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Module designation	Laboratory Management
Module level, if applicable	Undergraduate
Code, if applicable	PIPAUM6801
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Even/Autumn Term
Person responsible for the module	Muhammad Fajar Marsuki, S.Pd., M.Sc.
Lecturer	Muhammad Fajar Marsuki, S.Pd., M.Sc., Novida Pratiwi, S.Si., M.Sc.
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, elective, 2 th semester
Type of teaching, contact hours	Direct Instruction and Cooperative Learning for Lectures, 100 minutes for lectures
Workload	<ol style="list-style-type: none"> 1. Lectures: 2 x 50 = 100 minutes (1,67 hours) per week 2. Exercise and Assigments: 2 x 60 minutes = 120 minutes (2 hours) per week 3. Private Study: 2 x 60 minutes = 120 minutes (2 hours) per week
Credit points	2 credit points (~3.17 ECTS-eq)
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.
Recommended prerequisites	-
Module objectives/intended learning outcomes	<p>After completing this module, students are expected to:</p> <p>LO8: master the concept and the principles of management (schools, junior high school laboratory, learning resources) to develop innovative learning and edutainment entrepreneurship in the form of innovative and adaptive props/learning software towards the development of technology and community needs independently, quality, and measureably.</p>

Content	<ol style="list-style-type: none"> 1. The essence and basic principles of laboratory management 2. Laboratory roles and functions 3. Types of laboratories 4. Junior high school science laboratory design 5. Laboratory organizational structure 6. Laboratory administration 7. Equipment and material storage techniques 8. Tool and material labeling techniques 9. Tool and material lending SOPs 10. Practical preparation, laboratory work safety.
Study and examination requirements and forms of examination	Measuring student learning achievement by assessing presentations, class discussions, drafting papers, make inventory application of laboratory tools and substances, midterm exams.
Media employed	Whiteboard, Power Point, Platform Youtube, Moodle (SIPEJAR)
Reading list	<ol style="list-style-type: none"> 1. Decarprio, R. 2013. Tips Mengelola Laboratorium Sekolah IPA, Bahasa, dan Kimia. Yogyakarta: Diva Press. 2. Hill, R. H. & Finster, D. 2010. Laboratory Safety for Chemistry Students. New York: Wiley. 3. Koesmadji, W. 2000. Teknik Laboratorium. Bandung: UPI. 4. Teitel, L. 2003. The Professional Development Schools Handbook: Starting, Sustaining and Assessing Partnerships That Improve Student Learning (1st edition). California: Corwin Press. 5. Tim Supervisi Ditjen Dikti. 2003. Bahan Ajar Pelatihan Manajemen Laboratorium. Direktorat Jendral Pendidikan Tinggi Proyek Peningkatan Manajemen Pendidikan Tinggi.
Date of last amendment made	May, 2020