

Course Syllabus (1st Semester)

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

Schedule

	Time	Hour	Topics
1	13:00-13:20		Introduction
	13:20-17:20	4	Cell membrane
2	13:20-15:10	1	Muscle
	15:30-16:30	2	Lab 1: HHsim& Cell membrane discussion
3	13:20-15:10	2	Respiration
	15:30-17:20	2	Respiration
4	13:20-15:10	2	Heart
	15:30-17:20	2	Heart
5	13:20-15:10	2	CV system
	15:30-17:20	2	CV system
6	13:20-15:10	2	GI system
	15:30-17:20	2	GI system
7	13:20-17:20	4	Lab 2: Lab Safety & Introduction of PowerLab and Chart software
8	13:20-17:20	4	Lab 3: Nerve and Muscle & Cold Pressor Test 、HHsim
9	13:20-17:20	4	Lab 4: Cold Pressor Test 、HHsim & Nerve and Muscle
10	19:00-20:40		Mid- term
11	13:20-15:10	2	CNS
	15:30-17:20	2	CNS
12	13:20-15:10	2	CNS
	15:30-17:20	2	CNS
13	13:20-15:10	2	Endocrine
	15:30-17:20	2	Endocrine

14	13:20-15:10	2	Kidney
	15:30-17:20	2	Kidney
15	13:20-17:20	4	Lab 5: ECG & Estrous cycle of the female rat
16	13:20-15:10	2	Endocrine
	15:30-17:20	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 24th ed

➤ Vander :

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

➤ Guyton :

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

➤ Berne :

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