

Course Specification

I. Course Identification and General Information:						
1	Course Title:	Advanced Pathophysiology				
2	Course Code &Number:	MMNHN07				
3	Credit hours: 2	C.H				TOTAL
		Th	Seminar	Pr	Tr.	
		2	-	-		
4	Study level/ semester at which this course is offered:	First year/ first semester				
5	Pre –requisite:	-				
6	Co –requisite :	-				
7	Program (s) in which the course is offered:	Maternal and Neonatal Health Nursing				
8	Language of teaching the course:	English				
9	Location of teaching the course:	Faculty of Nursing				
10	Prepared By:					
11	Date of Approval	2022				

II. Course Description:

The course focuses on the mechanism of development of pathological changes in various systems physiology it explains reason for development of such pathological condition. Emphasis is placed on the clinical manifestation of each pathophysiological condition.

III. Intended learning outcomes of the course (ILCOs) and their alignment to Program Intended learning outcomes (PILOs)

ILCOs	PILOs
1. Identify the pathophysiology of most common obstetrics and gynecology disorders	A1
2. Describe the phases of develop of physiologic disorder.	A1
3. Evaluate the pathological changer result at specific body system disorder.	B3
4. Differentiate between normal and abnormal physiological function of common obstetrics and gynecology disorders.	B3
5. Work as team member.	D1

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
a2. Identify the pathophysiology of most common obstetrics and gynecology disorders	Lecture Discussion	Essay type Short answer Objective type
a2. Describe the phases of develop of physiologic disorder.	Lecture Discussion	Essay type Short answer Objective type

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
b1. Evaluate the pathological changer result at specific body system disorder.	Lecture Discussion	Essay type Short answer Objective type
b2. Differentiate between normal and abnormal physiological function of common obstetrics and gynecology disorders.	Lecture Discussion	Essay type Short answer Objective type

(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
Not applicable	-	-

(D) Alignment Course Intended Learning Outcomes of General and Transferable Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1. Work as team member	Lecture Discussion	Essay type Short answer

IV. Course Contents:					
A. Theoretical Aspect:					
No	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Ectopic pregnancy	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
2	Infertility	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
3	Gestational diabetes	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
4	Hypertensive Disorders in Pregnancy	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
5	Antepartum hemorrhage	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1

6	Pelvic inflammatory disease	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
7	Dysfunctional uterine bleeding	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
8	Midterm Exam		1	2	a1, a2, b1, b2,d1
9	Menopause	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
10	Amenorrhea	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
11	Abortion and miscarriage	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
12	Multiple Pregnancy	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1

13	Uterine fibroids	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
14	Postpartum hemorrhage	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
15	Rupture membrane	<ul style="list-style-type: none"> • Introduction • The pathophysiology of disease • Signs, symptoms and diagnosis • Basic investigations 	1	2	a1, a2, b1, b2,d1
16	Final Exam		1	2	a1, a2, b1, b2,d1
Number of Weeks /and Units Per Semester			16	32	

B - Practical Aspect:				
Order	Tasks/ Experiments	Number of Weeks	Contact hours	Learning Outcomes
	Not applicable	-	-	-
Number of Weeks /and Units Per Semester				

V. Teaching strategies of the course:
1. Lecture - Discussion

VI. Assignments:				
No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Anemia in pregnancy <ul style="list-style-type: none"> • Pathophysiology • Definition and types • Etiology • Management • Complications 	a1, a2, b1, b2	5-16	5
2	Coagulation Disorders in Pregnancy <ul style="list-style-type: none"> • Pathophysiology • Definition and types • Etiology • Management • Complications 	a1, a2, b1, b2	5-16	5
3	Cervix cancer <ul style="list-style-type: none"> • Pathophysiology • Definition and types • Etiology • Management • Complications 	a1, a2, b1,b2	5-16	5
4	Endometriosis <ul style="list-style-type: none"> • Pathophysiology • Definition and types • Etiology • Management • Complications 	a1, a2,b1,b2	5-16	5

VII. Schedule of Assessment Tasks for Students During the Semester					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Student assignment	5th - 12th week	10	10 %	a1, a2,b1,b2
2	Presentation	4 st - 14 th week	20	20 %	a1, a2,b1,b2
3	Mid-term exam	7th or 8th week	20	20%	a1, a2,b1,b2
4	Final exam	16th-17th week	50	50 %	a1, a2,b1,b2

	Total Theory Weight	100	100%	
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VIII. Learning Resources:				
1- Required Textbook(s)				
	Price S & Wilson L. Pathophysiology; Clinical concepts of disease process Mc Graw . Hill New York 2010.			
2- Essential References.				
	Campbell, Monga Hodder Arnold Gynecology By Ten Teachers			
3- Electronic Materials and Web Sites <i>etc.</i>				
	1. http://www.yahoo.com 2. http://www.google.com			

IX. Course Policies:				
1.	Class Attendance: At least 75 % of the course hours should be attended by the student. Otherwise, he/she will not be allowed to attend the final exam			
2.	Tardy: any student who is late for more than 15 minutes from starting the lecture will not be allowed to attend the lecture and will be considered absent.			
3.	Exam Attendance/Punctuality: Any student who is late for more than 30 minutes from starting the exam will not be allowed to attend the exam and will be considered absent.			
4.	Assignments & Projects: Assignments and projects will be assessed individually unless the teacher request for group work			
5.	Cheating: Cheating by any means will cause the student failure and he/she must re-study the course			
6.	Plagiarism: Plagiarism by any means will cause the student failure in the course. Other disciplinary procedures will be according to the college rules.			

Course Plan (Syllabus)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member		Office Hours					
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU
E-mail		X					

II. Course Identification and General Information:						
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3.	Credit hours: 2	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
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4.	Study level/year at which this course is offered:	First year/First semester				
5.	Pre –requisite:	-				
6.	Co –requisite :	-				
7.	Program (s) in which the course is offered	Maternal and Neonatal Health Nursing				
8.	Language of teaching the course:	English				
9.	System of Study:	Semester system				
10.	Mode of delivery:	Full time				
11.	Location of teaching the course:	Faculty of Nursing				

III. Course Description:
<p>The course focuses on the mechanism of development of pathological changes in various systems physiology it explains reason for development of such pathological condition. Emphasis is placed on the clinical manifestation of each pathophysiological condition.</p>

IV. Intended learning outcomes (ILOs) of the course:

1. Identify the pathophysiology of most common obstetrics and gynecology disorders
2. Describe the phases of develop of physiologic disorder.
3. Evaluate the pathological changer result at specific body system disorder.
4. Differentiate between normal and abnormal physiological function of common obstetrics and gynecology disorders.
5. Work as team member.

V. Course Content:

Distribution of Semester Weekly Plan of Course Topics/Items and Activities.

A – Theoretical Aspect:

Order	Topics List	Week Due	Contact Hours
1	Ectopic pregnancy	1	2
2	Infertility	2	4
3	Gestational diabetes	3	2
4	Hypertensive Disorders in Pregnancy	4	2
5	Antepartum hemorrhage	5	2
6	Pelvic inflammatory disease	6	2
7	Dysfunctional uterine bleeding	7	2
8	Midterm exam	8	2
9	Menopause	9	2
10	Amenorrhea	10	2
11	Abortion and miscarriage	11	2
12	Multiple Pregnancy	12	2
13	Uterine fibroids	13	2
14	Postpartum hemorrhage	14	2
15	Rupture membrane	15	2
16	Final exam	16	2
Number of Weeks /and Units Per Semester		16	32

B– Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
	Not applicable	-	-
Number of Weeks /and Units Per Semester		-	-

VI. Teaching strategies of the course:

1. Lecture - Discussion

VII. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Anemia in pregnancy	a1, a2, b1, b2	5-16	5
2	Coagulation Disorders in Pregnancy	a1, a2, b1, b2	5-16	5
3	Cervix cancer	a1, a2, b1,b2	5-16	5
4	Endometriosis	a1, a2,b1,b2	5-16	5

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