	COURSE SYLLABUS OF PHYSICS EDUCATION STUDY PROGRAMME FACULTY OF EDUCATIONAL SCIENCES UIN SYARIF HIDAYATULLAH JAKARTA					Document Code MH-PFIS
COURSE	**CODE**	**CORE MODULE**	**WEIGHT (CREDITS)**	**WORKLOAD FOR EACH MODULE (IN MINUTES)**	**SEMESTER**	**COMPILATION DATE**
PHYSICS LEARNING EVALUATION	FTK6019126	Compulsory	3 SKS 4.5 ECTS	• Lecture : 150.0 • Laboratory course: • Project work: • Independent task: 180.0 • Structured task: 180.0 • Internship: **Total : 520**	3	September 4, 2023

Language details	Indonesian
Teaching methods	Small Group Discussion, Role-Play & Simulation
Type of Examination	• Participation (Attendance / Quiz): 10% • Observation (Practice / Assignment): 30% • Performance (Presentation): 30% • Oral Test (Group Assignment): 30% • Midterm Exam: • Final Exam:
Module Coordinator	Kinkin Suartini,S.Pd, M.Pd
Lecturer	Kinkin Suartini,S.Pd, M.Pd Reza Ruhbani Amarulloh, S.Pd, M.Pd
Course Requirements	Have taken courses FTK60I9I02 Studying and Learning Physics, FTK6019109 Learning Strategies
Learning Outcomes	**PROGRAMME LEARNING OUTCOME (PLO)**
	PLO1 Graduates have expertise in physics and physics learning with an approach that is appropriate to Indonesia's social, cultural and environmental context. PLO2 Graduates have the ability to manage, develop and utilize technology in physics learning PLO3 Graduates have the ability to solve physics education problems using scientific methods
	Intended Learning Outcome (ILO)
	CPL01 Mastering Professionalism skills in Physics Education: Mastering basic educational concepts, learning theories, and physics and mathematics concepts to design, implement, and evaluate innovative physics learning by utilizing information technology and the environment; able to plan, implement and evaluate innovative physics learning, utilize ICT and the surrounding environment to develop students' critical thinking skills and scientific attitudes, apply mathematical models in explaining physical phenomena, demonstrate independent and quality performance, be responsible for achieving group work results, carry out supervision and evaluation, as well as communicating effectively both written and verbally in educational and research contexts, as well as demonstrating good leadership and administrative skills; and demonstrate faith and devotion to God Almighty and uphold religious, moral and ethical values in every action.
	Course Learning Outcome (CLO)
	CPMK01.54.31 Mastering the principles and concepts of Learning Evaluation Principles and Objectives, Test and non-test assessment techniques, Creating and Developing Authentic Assessment Instruments, Portfolio Based Evaluation in Physics Learning, Project Based Evaluation in Physics Learning, Project Based Evaluation in Physics Learning, Item Analysis Questions and Preparation of Evaluation Reports, Analysis of Question Items and Preparation of Evaluation Reports, Performance Evaluation Techniques in Physics Learning, Peer Review and Self Assessment Evaluation Techniques in Physics Learning, Using Technology in Learning Evaluation, Ethics and Best Practices in Physics Learning Evaluation with thoughts logical, critical and independent and upholds religious, moral and ethical values.
	Sub-CLO
	SUB-CPMK01.54.31.02.01 Students can identify, explain and explain the basic principles of learning evaluation and know and apply the objectives of learning evaluation in an educational context. SUB-CPMK01.54.31.02.02 Students are able to evaluate the advantages and disadvantages of various assessment techniques (tests and non-tests) in measuring students' cognitive, affective and psychomotor domains. SUB-CPMK01.54.31.02.03 Students are able to develop authentic assessment instruments that are in accordance with the competency domain, learning objectives and student characteristics.

	SUB-CPMK01.54.31.02.04 Students are able to apply portfolio-based evaluation in physics learning at school by using appropriate assessment criteria, involving students in the evaluation process, and providing constructive feedback. SUB-CPMK01.54.31.02.05 Students are able to design, implement, and present physics projects that are relevant to learning topics, instructional objectives, and student needs. SUB-CPMK01.54.31.02.06 Students can explain, design and implement project-based evaluation in the context of physics learning. Students are also able to identify the advantages and limitations of this evaluation approach and adapt it according to physics learning needs. SUB-CPMK01.54.31.02.07 Students are able to analyze physics objective test items using classical techniques and item response theory (IRT), as well as prepare an evaluation report that includes the results of the analysis, interpretation and recommendations. SUB-CPMK01.54.31.02.08 Students are able to analyze physics objective test items using classical techniques and item response theory (IRT), as well as compiling evaluation reports that include the results of analysis, interpretation and recommendations. SUB-CPMK01.54.31.02.09 Students can find out about Performance Evaluation techniques in Physics Learning SUB-CPMK01.54.31.02.10 Students can learn about Peer Review and Self Assessment Evaluation techniques in Physics Learning SUB-CPMK01.54.31.02.11Students can use Technology in Learning Evaluation SUB-CPMK01.54.31.02.12 Students can find out about Ethics and Best Practices in Physics Learning Evaluation SUB-CPMK01.54.31.01.01 Students can demonstrate behavior that reflects faith and devotion in every action and daily activity SUB-CPMK01.54.31.01.02 Students can demonstrate an attitude of responsibility and independence in carrying out tasks and work in their field of expertise SUB-CPMK01.54.31.03.01 Students can evaluate the effectiveness of physics learning that has been implemented SUB-CPMK01.54.31.03.02 Students can demonstrate and apply logical, critical, systematic and innovative thinking in the context of the development or implementation of science and technology SUB-CPMK01.54.31.03.03 Students can carry out effective self-evaluations and manage learning independently
Brief Description of the Course	This course is a Compulsory course in the Physics Education Program. The topics covered in this course include Basic educational concepts and learning theories. The type of lecture used is Seminar or equivalent with the method Small Group Discussion, Role-Play & Simulation, conducted through Effective, Holistic.
Scientific Integration	2. develop and enrich the theories, substances and objects of scientific study;
Research and Community Service Integration	
Learning Materials	Basic educational concepts and learning theories
References	Ilmu Falak: Sejarah, Teori, dan Aplikasi oleh Mukhtar Latif