4. Promotion of communication skills by presenting information and preparing primary medical care reports according to the symptoms

**Teaching material**

1. Teaching documents, books, texts, journals
2. Power Point
3. Case studies

## Assessment

<b>1. Knowledge and intellectual skills</b>	<b>70 %</b>
1.1 Midterm exam (unit 1,2,4,5 =10 hrs. 40 items)	35 %
1.2 Final exam (unit 6-10 =10 hrs. 40 items)	35 %
<b>2. Intellectual and communication skills</b>	<b>20 %</b>
2.1 Assess intellectual and communication skills by presenting case studies (group work) using intellectual and communication skills assessment form of case study presentation (NCN463-1)	10 %
2.2 Assess intellectual skills by writing a case study report (individual) using intellectual skills assessment form of case study report (NCN 463-2)	10 %
<b>3. Morality and ethics, interpersonal relationships skills and responsibilities</b>	<b>10%</b>
Use the assessment form on morality, ethics, interpersonal relationships skills and responsibility (by lecturers and students) (NCN 001)	
3.1 By students in the section	5 %
3.2 By the lecturer of the section	5 %

Students must attend and participate in group activities not less than 80 percent and pass the assessment of 60 percent, including submitting the complete report, not having moral offenses (copying reports and examinations).

## Content

<b>Unit 1</b>	Roles, scope and professional nursing laws in primary medical care, use of medications for primary medical care	2 hrs.
<b>Unit 2</b>	Use of Thai traditional medicine in primary medical care for common symptoms	2 hrs.
<b>Unit 3</b>	Writing reports on medical assessment and primary medical care	4 hrs.
<b>Unit 4</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of stuffy nose, Cough, Sore throat, Shortness of breath	2 hrs.
<b>Unit 5</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of abdominal pain in child and adult, Bloating, Diarrhea, Blood in stool	4 hrs.
<b>Unit 6</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of headache,	2 hrs.

	dizziness	
<b>Unit 7</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of chest pain, palpitations	2 hrs.
<b>Unit 8</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of voiding disorder and incontinence, urethral discharge	2 hrs.
<b>Unit 9</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of skin: impetigo, Folliculitis, Furuncles Carbuncle, Erysipelas, Cellulitis, Herpes Simplex, Herpes Zoster	2 hrs.
<b>Unit 10</b>	History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of joint and bone pain in upper and lower extremity	2 hrs.
<b>Unit 11</b>	Case study analysis according to the symptoms and presentation of case studies	6 hrs.
<b>Total</b>		<b>30 hrs.</b>

#### Textbooks

จารุพิมพ์ สูงสว่าง, วันชัย เศษสมฤทธิ์ฤทัย, เชิดศักดิ์ ไอรณนิรัตน์, และนิศารัตน์ โอภาสเกียรติกุล. (2555).

คู่มือแพทย์เวร. กรุงเทพฯ: ไชยเบอรรี่ปริ้นท์.

พิสนธิ์ จงตระกูล. (2561). การใช้ยาอย่างสมเหตุผลใน (Primary medical care). พิมพ์ครั้งที่ 11 (ฉบับปรับปรุง).

เชียงใหม่: ห้างหุ้นส่วนจำกัดวนิดาการพิมพ์.

วิทยา ศรีมาดา. (2551). การสัมภาษณ์ประวัติและการตรวจร่างกาย. (พิมพ์ครั้งที่ 12). กรุงเทพฯ:

สำนักพิมพ์ยูนิค.

วรารณ นุญเชียง, และวิลาวัณย์ เตือนราษฎร์. (2556). การรักษาโรคเบื้องต้น. (พิมพ์ครั้งที่ 1). สำนักพิมพ์มหาวิทยาลัยเชียงใหม่.

สภาการพยาบาล. (2552). คู่มือการใช้ยาในการรักษาโรคเบื้องต้นสำหรับผู้ประกอบวิชาชีพการพยาบาลและผดุงครรภ์ชั้นหนึ่ง. (พิมพ์ครั้งที่ 3) (ฉบับปรับปรุง). กรุงเทพฯ: ศิริยอการพิมพ์.

สภาการพยาบาล. (2554). ข้อกำหนดการรักษาโรคเบื้องต้นและการให้ภูมิคุ้มกันโรค สำหรับผู้ประกอบ

วิชาชีพพยาบาลชั้นหนึ่ง ผู้ประกอบวิชาชีพพยาบาลและการผดุงครรภ์ ชั้นหนึ่ง. (พิมพ์ครั้งที่ 5).  
กรุงเทพฯ.

Andrew, R. H., & David, G. (2010). **Symptoms and Signs in Clinical Medicine**. (13th ed).  
London: Edward Arnold Ltd.

Aschenbrenner, D. S., & Venable, S. J. (2008). **Drug Therapy in Nursing**. (3rd ed.). North  
Calorina: Lippincott Williams & Wilkins.

Bickley, L.S. (2007). **Bate' Guide to Physical Examination and History Taking**. (9th ed.).  
Philadelphia: Lippincott Williams & Wilkins.

Dains, J. E, Baumann, L. C, & Scheible. (2007). **Advanced Health Assessment & Clinical  
Diagnosis in Primary medical care**. (3rd ed.). Philadelphia: Mosby.

Collins, R.D. (2012). **Differential diagnosis in primary medical care**. (5th ed). Philadelphia, PA:  
Wolters Kluwer Health/Lippincott Williams & Wilkins.

Lippincott W. & Wilkins. (2010). **Handbook of signs & symptoms**. (4th ed.). Philadelphia:  
Wolters Kluwer Health/Lippincott Williams & Wilkins.

Moore, K.L. (2007). **Essential Clinical Anatomy**. (3rd ed.). North Calorina: Lippincott Williams &  
Wilkins.

Robert, H., & Seller, M. D. (2007). **Differential Diagnosis of Common Complaints**. ( 5th ed).  
Philadelphia: Saunder an imprint of Elsevier print.

Stanhope, M., & Lancaster, J. (2006). **Foundations of Nursing in the Community:  
Community – Oriented Practice**. (2rd ed.). Philadelphia: Mosby.

Szilagy, P.G. (2008). **Bates' Guide to Physical Examination and History Taking**. (10th ed.).  
North Calorina: Lippincott Williams & Wilkins.

#### **Websites related to health**

<http://www.urnurse.net/Basic-disease/disease-medicine.html>

<http://www.thaiall.com/data/health.htm>

<http://www.healthnet.com>

<http://www.medicine.ucsd.edu>

<http://www.moph.go.th>

<http://www.pharmacy.psu.ac.th>

<http://www.who.org>

#### **Timetable of NCN 463: Primary Medical Care**

**4<sup>th</sup> year undergraduate students, Second semester, Academic Year 2020**

<b>Week</b>	<b>Topics</b>	<b>CLO</b>	<b>Learning activity</b>	<b>Assessment</b>
Week 1 (2 hrs.)	<b>Orientation</b> <b>Unit 1</b> Roles, scope and professional nursing laws in primary medical care, use of medications for primary medical care	1,4	-Lecture -Creating participation -Participation in asking-answering questions	MCQ
Week 2 (2 hrs.)	<b>Unit 2</b> Use of Thai traditional medicine in primary medical care for common symptoms (CLO2)	6	-Lecture -Creating participation -Participation in asking-answering questions	MCQ
Week 3 (2 hrs.)	<b>Unit 3 Writing reports on medical assessment and primary medical care</b>	2	-Lecture -Creating participation -Participation in asking-answering questions -Analyzing case studies	MCQ
Week 4 (2 hrs.)	<b>Unit 3</b> Writing reports on medical assessment and primary medical care (continued)	2	-Lecture -Creating participation -Participation in asking-answering questions -Analyzing case studies	MCQ
Week 5 (2 hrs.)	<b>Unit 4</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of stuffy nose, Cough, Sore throat, Shortness of breath	3,4,5	-Lecture -Creating participation -Participation in asking-answering questions -Analyzing case studies	MCQ
Week 6 (2 hrs.)	<b>Unit 5</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of abdominal pain in child and adult, Bloating, Diarrhea, Blood in stool	3,4,5	-Lecture -Creating participation -Participation in asking-answering questions -Analyzing case studies	MCQ

Week	Topics	CLO	Learning activity	Assessment
Week 7 (2 hrs.)	<b>Unit 5</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of abdominal pain in child and adult, Bloating, Diarrhea, Blood in stool (continued)	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions -Analyzing case studies	MCQ
Week 8 (2 hrs.) (40 นาที)	Meeting the lecturer (1 <sup>st</sup> time)	3,4,5, 7	- Analyzing case studies	Report Presentation
	<b>Midterm exam: Units 1-5</b>			
Week 9 (2 hrs.)	<b>Unit 6</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of headache, dizziness	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions -Analyzing case studies	MCQ
(40 mins)	<b>Retake exam: Units 1-5</b>			
Week 10 (2 hrs.)	<b>Unit 7</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of chest pain, palpitations	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions -Analyzing case studies	MCQ
Week 11 (2 hrs.)	<b>Unit 8</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of voiding disorder and incontinence, urethral discharge	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions -Analyzing case studies	MCQ
Week 12 (2 hrs.)	<b>Unit 9</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of skin: impetigo, Folliculitis, Furuncles	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions	MCQ

Week	Topics	CLO	Learning activity	Assessment
	Carbuncle, Erysipelas, Cellulitis, Herpes Simplex, Herpes Zoster		-Analyzing case studies	
Week 13 (2 hrs.)	<b>Unit 10</b> History taking, physical examination, differential diagnosis, primary medical care and referral in the patients with the symptoms of joint and bone pain in upper and lower extremity	3,4,5	-Lecture -Creating participation -Participation in asking- answering questions -Creating participation	MCQ
Week 14 (2 hrs.)	Meeting the lecturer (2 <sup>st</sup> time)	3,4,5, 7	-Creating participation	Report Presentation
Week 15 (2 hrs.)	<b>Present case studies</b>	3,4,5, 7,8	-Creating participation- -Creating participation	Presentation
Week 16 (40 mins)	<b>Final exam: Units 6-10</b>			
Week 17 (40 mins)	<b>Retake exam: Units 6-10</b>			