

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

Document Code

UNESA	A		-											
SEMESTER LEARNING PLAN														
Courses			С	ODE	E Course Famil		Credit Weight		SEMESTER	Compilation Date				
Biomechanics		8!	8520202029			T=2 P=0 ECTS=3.18		8	July 18, 2024					
AUTHORIZATION		s	SP Developer				Course Cluster Coordinator			Study Program Coordinator				
												Dr. Or. Muhammad, S.Pd., M.Pd.		
Learning model														
Program Learning		PLO study pro	gram v	which is	s char	ged to	the cou	rse						
Outcome		Program Obje	ctives ((PO)										
(PLO)		PLO-PO Matrix	(
		P.O												
		PO Matrix at the end of each learning stage (Sub-PO)												
			P.C	P.O					Week					
				1	2	3 4	5	6 7	8	9	10	11 12	13 14	15 16
												-		
Short Course Strength, speed, ac presentations, disc			acceler	ration, ar	ngular :	speed, p	orinciples	of force	e, resista	ance, i	mome	nt, and force	. Lectures are	
Referenc	ces	Main :												
		 Albernety, Bruce, et.al. 1997. The Biophysical Foundations of Human Movement, Australia: Human Kinetics. Bartlett, Roger. 1997. Introduction to Sports Biomechanics, London: E & FN: Spon, An Imprint of Chapman & Hall Carr, Gerry. 1997. Mechanics of sport, A Practioner 19s Guide. America: Human Kinetics. Hidayat, Imam. 1997. Biomekanika, Diktat, FPOK-IKIP Bandung. 												
		Supporters:												
lecturer		YONNY HERDYANTO I Dewa Made Aryananda Wijaya Kusuma, S.Pd., M.Or. Dr. Donny Ardy Kusuma, S.Pd., M.Kes.												
Final abil each lear stage			Evaluation							Learning materials [Assessment Weight (%)			

	Dr. Bolliny riady traductina, c.i. a., mirco.						
Week-	Final abilities of each learning stage	Ev	aluation	Learı Studer	lp Learning, ning methods, nt Assignments, timated time]	Learning materials	Assessment Weight (%)
	(Sub-PO)	Indicator	Criteria & Form	Offline (offline)	Online (online)	References]	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Able to understand the role of biomechanics in sports	Explain and master the role of biomechanics in sports	Criteria: Full marks are obtained if you do all the questions correctly	Lectures, Discussions, Presentations and Questions and Answers 3 X 50			0%

2	Able to understand the principles and laws of gravity and equilibrium	Explain and identify the concepts of center of gravity and equilibrium.		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
3	Able to understand the definition of movement in sports	Explain and master the definition of movement in sports	Criteria: Complete assignments are accompanied by videos including references	Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
4	Able to understand the definition of movement in sports	Explain and master the definition of movement in sports	Criteria: Complete assignments are accompanied by videos including references	Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
5	Able to understand the definition of style	Explain and master the definition of style		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
6	Able to understand the definition of style	Explain and master the definition of style		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
7	Able to understand the definition of strength	Explain and master the definition of strength		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
8	Midterm exam		Criteria: Full marks are obtained if you do all the questions correctly	3 X 50		0%
9	Able to understand speed and acceleration	Explain and master speed and acceleration		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
10	Able to understand speed and acceleration	Explain and master speed and acceleration		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
11	Able to understand the definition of angular	Explain and master angular speed		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
12	Able to understand the definition of angular	Explain and master angular speed		Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%

13	Able to understand the basics of movement styles in sports	Explain and master the principles of style in sports movements	Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
14	Able to understand the definition of prisoner	Describe and control prisoners	Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
15	Able to understand moments and levers	Explain and master moments and levers	Lectures, Discussions, Presentations and Questions and Answers 3 X 50		0%
16					0%

Evaluation Percentage Recap: Case Study

1	No	Evaluation	Percentage	•
		U	0%	

Notes

- 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.
- 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.
- Indicators for assessing ability in the process and student learning outcomes are specific and measurable statements that identify the ability 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.
- 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.