

## MODULE HANDBOOK

Module Name	:	Electronic and Optoelectronic Devices
Module Level	:	Bachelor
Abbreviation, if applicable	:	FI4131
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	:	
Credits Points	:	3 CU
Requirements	:	FI2103 Electronics FI3102 Quantum Physics
Learning goals	:	
Content	:	This course will be systematically discussed following topic: (1) cleanroom technology, (2) substrate/wafer cleaning technique, (3) vacuum technology (4) quantum structure fabrication and thin film deposition technique. (5) lithography and etching technology (6) process integration. This course also discusses the technology development of transistor, spintronics, LED and solar cell devices.