

Course Specification and Report

Name of Institution Prince of Songkla University
Prince of Songkla University Hat Yai Campus Faculty of Nursing

[✓] Course/Module Specification and Report

Section 1: General Information

1. Course/Module title and code

646-531 Advanced Pathophysiology and Pharmacotherapeutics for Adult and Elderly

2. Number of credits

2((2)-0-4)

3. Program and categories of course/ Module

[✓] Program: Master of Nursing Science Field of study: Adult and Gerontological Nursing

[] Several programs (In case of providing courses for several programs)

Categories of course

Graduate

[✓] Core courses

[] Elective Core courses

[✓] Specific courses

[] Elective courses

[] Thesis)

[] Minor Thesis

4. Teaching and Learning management

[✓] Managed by faculty/ department: Faculty of Nursing

[] Managed by several faculties/ departments:

Faculty Percentages of responsibility

Faculty Percentages of responsibility

Faculty Percentages of responsibility

[] Manage by a faculty with the cooperation with company or organization

Wangpork
16 June 2023

5. Course/Module coordinator(s) and lecturer(s)/Advisor/supervisor

[√] Course/Module coordinators

1. Asst. Prof. Dr. Ratjai Vachprasit
2. Asst. Prof. Dr. Samonnun Thasaneesuwan

[√] Lecturers

1. Asst. Prof. Dr. Ratjai Vachprasit
2. Asst. Prof. Dr. Samonnun Thasaneesuwan
3. Asst. Prof. Dr. Hathairat Sangchan
4. Asst. Prof. Dr. Charuwan Kritpracha
5. Asst. Prof. Dr. Busara Muensri
6. Assoc. Prof. Dr. Kantaporn Yodchai
7. Dr. Tusanee Khaw
8. Dr. Sumamita Sawasdinaruenart

External lecturers

1. Prof. Dr. Surasak Sangkhathat
2. Prof. Dr. Kamolwish Laoprasopwattana
3. Assoc. Prof. Dr. Patrapim Sunpaweravong
4. Asst. Prof. Dr. Sukanya Dej-adisai
5. Asst. Prof. Dr. Thitima DOUNGNGERN

6. Semester/Year of study

Year of study 1 Semester 1 Academic Year 2023

7. Related Courses

 No Yes Prerequisite (specify)..... Co-requisite (specify)..... Concurrent (specify).....

8. Date of issues

Date 8 Month May Year 2023

Waraporn
16 June 2023

Section 2: Course/Module/ Field Experience Expected Learning Outcomes

1. Course/Module Learning Outcomes

Course/Module CLOs	PLO	Teaching Strategy/methods	Measurement and Evaluation Strategies/methods
CLO 1: Demonstrate the behavior of having academic integrity and ethics in discussing, presenting, and writing academic works.	1.1 Demonstrate the behavior of having academic integrity and ethics in conducting research/innovation.	<ul style="list-style-type: none"> - Discussion - Assign students to analyze the case studies, then present a summary of the case with the mind map and write a report of the case study, according to academic integrity and ethics. 	<ul style="list-style-type: none"> - Acknowledgements, citations, and references appropriately displayed to support discussions, presentations and reports, according to academic integrity and ethics.
CLO 2: Explain the concepts of pathogenesis, pathological etiology, pathophysiological alterations, signs and symptoms, clinical manifestations, principles of pharmacology, pharmacotherapeutics, and rational drug use for adults and elderly clients with complex health problems.	3.1 Explain nursing science and concepts related to nursing practice for adults and elderly clients with complex health problems.	<ul style="list-style-type: none"> - Assign students to study the teaching materials of the course for each topic via the LMS2@PSU system in advance. - Participatory lecture. - Discussion. - Assign students to analyze the case studies, then present a summary of the case with the mind map and write a report of the case study, including causes of pathology, pathophysiological alterations, signs and symptoms, and 	<ul style="list-style-type: none"> - Exam. - Lesson exercises. - Presentation of case study analysis. - Concept map (mind map) summary of the case study analysis. - Report of case study analysis. <p style="text-align: right; color: blue;"><i>Warepon 16 June 2023</i></p>

Course/Module CLOs	PLO	Teaching Strategy/methods	Measurement and Evaluation Strategies/methods
		pharmacotherapeutics by comparing theories and case studies.	
CLO 3: Analyze pathological etiology, pathophysiological alterations, signs and symptoms, clinical manifestations, principles of pharmacology, pharmacotherapeutics, and rational drug use in delivering nursing care for adults and elderly clients with complex health problems of the assigned cases using evidence-based knowledge.	3.2 Analyze nursing science, related concepts, and evidence-based knowledge applied in nursing practice for adults and elderly clients with complex health problems.	<ul style="list-style-type: none"> - Assign students to study the teaching materials of the course for each topic via the LMS2@PSU system in advance. - Participatory lecture. - Discussion. - Assign students to analyze the case studies, then present a summary of the case with the mind map and write a report of the case study, including causes of pathology, pathophysiological alterations, signs and symptoms, and pharmacotherapeutics by comparing theories and case studies. 	<ul style="list-style-type: none"> - Exam. - Lesson exercises. - Presentation of case study analysis. - Concept map (mind map) summary of the case study analysis. - Report of case study analysis

Map demonstrating the distribution of responsibilities for program learning outcomes (PLOs) to courses (curriculum mapping)

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16 June 2023*

Course	Credit	PLO 1				PLO 2			PLO 3						PLO 4					PLO 5			PLO 6			
		1.1	1.2	1.3	1.4	2.1	2.2	2.3	3.1	3.2	3.3	3.4	3.5	3.6	4.1	4.2	4.3	4.4	4.5	5.1	5.2	5.3	6.1	6.2	6.3	
646-531 Advanced Pathophysiology and Pharmacotherapeutics for Adult and Elderly	2((2)-0-4)	●							●	●																

2. Measurement tools and weight distribution

Course/Module CLOs	Measurement strategies/methods	Weighted score 100 percent	
CLO2, CLO3	Exam (Midterm and final exam)		25
	- Midterm exam (Topic 1.2, 1.3, 2.1, 2.2, 2.3)	16	
	- Final exam (Topic 2.7, 2.10, 2.11)	9	
CLO2, CLO3	Lesson exercises (Topic 1.1, 2.4, 2.5, 2.6, 2.8, 2.9, 2.12)	25	25
CLO1, CLO2, CLO3	Case study analysis		50
	- Presentation of case study analysis	25	
CLO2, CLO3	- Concept map: summary of the case study analysis	10	
CLO1, CLO2, CLO3	- Report of case study analysis	15	

Weigh score distribution and course learning outcomes evaluation can be classified according to the primary responsibilities for course learning outcomes (*) by using the various measurement tools of the course as follows:

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16 Jun 2023

Course/Module CLOs	Measurement tools	Weight distribution						Total score
		1. Exam	2. Lesson exercises	3. Presentation of case study analysis	4. Concept map of case study analysis	5. Report of case study analysis	Weighted score 100 percent	
CLO 1: Demonstrate the behavior of having academic integrity and ethics in discussing, presenting, and writing academic works. (*)	1. Exam	0						5.5
	2. Lesson exercises		0					
	3. Presentation of case study analysis			2.5				
	4. Concept map of case study analysis				0			
	5. Report of case study analysis					3.0		
CLO 2: Explain the concepts of pathogenesis, pathological etiology, pathophysiological alterations, signs and symptoms, clinical manifestations, principles of pharmacology, pharmacotherapeutics, and rational drug use for adults and elderly clients with complex health problems. (*)	1. Exam	12.5						47
	2. Lesson exercises		12.5					
	3. Presentation of case study analysis			12.5				
	4. Concept map of case study analysis				5.0			
	5. Report of case study analysis					4.5		
CLO 3: Analyze pathological etiology, pathophysiological alterations, signs and symptoms, clinical manifestations, principles of pharmacology, pharmacotherapeutics, and rational drug use in delivering nursing care for adults and elderly clients with complex health problems of the assigned cases using evidence-based knowledge. (*)	1. Exam	12.5						47.5
	2. Lesson exercises		12.5					
	3. Presentation of case study analysis			10.0				
	4. Concept map of case study analysis				5.0			
	5. Report of case study analysis					7.5		
รวม		25	25	25	10	15	100	100

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16 June 2023

3. Grading System

Score	Grade symbol
≥ 90.00	A
85.00-89.99	B+
80.00-84.99	B
75.00-79.99	C+
70.00-74.99	C
65.00-69.99	D+
60.00-64.99	D
55.00-59.99	E
Incomplete*	I

*The student fails to complete course assignments within the given time or misses the exams with some force majeure. Grade symbol "I" must be corrected to other grade symbols within the first 6 weeks of the next semester in which the student enrolls. Otherwise, the university will immediately change the grade symbol "I" to "E."

4. Appeal procedure

In case students have questions about the exam scores and evaluation methods of this course, students can file a petition for appeal only within this semester and/or only one semester after the semester in which students were enrolled this course by submitting a request to the program committee. Then, the faculty will set up a committee to consider student appeals.

5. Course/Module description

Concept of diseases' occurrence in adults and elderly with complicated health problems; causes of pathology and pathophysiological alterations; signs and symptoms; clinical parameters, principles of pharmacology and pharmacotherapeutics; rational drug use

6. Number of hours

[✓] Teaching: *Theory* 30 hours; *Practice* 0 hours; *Self-study* 60 hours

Consultation after class

Course coordinators:

- Course coordinators arrange time for consultation and academic advice for individual students according to their needs. There are 2 hours per week, every Monday and Tuesday, from 11:00 a.m. to 12:00 p.m., during the 1st–18th week of the 1st semester of 2023. This schedule and communication channels are informed to students via course specifications, LMS2@PSU of the course, and in the oration during the first hour of the class.

- Students can consult and request academic advice by making an appointment in advance to meet course coordinators at the office or by e-mail as follows:

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16 June 2003*

Course coordinators	Office	Phone number	E-mail
Asst. Prof. Dr. Ratjai Vachprasit	2213 Building 2	074-286513	ratjai.v@psu.ac.th
Asst. Prof. Dr. Samonnun Thasaneesuwan	2220 Building 2	074-286526	samonnun.t@psu.ac.th

Lecturers:

- Lecturers arrange time for consultation and academic advising for students to search for knowledge and analyze case studies, as indicated in the teaching plan. There are also 2 hours per week, every Monday and Tuesday, from 11:00 a.m. to 12:00 p.m., during the 1st – 18th week of the 1st semester of 2023. This schedule and communication channels are informed to students via course specifications, LMS2@PSU of the course, and during the oration the first hour of the class. Lecturers also arrange time for consultation according to students' needs.

- Students can consult and request academic advice by making an appointment in advance to meet lecturers at the office or by e-mail as follows:

Lecturers	Office	Phone number	E-mail
Asst. Prof. Dr. Ratjai Vachprasit	2213 Building 2	074-286513	ratjai.v@psu.ac.th
Asst. Prof. Dr. Samonnun Thasaneesuwan	2220 Building 2	074-286526	samonnun.t@psu.ac.th
Asst. Prof. Dr. Hathairat Sangchan	2219 Building 2	074-286516	hathairat.s@psu.ac.th
Asst. Prof. Dr. Charuwan Kritpracha	2220 Building 2	074-286526	charuwan.kr@psu.ac.th
Asst. Prof. Dr. Busara Muensri	2214 Building 2	074-286523	Busara.o@psu.ac.th
Assoc. Prof. Dr. Kantaporn Yodchai	2216 Building 2	074-286524	kantaporn.y@psu.ac.th
Dr. Tusanee Khaw	2225B Building 2	093-5822159	tusanee.k@psu.ac.th
Dr. Sumamita Sawasdinaruenart	2221 Building 2	074-286518	sumamita.s@psu.ac.th

[] *Field experience: Theory* *Practice* *Self-study*
Consultant hours after class

7. Materials/Support

7.1 Required textbooks and materials

Capriotti, T. (2017). *Pathophysiology made incredibly visual!* (3rd ed.). Lippincott Williams & Wilkins. (QZ140 P297 2017)

Demler, T. L., & Rhoads, J. (2018). *Pharmacotherapeutics for Advanced Nursing Practice*. Jones & Bartlett Learning. (WY 18.2 P536 2018)

Huether, S. E., McCance, K. L., Brashers, V. L., & Rote, N. S. (2017). *Understanding physiopathology* (6th ed.). Saunders Elsevier.

Ignatavicius, D.D, Workman, M.L., Blair, M., Rebar, C., Winkelman, C., & Heimgartner, N.M. (2018). *Medical-surgical nursing* (9th edition). Saunders Elsevier. (WY161 M489 2018)

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16 Jan 2023

- McCuistion, L.E., Vuljoin-DiMaggio, K. Winton, M.B., & Yeager, J.J. (2021). *Pharmacology: A patient-centered nursing process approach* (10th ed.). Elsevier Health Sciences. (QV4 M478p 2021)
- Linton, A. D. (2016). *Introduction to medical-surgical nursing* (6th ed.). Saunders Elsevier. (WY150 L76li 2016)
- Smith, B. T. (2020). *Pharmacology for nurses* (2nd ed.). Jones & Bartlett Learning. (WB330 P536 2020)
- Story, L. (2018). *Pathophysiology: A practical approach* (3rd ed.). Jones & Bartlett Learning. (QZ140 S887p 2018)
- Timby, B. K., & Smith, N. E. (2018). *Introductory medical-surgical nursing* (12th ed.). Lippincott Williams & Wilkins. (WY150 T583i 2018)
- Willis, L. M. (2015). *Fluids & electrolytes made incredibly easy* (6th ed.). Wolters Kluwer. (WD220 F646 2015)

2. Other materials

(1) Books:

- Frandsen, G., & Pennington, S. S. (Eds.). (2018). *Abrams' clinical drug therapy: rationales for nursing practice* (11th ed.). Wolters Kluwer Health. (QV55 F826a 2018)
- Ronco, C., Bellomo, R., Kellum, J., & Ricci, Z. (2019). *Critical care nephrology* (3rd ed.). Elsevier. (WJ300 C937 2019)
- Rosenthal, L. D., & Burchum, J. (2021). *Lehne's pharmacotherapeutics for advanced practice nurses and physician assistants* (2nd ed.). Saunders. (WB330 R815l 2021)
- Yarbro, C. H., Wujcik, D., & Gobel, B. H. (2018). *Cancer nursing: principles and practice* (8th ed.). Jones & Bartlett Learning. (WY156 C215 2018)

(2) Databases/Websites

- Stringer, J.L. (2017). *Basic concepts in pharmacology: What you need to know for each drug class*. (6th ed). <https://accessmedicine.mhmedical.com/book.aspx?bookid=3136>
- PubMed: <https://pubmed.ncbi.nlm.nih.gov/>
- eBook: Clinicalkey



<https://www.clinicalkey.com/#/browse/books/%7B%22onlyEntitled%22:true.%22facetquery%22:%5B%22subjmain:%5C%22Pathology%5C%22%22%5D%7D>

- <https://www.edx.org/learn/pathophysiology>

*Waraporn
16 June 2023*

- <https://medicalstudyzone.com/pharmacology-for-nurses-a-pathophysiologic-approach-pdf-free-download/>

- http://www.heart.org/HEARTORG/Conditions/Conditions_UCM_001087_SubHomePage.jsp

- <https://www.cancer.org/cancer.html>

Section 3: Plan and Results of Teaching and Learning

[✓] Course/Module Specification plan and Report

1. Teaching plan

Week/Date	Date/Month Year/ Time	Hours	Items/content	Teaching & Learning activities/teaching materials	Evaluation	Lecturers
Week 1 Monday	June 26, 2023 09:00-11:00 AM		Course orientation			- Asst. Prof. Dr. Ratjai
		2	1. Principle of pharmacology 1.1 Pharmacokinetics and Pharmacodynamics	Discuss in class or online	- Lesson exercises (1 st)	- Asst. Prof. Dr. Thitima
Week 2 Monday	July 3, 2023 08:00-10:00 AM	2	- Meeting advisor for case study analysis	- Discussion	- Presentation of a case study	- Asst. Prof. Dr. Charuwan - Assoc. Prof. Dr. Kantapom - Asst. Prof. Dr. Hathairat
	10:00-11:00 AM	1	1.2 Rational drug use	Discuss in class or online	- Exam	- Asst. Prof. Dr. Thitima
	11:00 AM-12:00 PM	1	1.3 Pharmacological of Herb	Discuss in class or online	- Exam	- Asst. Prof. Dr. Sukanya
Week 3 Monday	July 10, 2023 09:00-11:00 AM	2	2. Update concept of pathophysiology 2.1 Cellular biology: Cancer	Discuss in class or online.	- Exam	- Prof. Dr. Surasak
Week 4 Monday	July 17, 2023 09:00-11:00 AM	2	2.2 Antineoplastic and biologic response modifier	Discuss in class or online	- Exam	- Assoc. Prof. Dr. Patrapim
Week 5 Monday	July 24, 2023 09:00-11:00 AM	2	2.3 Infection disease & antimicrobial drugs	Discuss in class or online	- Exam	- Prof. Dr. Kamolwish
Week 6	July 31, 2023 09:00-10:30 AM	1.5	2.4 Disorder of Hematology	Discuss in class or online	- Lesson exercises (2 nd)	- Asst. Prof. Dr. Samonnun

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16 June 23

Week/Date	Date/Month Year/ Time	Hours	Items/content	Teaching & Learning activities/teaching materials	Evaluation	Lecturers
Monday	10:30-11:00 AM	0.5	Case study: Client with disorder of hematology	Present a case study in class or online	- Presentation of a case study - Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Samonnun
Week 7 Monday	August 7, 2023 09:00-10:30 AM	1.5	2.5 Disorders of the immune response	Discuss in class or online	- Lesson exercises (3 rd)	- Asst. Prof. Dr. Samonnun
	10:30-11:00 AM	0.5	Case study: Client with disorder of the immune response	Present a case study in class or online	- Presentation of a case study - Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Samonnun
Week 8 Monday	August 14, 2023		Substitution holiday for birthday of HM Queen Sirikit (12 August)			
Week 9 Monday	August 21, 2023 09:00-11:00 AM		Midterm exam Topic 1.2, 1.3, 2.1, 2.2, 2.3			- Asst. Prof. Dr. Ratjai - Asst. Prof. Dr. Samonnun
Week 10 Monday	August 28, 2023 09:00-10:30 AM	1.5	2.6 Disorder of Cardiovascular	Discuss in class or online	- Lesson exercises (4 th)	- Asst. Prof. Dr. Charuwan
	10:30-11:00 AM	0.5	Case study: Client with disorder of cardiovascular	Present a case study in class or online	- Presentation of a case study - Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Charuwan - Asst. Prof. Dr. Samonnun

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16 June 2023

Week/Date	Date/Month Year/ Time	Hours	Items/content	Teaching & Learning activities/teaching materials	Evaluation	Lecturers
Week 11 Monday	September 4, 2023 09:00-10:30 AM	1.5	2.7 Disorders of ventilation and gas exchange	Discuss in class or online	- Exam - Presentation of a case study	- Asst. Prof. Dr. Busara
	10:30-11:00 AM	0.5	Case study: Client with disorder of ventilation and gas exchange	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Busara
Week 12 Monday	September 11, 2023 09:00-10:30 AM	1.5	2.8 Disorders of endocrine control of growth and metabolism	Present a case study in class or online	- Lesson exercises (5 th) - Presentation of a case study	- Asst. Prof. Dr. Ratjai
	10:30-11:00 AM	0.5	Case study: Client with disorder of endocrine control of growth and metabolism	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Ratjai
Week 13 Monday	September 18, 2023 09:00-10:30 AM	1.5	2.9 Disorders of central and peripheral nervous system	Discuss in class or online	- Lesson exercises (6 th) - Presentation of a case study	- Dr. Sumamita
	10:30-11:00 AM	0.5	Case study: Client with disorder of central and peripheral nervous system	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Dr. Sumamita

Warakorn
16 June 2023

Week/Date	Date/Month Year/ Time	Hours	Items/content	Teaching & Learning activities/teaching materials	Evaluation	Lecturers
Week 14 Monday	September 25, 2023 09:00-10:30 AM	1.5	2.10 Disorders of gastrointestinal function	Discuss in class or online	- Exam - Presentation of a case study	- Dr. Tusanee
	10:30-11:00 AM	0.5	Case study: Client with disorder of gastrointestinal function	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Dr. Tusanee
Week 15 Monday	October 2, 2023 09:00-10:30 AM	1.5	2.11 Disorders of renal function	Discuss in class or online	- Exam - Presentation of a case study	- Assoc. Prof. Dr. Kantapom
	10:30-11:00 AM	0.5	Case study: Client with disorder of renal function	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Assoc. Prof. Dr. Kantapom - Asst. Prof. Dr. Samonnun
Week 16 Monday	October 9, 2023 09:00-10:30 AM	1.5	2.12 Circulatory failure (shock)	Discuss in class or online	- Lesson exercises (7 th) - Presentation of a case study	- Asst. Prof. Dr. Hathairat
	10:30-11:00 AM	0.5	Case study: Client with circulatory failure (shock)	Present a case study in class or online	- Writing a case study report - Summary of a case study using mind maps	- Asst. Prof. Dr. Hathairat - Asst. Prof. Dr. Ratjai
Week 19 Monday	October 30, 2023 09:00-11:00 AM		Final exam Topic 2.6, 2.9, 2.10			- Asst. Prof. Dr. Ratjai
	11:00-11:15 AM		Course evaluation			- Asst. Prof. Dr. Samonnun

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16 June 2023

Activities/assignments other than exams

Case study analysis

1. To perform case study analysis, an individual student selects one case study for analysis according to the student's interest. An advisor will supervise the student's processing of the selected case analysis. The schedule for meeting with the advisor is arranged for the 2nd week, on July 3, 2023, at 8:00 to 10:00 AM (advisors and students can also arrange appointments at convenient times) for the details of the case study analysis as follows:

1.1 Case study report: Students are assigned to perform and submit a case study report. The components of the report include 1) Cover 2) Introduction 3) Table of contents 4) Case study details 5) Pathophysiology and pharmacology related to the case study, 6) Results of pathophysiology and pharmacology analysis of the case, 7) Summary, and 8) Reference (following the 7th APA Format). Before the submission of case study reports, students are required to check the similarities of the report contents with other publications using the Copyleaks program. The due date for report submission is one week after the case study presentation. Students should improve the report's contents according to the advisor's suggestions, then submit it to the advisor and course coordinator for evaluation. (Recommendation: the number of pages for the report is not less than 20 pages, excluding the cover and references).

1.2 Presentation of case study: The schedule for case study presentation is indicated in the course teaching plan. The time for presentation is a total of 30 minutes (presentation of case analysis- 20 minutes, then followed by discussion and suggestion of students and advisors- 10 minutes).

1.3 Summary of a case study using mind maps: Students summarize an analysis of a selected case study using a one-page mind map. The contents of the mind map have to be comprehensive, accurate, and complete, according to academic principles (examples of mind maps are posted at LMS2@PSU of the course). Students are required to submit this mind map to the advisor one week after the presentation for further evaluation.

2. Evaluation of case study analysis

2.1 The presentation of the case study will be evaluated by two lecturers (inter-rater reliability), an advisor on the case study and a course coordinator.

2.2 Students have to receive scores for all course assignments (including 1) a report, 2) a presentation, and 3) a mind map) **equal to or higher than 60 percent**, in order to obtain a grade in this course.

3. Lesson exercises: There are 7 lesson exercises in this course. The schedule of lesson exercises is indicated in the teaching plan. Lecturers will notify students regarding the time to do lesson exercises in advance at the end of the class. The exercises are usually posted via LMS2@PSU.

Note: Students should look through the details of the evaluation forms of the course for the purpose of effectively managing and organizing the assignments.

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16 June 2023

Consequences of Academic Misconduct (Plagiarism)

Before the submission of coursework reports, students are required to check the similarities of the paper contents with other publications using the Copyleaks program. In the event that a student is found to be unethical in plagiarizing academic work, the process, according to the consensus of the graduate committees of the Faculty of Nursing at the meeting (no. 10/2012) on October 11, 2012, will be performed as follows:

1. For the first time, the student will be warned verbally or in writing if plagiarism is detected on a draft of the submitted report.

2. After submitting the original report, if plagiarism is still detected, the score of the report will be reduced by 20% of the actual score. Then, students are required to edit the report without plagiarism. When plagiarism is not detected, the student will receive a grade not higher than "B."

3. After re-editing, if plagiarism is still detected, the score of the report will be reduced by 40% of the actual score. Then, students are required to edit the report again without plagiarism. When plagiarism is not detected, the student will receive a grade not higher than "C."

4. After re-editing, if plagiarism is still detected, the student will be fined for failing the course with a grade of "E."

Feedback

According to the consensus of the graduate committee in the meeting (special no. 2/2021) on May 2, 2021, the Faculty of Nursing revised and updated the guidelines for giving feedback for graduate students' assignments, reports, and thesis or minor thesis as follows:

1. The lecturers are requested to give feedback within 1-2 weeks after students have submitted their assignments, reports, and thesis or minor thesis.

1.1 For theory courses, feedback needs to be provided within 1-2 weeks.

1.2 For practicum courses, feedback needs to be provided as appropriate to the practice.

2. Students are required to submit the final draft of assignments or reports by the due date. This will allow sufficient time for reviewers to review them and provide feedback. Students will get feedback after the presentation of the final assignments or reports in the class.

Wmporn
16 June 2023

สรุปภาระงานสอนของอาจารย์ผู้สอน

รหัสวิชา 646-531 ชื่อวิชา พยาธิสรีรวิทยาและเภสัชวิทยาขั้นสูงสำหรับผู้ใหญ่และผู้สูงอายุ (1/2566)

ชื่อ-สกุล อาจารย์ผู้สอน/อาจารย์พิเศษ/อาจารย์ ที่ปรึกษา	ภาระงานสอน (ชั่วโมง)				
	บรรยาย/ อภิปราย	ฟังการ นำเสนอ	สอน ปฏิบัติ	ให้คำปรึกษา	อื่น ๆ
อาจารย์ประจำ					
1. ผศ.ดร.ศมนันท์ ทศนีย์สุวรรณ	4	0.5			
2. ผศ.ดร.รัตใจ เวชประสิทธิ์	2	0.75			
3. ผศ.ดร.หทัยรัตน์ แสงจันทร์	1.5	0.25		0.5	
4. ผศ.ดร.จารุวรรณ กฤตย์ประชา	1.5	0.25		0.5	
5. ผศ.ดร.บุศรา หมื่นศรี	2				
6. รศ.ดร. กันตพร ยอดไชย	1.5	0.25		0.5	
7. ดร.ทศนีย์ ชาว	2				
8. ดร.สุมามิตา สวัสดิ์ดิโนนาท	2				
อาจารย์พิเศษ					
1. ผศ.ดร.ภญ. รุติมา ต้วงเงิน	3				
2. ศ.ดร.นพ.สุรศักดิ์ สังขทัต ณ อยุธยา	2				
3. รศ.พญ.ภัทรพิมพ์ สรรพวีรวงศ์	2				
4. ผศ.ดร.สุกัญญา เดชอดิศักดิ์	1				
5. ศ.พญ.กมลวิช เลาประสพวัฒนา	2				
รวมจำนวนชั่วโมง	26.5	2	0	1.5	

งานนักศึกษาที่ได้รับมอบหมาย (ชิ้นงาน)				
รายงาน	นำเสนอ	แบบฝึกหัด ท้ายบท (ครั้ง)	แผนที่ความคิด	อื่น ๆ
1	1	7	1	
รวมจำนวนงานทั้งหมด = 10 ชิ้น				

หมายเหตุ: ภาระงานสอน และงานที่มอบหมายให้นักศึกษา สามารถปรับเปลี่ยนหัวข้อได้ตามรายละเอียดของรายวิชา

Wmpm
16 June 2023