



COURSE: Anatomy and Physiology II		
DEGREE: Biomedical Engineering	YEAR: 2016/2017	TERM: 2nd

WEEKLY PLANNING									
WEEK	SESSION	DESCRIPTION		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers	WEEKLY PROGRAMMING FOR STUDENT			
						DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)	
1	1 25JAN	Special senses: Vision					1,6		
1	2 26JAN					Examples, discussion and problems	1,6		
2	3 1FEB	Special senses: Vision (2)				Examples and discussion	1,6		
2	4 2FEB						1,6		
3	5 8FEB	Special senses: Audition				Examples and discussion	1,6		
3	6 9FEB					Examples, discussion and problems	1,6		
4	13 Feb 1st HOSPITAL VISIT						Hospital G. U. Gregorio Marañón		

4	7 15FEB	Special senses: Olfact and taste / SEMINAR I						1,6		
4	8 16FEB	Cardiovascular system: The heart and blood vessels (1)				A	Examples, discussion and problems	1,6		
5	9 22FEB	Cardiovascular system: The heart (2)					Examples and discussion	1,6		
5	10 23FEB	EXAM SENSES						1,6		
6	11 1MAR	Cardiovascular system: The heart (2)					Examples and discussion	1,6		
6	12 2MAR	Cardiovascular system: The circulation I						1,6		
7	13 8MAR	Cardiovascular system: The circulation II						1,6		
7	14 9MAR	SEMINAR II					Examples and discussion	1,6		
8	13 Mar 2nd HOSPITAL VISIT							Hospital G. U. Gregorio Marañón		
8	15 15MAR	Urinary System					Examples, discussion and problems	1,6		
8	16 16MAR						Examples and discussion	1,6		
9	17 22MAR	EXAM Cardio / Fluids and acid-base equilibrium						1,6		
9	18 23MAR						Examples and discussion	1,6		
10	19 29MAR	SEMINAR III								
10	20 30MAR	Endocrine system I				A	Examples, discussion and problems	1,6		
11	3 Apr 3rd HOSPITAL VISIT							Hospital G. U. Gregorio Marañón		
11	21 5APR	EXAM Urinary / Endocrine system II				A	Examples, discussion and problems	1,6		
11	22 6APR	Digestive system I				A		1,6		
12	23 19APR	Review of nutrition and metabolism					Examples and discussion	1,6		
	24 20APR	LESSON CANCEL						1,6		
13	24 24APR	Digestive system II 7.11.07				A				
13	25	Reproductive system, development and inheritance I				A	Examples, discussion and problems	1,6		

13	26 27APRR	Reproductive system, development and inheritance II			A		1,6	
14	8 May 4th HOSPITAL VISIT					Hospital G. U. Gregorio Marañón		
14	27 03MAY	EXAM Endocrine + Digestive + Reproductive					1,6	
14	28 04MAY					Examples, discussion and problems	1,6	
Subtotal 1							41,66	
Total 1 (Hours of class plus student homework hours between weeks 1-14)								

15	29 10MAY	Tutorials, handing in, etc						
15		Assessment					3	
16								
16								
Subtotal 2							3	
Total 2 (Hours of class plus student homework hours between weeks 15-18)								

TOTAL A (Total 1 + Total 2)							150
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LABORATORIES CLASSES PROGRAMMING (*)						
WEEK	SESSION	DESCRIPTION	LABORATORY	WEEKLY PROGRAMMING FOR STUDENT		
				DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
	1	Eye dissection	UC3M Labs		1,6	
	2	Heart-lung dissection	UC3M Labs		1,6	
	3	Cardiovascular clinical scenarios (on mannekin)	UC3M Labs		1,6	
	4	Physiological simulations	Homework		1,6	

	5	Visits to the Hospital clinics	Hospital Gregorio Marañón		1,6	
	6				1,6	
	7				1,6	
	8				1,6	
	9				1,6	
	10				1,6	
					Subtotal 3	16
					Total 3 (Hours of class plus student homework hours of ten sessions laboratories)	
					TOTAL B (Total 3)	
					TOTAL (Total A + Total B. <u>Maximum 180 hours</u>)	

() In EPS are given an additional 16 hours of laboratory practices along ten sessions.*