


Semester Learning Plan

	Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences Physics Education Study Program				Document Code	
SEMESTER LEARNING PLAN						
COURSE	CODE	Group of Course	CREDIT POINTS		SEMESTER	Date of arrangement
Basic Education	-	Theory and Innovation of Physics Education	T = 3	P=0	1	30 November 2019
Authorization Department of Physics	Semester Learning Plan Developer		Group of Course Coordinator		Head of Study Program	
	Dr. Binar Kurnia Prahani, M.Pd.		Dr. Eko Hariyono, M.Pd,		Nadi Suprpto, Ph.D.	
Learning Outcome (LO)	PLO in course					
	PLO3	Demonstrate pedagogical knowledge in planning, teaching, and evaluating of physics learning.				
	PLO10	Work as an individual as well as a team effectively, have an entrepreneur skills, and awareness of environmental issues.				
	Course Learning Outcome (CLO)					
	CLO1	Students are able to master the knowledge of basic education. Mahasiswa dapat menguasai pengetahuan Dasar-dasar Kependidikan.				
	CLO2	Students can work effectively both in groups and individual. Mahasiswa dapat bekerja secara efektif baik secara individu maupun dalam kelompok.				
	Final competencies for each learning stage (Sub-CLO)					
	Sub-CLO1	Understand the basic education concept and able to work effectively both in groups and individual.				
	Sub-CLO2	Understand the human nature and its development also able to work effectively both in groups and individual.				
	Sub-CLO3	Understand the nature of education and able to work effectively both in groups and individual.				
	Sub-CLO4	Understand education as a system and able to work effectively both in groups and individual.				
Sub-CLO5	Understand the national education system and able to work effectively both in groups and individual.					



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	Sub-CLO6	Understand the educational foundations and able to work effectively both in groups and individual.
	Sub-CLO7	Understand the concept of teacher as a profession and able to work effectively both in groups and individual.
	Sub-CLO8	Understand the educational problems and able to work effectively both in groups and individual.
	Sub-CLO9	Understand the educational innovations in Indonesia and able to work effectively both in groups and individual.
	Sub-CLO10	Understand the character-building and able to work effectively both in groups and individual.
Short description about the course	Basic Education studies and equips pre-service teachers and or teachers in positions regarding the basic concept of education, human nature and its development, educational foundations, education as a system, the national education system, teacher as a profession, educational problems, educational innovations in Indonesia, and character-building both at school and outside of school also have capability to work effectively both individually and in groups.	
Course Content: Learning Material	<ol style="list-style-type: none"> 1. Basic Education Concept 2. Human Nature and Their Deveopment 3. The Nature of Education Hakikat Pendidikan 4. Education as System 5. The National Education System 6. Education Foundation 7. The Concept of Teacher as Educational Problems Profession 8. Education Innovation in Indonesia 9. Character-Building 	
References	Main references:	<ol style="list-style-type: none"> 1. M.V. Roesminingsih and Lamijan Hadi Susarno. 2015. <i>Teori Dan Praktek Pendidikan</i>. Surabaya: Lembaga Pengkajian dan Pengembangan Ilmu Pendidikan Fakultas Ilmu Pendidikan Universitas Negeri Surabaya in association with Penerbit Bintang. 2. Hasbullah. 2012. <i>Dasar-dasar Ilmu Pendidikan</i>. Jakarta: PT Raja Grafindo Persada. 3. Kadir, Abdul dkk. 2012. <i>Dasar-dasar Pendidikan</i>. Jakarta: Kencana Prenada Media Group.
	Supporting references:	<ol style="list-style-type: none"> 4. Mudyaharjo, R. 2012. <i>Pengantar Pendidikan</i>. Jakarta: PT Raja Grafindo Persada. 5. Applicable and relevant education laws and regulations. 6. Tirtarahardja, U. & S. L. La Sulo. 2005. <i>Pengantar Pendidikan</i>. Jakarta: Rineka Cipta.
Lecturers	Dr. Dwikoranto, M.Pd.	



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Dr. Binar Kurnia Prahani, M.Pd.
 Nurita Apridiana Lestari, S.Pd., M.Pd.

Requirement course

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Week	Final competencies for each learning stage (Sub-CLO)	Assessment		Learning Type, Learning Method, Student Tasks, [Time Estimation]		Learning Material [References]	Assessment Percentage (%)
		Indicator	Criteria & Type	Offline	Online		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Understand the basic education concept and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain the course material orientation ❖ Describe the definition of education as political science ❖ Describe the definition of education as applied science 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	The basic education concept: <ul style="list-style-type: none"> ❖ The course material orientation ❖ The definition of education as political science ❖ The definition of education as applied science ❖ [1, 2, 3, 4, 5, 6] 	sub-CLO1: 5%
2	Understand the human nature and its development also able to work effectively	<ul style="list-style-type: none"> ❖ Explain the essential nature of human 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative 	<ul style="list-style-type: none"> ❖ Learning type: Course 	-	The essential nature of human and their development:	sub-CLO2: 5%



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	both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain the essential dimension of human ❖ Analyze the human dimension development ❖ Analyze the whole Indonesian human figure 	<ul style="list-style-type: none"> ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 		<ul style="list-style-type: none"> ❖ Nature essential of human ❖ Essential dimension of human ❖ The human dimension development ❖ The whole Indonesian human figure ❖ [1, 2, 3, 4, 5, 6] 	
3-4	Understand the nature of education and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Describe the definition of education ❖ Explain the education process ❖ Analyze the education function 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	The nature of education: <ul style="list-style-type: none"> ❖ The definition of education ❖ Education process ❖ Education function ❖ [1, 2, 3, 4, 5, 6] 	sub-CLO3: 5%



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5	Understand education as a system and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain the definition of system ❖ Explain various system ❖ Analyze education as system 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	Education as system: <ul style="list-style-type: none"> ❖ The definition of system ❖ Various System ❖ Education as system ❖ [1, 2, 3, 4, 5, 6] 	sub-CLO4: 5%
6-7	Understand the national education system and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain the fundamental, objectives and function of national education ❖ Explain educational institutions, programs and management 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks 	-	The national education system: <ul style="list-style-type: none"> ❖ Fundamental, objectives and function of national education ❖ Educational institutions, programs and management ❖ [1, 2, 3, 4, 5, 6] 	sub-CLO5: 5%



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				❖ [6 x 50 minutes]			
8	Midterm Semester Evaluation/Midterm Exam						Midterm Exam sub-CLO1: 5% ; sub-CLO2: 5% ; sub-CLO3: 5% ; sub-CLO4: 5% ; sub-CLO5: 5%
9	Understand the educational foundations and able to work effectively both in groups and individual. Memahami Landasan Pendidikan serta mampu bekerja secara efektif baik secara individu maupun dalam kelompok.	<ul style="list-style-type: none"> ❖ Explain the educational foundations ❖ Explain the historical foundation ❖ Explain the philosophical foundation ❖ Explain the psychological foundation ❖ Explain the sociological foundation Menjelaskan landasan sosiologis. ❖ Explain the cultural foundation and Tut Wuri Handayani ❖ Explain the science, communication and technology foundation 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	The educational foundations <ul style="list-style-type: none"> ❖ Historical foundation ❖ Philosophical foundation ❖ Psychological foundation ❖ Sociological foundation ❖ Cultural foundation and Tut Wuri Handayani ❖ Science, communication and technology foundation ❖ [1, 2, 3, 4, 5, 6] 	sub-CLO6: 15%



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10	Understand the concept of teacher as a profession and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Describe the meaning of teacher as profession ❖ Explain teacher responsibility ❖ Explain teacher tasks ❖ Describe teacher role ❖ Analyze teacher professionalism competencies ❖ Analyze teacher ethics code 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	Teacher as profession <ul style="list-style-type: none"> ❖ The meaning of teacher as profession ❖ Teacher responsibility ❖ Teacher tasks ❖ Teacher role ❖ Teacher professionalism competencies ❖ Teacher ethics code ❖ [1, 2, 3, 4, 5, 6] 	sub-CL07: 15%
11-12	Understand the educational problems and able to work effectively both in groups and individual	<ul style="list-style-type: none"> ❖ Explain theoretical problems ❖ Explain practical problems ❖ Analyze practical problems in Indonesia ❖ Analyze the efforts to overcome educational problems in Indonesia 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks 	-	Educational problems <ul style="list-style-type: none"> ❖ Theoretical problems ❖ Practical problems ❖ Practical problems in Indonesia ❖ Efforts to overcome educational problems in Indonesia ❖ [1, 2, 3, 4, 5, 6] 	sub-CL08: 15%



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				❖ [6 x 50 minutes]			
13	Understand the educational innovations in Indonesia and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain change and innovation concepts ❖ Describe the definition of educational innovation ❖ Explain the objectives of innovation ❖ Explain the innovation cycle ❖ Explain problems that require educational innovation ❖ Analyze various educational innovation in Indonesia ❖ Analyze the renewal of the education system for educational personnel ❖ Explain the decision making in educational innovation ❖ Analyze obstacles in innovation ❖ Explain resistance. ❖ Analyze factors that need to be considered 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [3 x 50 minutes] 	-	Education in Indonesia <ul style="list-style-type: none"> ❖ Change and innovation concepts ❖ The definition of educational innovation ❖ The objectives of innovation ❖ The innovation cycle ❖ Problems that require educational innovation ❖ Various educational innovation in Indonesia ❖ The renewal of the education system for educational personnel ❖ The decision making in educational innovation 	sub-CLO9: 15%



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		in innovation in order to avoid resistance				<ul style="list-style-type: none"> ❖ Obstacles in innovation ❖ Resistance ❖ Factors that need to be considered in innovation in order to avoid resistance ❖ [1, 5] 	
14-15	Understand the character-building and able to work effectively both in groups and individual.	<ul style="list-style-type: none"> ❖ Explain the foundation of character-building concept ❖ Analyze the foundation of character values Menganalisis ❖ Analyze the character development stages 	<ul style="list-style-type: none"> ❖ Criteria: Quantitative ❖ Types: Test and Non-Test 	<ul style="list-style-type: none"> ❖ Learning type: Course ❖ Learning Methods: Questions and Answers, discussion and presentation ❖ Students Assignment: Individual and Group Tasks ❖ [6 x 50 minutes] 	-	<ul style="list-style-type: none"> ❖ The character-building ❖ The foundation of character-building concept ❖ The foundation of character values ❖ The character development stages ❖ [1, 5] 	sub-CLO10: 15%
16	Final Semester Evaluation / Final Exam						Final Exam sub-CLO6: 15% ; sub-CLO7: 15% ; sub-CLO8: 15% ; sub-



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CLO9: 15% ;
sub-CLO10:
15%