

Universitas Negeri Surabaya Faculty of Sports and Health Sciences S1 Sports Coaching Education Study Program

Document Code

SEMESTER LEARNING PLAN

Courses		CODE	Course		Credit Weight			s	SEMESTER		Con	pilation	
			Family					Date					
Human Physiology		8520202063			T=2	P=0	ECTS=3.1	8	0		July	19, 2024	
AUTHORIZATION		SP Developer		Course Cluster Coordinator				Study Program Coordinator					
							C	Dr. Or. Muhammad, S.Pd., M.Pd.					
Learning model	Case Studies	3											
Program	PLO study program that is charged to the course												
Learning Outcomes	Program Objectives (PO)												
(PLO)	PLO-PO Matrix												
	P.0												
	PO Matrix at the end of each learning stage (Sub-PO)												
	P.O Week												
		1 2 3 4	4 5 6	6 7	8	9	10 11	12	13	14	15	16	
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Short Course Description	This course examines the physiology of sport and exercise including cells, metabolism and cell division, understanding the muscular system, structure and function of skeletal muscles, circulatory system, respiratory system, digestive system, regulation, nutrition and body temperature, understanding and realizing how the energy system works. , hormonal control, nervous control, understanding and realizing the importance of providing energy and fatigue, understanding how the cardiovascular system and cardiovascular responses immediately after exercise such as pulse rate, stroke volume, blood distribution during exercise, Cardiovascular drift, as well as respiratory response to exercise, ventilation and metabolism energy). The assessment is carried out by explaining concepts, presenting examples and workshops. This lecture is carried out with presentations and discussions, project assignments, and reflection.												
References	Main :												
	 Katch VL, McArdle WD, Katch FI, 2011: Essentials of Exercise Physiology 4th Edition, Lippincott Williams & Wilkins Powers SK, Howley ET, 2009: Exercise Physiology, McGraw Hill Hoffman, 2014: Physiological Aspects of Sport Training and Performance, Human Kinetics Rebeccas K. Tanner, Christopher J. Gore, 2013: Physiological Test for Elite Athletes 2nd Edition, AIS, Human Kinetics Nining WK, Hartono S, Nasution J, 2011: Dasar-Dasar Fisiologi Olahraga, Unesa Unipress Nining WK, dkk, 2015: Fisiologi olahraga, Unesa Unipress 												
	Supporters:												
Supporting lecturer	Dr. Kunjung A Bayu Agung F	ng Widyah Kusnanik, S Ishadi, S.Pd., M.Fis., A Pramono, S.Pd., M.Kes dy Kusuma, S.Pd., M.K	AIFO. s.	Appl.So	C.								

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Le Stu Offline	Help Learning, earning methods, dent Assignments, Estimated time] Online (<i>online</i>)	Learning materials [References	Assessment Weight (%)	
		Indicator	Chiena a Form	offline)	Omme (Omme)]		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1							0%	
2							0%	
3							0%	
4							0%	
5							0%	
6							0%	
7							0%	
8							0%	
9							0%	
10							0%	
11							0%	
12							0%	
13							0%	
14							0%	
15							0%	
16							0%	

 Evaluation Percentage Recap: Case Study

 No
 Evaluation

 Percentage

 0%

Notes

- 1. Learning Outcomes of Study Program Graduates (PLO Study Program) are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
- 2. The PLO imposed on courses are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
- 3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
- 4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
- 5. **Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
- 6. Assessment Criteria are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
- 7. Forms of assessment: test and non-test.

- 8. Forms of learning: Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
- 9. Learning Methods: Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
- 10. Learning materials are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
- 11. The assessment weight is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
- 12. TM=Face to face, PT=Structured assignments, BM=Independent study.