

## Course Syllabus (1st Semester)

<b>Course Title</b>	Physiology	<b>Curriculum Identity Number</b>	401 24100
<b>Credits (Required)</b>	4	<b>Instructor</b>	Dr. Linda Chia-Hui Yu
<b>Class Time</b>	Monday 1234	<b>Classroom</b>	Basic medical bldg. room No.501

### Schedule

	<b>Time</b>	<b>Hour</b>	<b>Topics</b>
1	08:10-08:30		Introduction
	08:30-12:30	4	Cell membrane
2	09:10-10:10	1	Lab 1: HHsim& Cell membrane discussion
	10:20-12:10	2	Muscle
3	08:10-10:00	2	Heart
	10:20-12:10	2	Heart
4	08:10-10:00	2	CV system
	10:20-12:10	2	CV system
5	08:10-10:00	2	GI system
	10:20-12:10	2	GI system
6	08:10-10:00	2	Respiration
	10:20-12:10	2	Respiration
7	08:10-12:10	4	Lab 2: Lab Safety & Introduction of PowerLab and Chart software
8	08:10-12:10	4	Lab 3: Nerve and Muscle & Cold Pressor Test 、HHsim
9	08:10-12:10	4	Lab 4: Cold Pressor Test 、HHsim & Nerve and Muscle
10	19:00-20:40		Mid- term
11	08:10-10:00	2	CNS
	10:20-12:10	2	CNS
12	08:10-10:00	2	CNS
	10:20-12:10	2	CNS
13	08:10-10:00	2	Kidney
	10:20-12:10	2	Kidney

14	08:10-10:00	2	Endocrine
	10:20-12:10	2	Endocrine
15	08:10-12:10	4	Lab 5: ECG & Estrous cycle of the female rat
16	08:10-10:00	2	Endocrine
	10:20-12:10	2	Endocrine
17	19:00-21:40	Final	

## Grading

No.	Item	%	Explanations for the conditions
1.	Mid term	33%	Mid- term
2.	Final	33%	Final
3.	Lab	33%	Test , Lab participation, Report

## References

### ➤ Ganong :

Ganong's review of medical physiology/ Kim E. Barrett ... [et al.]  
McGraw-Hill Medical, c2012 24<sup>th</sup> ed

### ➤ Vander :

Vander's human physiology: the mechanisms of body function/ Eric P. Widmaier, Hershel Raff, Kevin T. Strang  
McGraw-Hill Higher Education, c2014 13<sup>th</sup> ed.

### ➤ Guyton :

Textbook of medical physiology / Arthur C. Guyton, John E. Hall  
Philadelphia : Elsevier Saunders, c2011 12<sup>th</sup> ed

### ➤ Berne :

Berne & Levy physiology/ Bruce M. Koeppen, Bruce A. Stanton  
Mosby/Elsevier, c2010 6<sup>th</sup> ed., updated ed