



Universitas Negeri Surabaya
Faculty of Mathematics and Natural Sciences
Undergraduate Physics Study Program

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date
FIELD WORK PRACTICE (PKL)	4520103249	Compulsory Curriculum Subjects - Institutional	T=3 P=0 ECTS=4.77	7	April 21, 2023
AUTHORIZATION	SP Developer		Course Cluster Coordinator		Study Program Coordinator
	Tim PKL		Prof. Dr. Munasir, S.Si., M.Si.		Prof. Dr. Munasir, S.Si., M.Si.

Learning model	Project Based Learning
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Program Learning Outcomes (PLO)	PLO study program which is charged to the course																																																																																				
	PLO-12	Have the ability to improve their knowledge and be able to continue their studies to a higher level.																																																																																			
	Program Objectives (PO)																																																																																				
	PO - 1	Academically and/or professionally capable who can apply, develop and enrich science and technology.																																																																																			
	PO - 2	Able to strive for the use of science and technology to improve people's living standards and enrich national culture.																																																																																			
	PO - 3	Able to achieve competitive and comparative advantages through resource management principles in accordance with professional management principles.																																																																																			
	PLO-PO Matrix																																																																																				
	<table border="1" style="margin: auto;"> <tr><td>P.O</td><td>PLO-12</td></tr> <tr><td>PO-1</td><td></td></tr> <tr><td>PO-2</td><td></td></tr> <tr><td>PO-3</td><td></td></tr> </table>		P.O	PLO-12	PO-1		PO-2		PO-3																																																																												
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PO Matrix at the end of each learning stage (Sub-PO)																																																																																					
<table border="1" style="margin: auto;"> <tr> <th rowspan="2">P.O</th> <th colspan="16">Week</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th> </tr> <tr><td>PO-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>PO-2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>PO-3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>		P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PO-1																	PO-2																	PO-3																
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Short Course Description	This course analyzes and contains real activities in the field with partners (industry, government/private agencies, community groups, training institutions, business entities, and other organizations) to gain understanding and skills carried out in a certain period, thereby increasing student professionalism according to scientific disciplines. management.
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References	Main :	
		1. Buku Pedoman Praktek Kerja Lapangan (PKL), Unesa 2. TIM. 2006. Buku Panduan PraktikKerja Lapangan. UNESA
	Supporters:	
		1. Buku pendukung lain yang relevan 2. Jurnal-jurnal ilmiah lain yang relevan

Supporting lecturer	Prof. Dr. Munasir, S.Si., M.Si.
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Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Preparation for PKL: Directing the implementation of PKL, preparing a proposal and determining the location of PKL, arranging permission letters from the Dean and Study Program	<ol style="list-style-type: none"> 1. Able to understand the nature and objectives of street vendors and the world of work. 2. Able to understand the scope and material of street vendors 3. Able to understand street vendor procedures 4. Able to get certainty about street vendors' places 	<p>Criteria:</p> <ol style="list-style-type: none"> 1. Quantitative 2. Understand the procedures for carrying out internships, prepare internship proposals, determine internship locations, obtain letters of approval from the target industry/agency <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance</p>	Presentation, Discussion and Question and Answer 3 x 50	Presentation, Discussion and Question and Answer 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%
2	Preparation for PKL: Directing the implementation of PKL, preparing a proposal and determining the location of PKL, arranging permission letters from the Dean and Study Program	<ol style="list-style-type: none"> 1. Able to understand the nature and objectives of street vendors and the world of work. 2. Able to understand the scope and material of street vendors 3. Able to understand street vendor procedures 4. Able to get certainty about street vendors' places 	<p>Criteria:</p> <ol style="list-style-type: none"> 1. Quantitative 2. Prepare an internship proposal, determine the internship location, obtain a letter of approval from the target industry/agency <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance</p>	Presentation, Discussion and Question and Answer 3 x 50	Presentation, Discussion and Question and Answer 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%
3	Preparation for PKL: Directing the implementation of PKL, preparing a proposal and determining the location of PKL, arranging permission letters from the Dean and Study Program	<ol style="list-style-type: none"> 1. Able to understand the nature and objectives of street vendors and the world of work. 2. Able to understand the scope and material of street vendors 3. Able to understand street vendor procedures 4. Able to get certainty about street vendors' places 	<p>Criteria:</p> <ol style="list-style-type: none"> 1. Quantitative 2. Prepare an internship proposal, determine the internship location, obtain a letter of approval from the target industry/agency <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance</p>	Presentation, Discussion and Question and Answer 3 x 50	Presentation, Discussion and Question and Answer 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%

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5	Able to work on street vendor job descriptions and able to solve problems that exist in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations)	Able to meet the attendance attendance at the PKL location, namely 40 working days/ 8 working weeks (assuming Monday-Friday work for 8 working hours) by receiving guidance from the field supervisor	<p>Criteria:</p> <ol style="list-style-type: none"> 1. Quantitative 2. Gain work experience according to the job description assigned by partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance</p>	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	<p>Material: Procedures for implementing internships Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%
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8	Able to work on street vendor job descriptions and able to solve problems that exist in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations)	Able to meet the attendance attendance at the PKL location, namely 40 working days/ 8 working weeks (assuming Monday-Friday work for 8 working hours) by receiving guidance from the field supervisor	Criteria: 1.Quantitative 2.Gain work experience according to the job description assigned by partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	Material: Procedures for implementing internships Reference: TIM. 2006. <i>Fieldwork Practice Handbook.</i> UNESA	20%
9	Able to work on street vendor job descriptions and able to solve problems that exist in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations)	Able to meet the attendance attendance at the PKL location, namely 40 working days/ 8 working weeks (assuming Monday-Friday work for 8 working hours) by receiving guidance from the field supervisor	Criteria: 1.Quantitative 2.Gain work experience according to the job description assigned by partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) Forms of Assessment : Participatory Activities, Portfolio Assessment, Practice / Performance	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	Practical work approach in partners (industry, government/private agencies, community groups, training institutions, business entities and other organizations) 3 x 50	Material: Procedures for implementing internships Reference: TIM. 2006. <i>Fieldwork Practice Handbook.</i> UNESA	5%
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13	Able to prepare PKL reports according to actual activities with the provisions of the procedures for writing PKL reports by receiving guidance from field supervisors and supervisors	<ol style="list-style-type: none"> 1.Able to prepare PKL reports according to actual activities with the provisions of writing procedures 2.Carry out the guidance process with field supervisors (from Unesa and agencies) 	<p>Criteria:</p> <ol style="list-style-type: none"> 1.Quantitative 2.The process of completing the final PKL report <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment</p>	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%
14	Able to prepare PKL reports according to actual activities with the provisions of the procedures for writing PKL reports by receiving guidance from field supervisors and supervisors	<ol style="list-style-type: none"> 1.Able to prepare PKL reports according to actual activities with the provisions of the procedures for writing PKL reports 2.Carry out scheduled guidance with supervisors (internal or from the agency) 	<p>Criteria:</p> <ol style="list-style-type: none"> 1.Quantitative 2.The process of completing the final PKL report <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment</p>	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%
15	Able to prepare PKL reports according to actual activities with the provisions of the procedures for writing PKL reports by receiving guidance from field supervisors and supervisors	<ol style="list-style-type: none"> 1.Able to prepare PKL reports according to actual activities with the provisions of the procedures for writing PKL reports 2.Carry out scheduled guidance with supervisors (internal or from the agency) 	<p>Criteria:</p> <ol style="list-style-type: none"> 1.Quantitative 2.The process of completing the final PKL report <p>Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment</p>	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	Discussion, question and answer/consultation: writing reports on PKL activities in accordance with the PKL guidebook at UNESA. 3 x 50	<p>Material: Procedures for implementing internships</p> <p>Reference: <i>TIM. 2006. Fieldwork Practice Handbook. UNESA</i></p>	5%

16	Able to present the results of the PKL final report in front of the board of examiners (after obtaining approval from the PKL supervisor)	1. Able to present the results of activities and final PKL reports in front of the board of examiners. 2. Carry out scheduled guidance with supervisors (internal or from the agency)	Criteria: 1. Quantitative 2. The process of completing the final PKL report Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment	Presentations, discussions and questions and answers 3 x 50	Presentations, discussions and questions and answers 3 x 50	Material: Procedures for implementing internships Reference: TIM. 2006. <i>Fieldwork Practice Handbook.</i> UNESA	20%
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Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	36.72%
2.	Project Results Assessment / Product Assessment	11.68%
3.	Portfolio Assessment	36.72%
4.	Practice / Performance	25.04%
		100%

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.
- 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.
- 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.
- 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.
- Forms of assessment:** test and non-test.
- 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.
- Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
- 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%.
- TM=Face to face, PT=Structured assignments, BM=Independent study.