

MODULE HANDBOOK

Module Name	:	Special Topics in Instrumentation Physics
Module Level	:	Bachelor
Abbreviation, if applicable	:	FI4271
Sub-heading, if applicable	:	
Semester/ term	:	
Module Coordinator(s)	:	
Lecturer(s)	:	
Language	:	Indonesia
Classification within the curriculum	:	elective course
Teaching format/ class hours per week during the semester	:	
Workload	:	2 CU
Credits Points	:	2
Requirements	:	
Learning goals	:	<p>Knowledge:</p> <ol style="list-style-type: none"> 1. Understand the basic techniques of instrumentation system to applied in special physics problem 2. Understand the physical modeling of physics problem 3. Able to apply signal processing to measure physics phenomena 4. Developing an instrumentation system for specific physics problem <p>Skill:</p> <ol style="list-style-type: none"> 1. able to develop instrumentation computation <p>Competencies:</p> <ol style="list-style-type: none"> 1. Able to design an instrument based on physics phenomena
Content	:	in this course we will discuss current topics in instrumentation physics which is used in various applications. For example analytical instrumentation, medical instrumentation, and other special applications