



**UNIVERSITAS PENDIDIKAN INDONESIA**  
FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION  
DEPARTMENT OF PHYSICS EDUCATION  
Jalan Dr. Setiabudi 229 Bandung 40154  
Telepon: (022) 2004548 Fax. (022) 2004548  
Laman: fisika.upi.edu, E-mail: sekdep\_pendfisika@upi.edu

**Bachelor of Physics**

**MODULE HANDBOOK**

Module name:	Modern Physics Experiments	
Module level, if applicable:	Undergraduate	
Code:	FI462	
Sub-heading, if applicable:	-	
Classes, if applicable:	-	
Semester:	6 <sup>th</sup>	
Module coordinator:	Andhy Setiawan	
Lecturer(s):	Andhy Setiawan, Wiendartun, Mohammad Arifin.	
Language:	Bahasa Indonesia	
Classification within the curriculum:	Compulsory course	
Type of Teaching	Contact hours per week during the semester	Class Size
1. Lecture (practice and presentation) 2. Structured activities for practice preparation and making report 3. Self-study (reading literature)	150 minutes	15
Workload:	Total workload is 90 hours 40 minutes (3.2 ECTS) which consist of 40 hours of laboratory activities (1.41 ECTS) and 50 hours 40 minutes of practice preparation, making report and self-study (1.75 ECTS)	
Credit points:	3.2 ECTS	
Pre-requisites course(s):	Modern Physics (FI360)	
Course learning outcomes:	After taking this course the students have ability to: CLO1. Apply concepts of modern physics in planning the experiment. CLO2. Conduct experiment in modern physics. CLO3. Analyze experimental data as result of experiment in modern physics. CLO4 Apply concepts of modern physics in discussing the experiment result.	

