MODULE HANDBOOK

Module Name	**General Physics**
Module Level	Bachelor
Abbreviation, if applicable	
Sub-heading, if applicable	-
Course included in the module, if applicable	-
Semester/term	1st/First year
Modul coordinator(s)	Dr. Z.A. Imam Supardi, M.Si.
Lecturer(s)	Team
Language	Bahasa Indonesia
Classification within the curriculum	Compulsory
Teaching format/class hours per week during the semester	2 hours lectures (50 min / hour)
Workload	1 CU for bachelor degree equals to 3 workhours per week or 170 minutes (50' face to face learning, 60' structured learning, and 60' independent learning). In one semester, courses are conducted in 14 weeks (excluding mid and end-term exam). Thus, 1 CU equals to 39.67 workhours per semester. One CU equals to 1.59 ECTS.
Credit point	2 CU = 2 x 1.59 = 3.18 ECTS
Requirement	-
Study/exam achievements	Students are considered to be competent and pass if at least gets core 68 Final score is calculated as follows: 20% participation, 30 assignment + 20% mid test + 30% final test
Targeted learning outcomes:	CLO-1: Solve physics basic concepts such as vectors, particle kinematics, particle dynamics, fluids, thermophysics, optics, static and dynamics electricity. CLO-2: Implement mathematics to solve physics problems
Content:	The concepts and principles / laws of measurement, kinematics, dynamics, temperature, heat, and heat transfer
Study / exam achievements:	Students are considered to be competent and pass if at least get 55. Final score is calculated as follows: 20% participation + 30% assignment + 20% middle exam (UTS) & 30% final exam (UAS) Table index of graduation:

	• A = 4 (85 ≤-≥ 100) • A- = 3,75 (80 ≤-< 85) • B+ = 3,5 (75 ≤- < 80) • B = 3 (70 ≤-< 75) • B- = 2,75 (65 ≤-<75) • C+ = 2,5 (60 ≤-<65) • C = 2 (55 ≤-<60) • D = 1 (40 ≤-<55) • E = 0 (0 ≤-<40)
Media:	Handbook and PPT
Learning Methods	Individuals assignment, group assignment, discussion, and presentation
Literature:	1.Giancoli, Douglas. 2016. Physics: Principles with Applications II Global Edition.California: AddisonWesley. 2.Halliday & Resnick. 2013. Fundamental of Physics, 10thEdition. John Wiley & Sons Inc. Young, Hugh D., Freedman, Roger A., Ford 3.Albert Lewis. 2016. Sears and Zemansky's University Physics:With Modern Physics. Pearson.