Module designation	Adult Nursing 3 (System of musculosceletal, integument, sensory perception, and nervous)
Semester(s) in which the module is taught	5th semester
Person responsible for the module	Agis Taufik, M.Kep.,Ns., Sp.Kep.MB
Language	Bahasa Indonesia/ English
Relation to curriculum	Compulsory
Teaching methods	1. Lecture and discussion 2. Project-based learning 3. Practicum
Workload (incl.contact hours, self-study hours)	Total contact hours of scheduled learning activities: 1. In class session: 100 minutes/weeks for 16 weeks or 40.00 /semester 2. Laboratory session: 170 minutes/weeks for 16 weeks or 45,3 hours/semester 3. Self-study hours: 120 minutes/weeks or 32 hours/semester 4. Assignment: 120 minutes/week for 16 weeks or 32 hours/semester
Credit points	4 credit points (3-1)/ 7,25 ECTS
Required and recommended prerequisites for joining the module	Basic Biomedical Sciences, Basic Science of Nursing
Module objectives/intended learning outcomes	Upon completion of this course, students will be able to: 1. ILO 1 (A): Show devotion to God Almighty, demonstrate a professional attitude, apply ethical principles, and have legal and cultural perspectives in nursing based on the values of honesty, caring, and persistence in performing duties in the field of nursing; CLO 1: Demonstrate consideration of culture, religion and belief in designing health promotion. 2. ILO 2 (K): Master the application of nursing science and general skills in nursing; CLO 2: Mastering the physiological anatomy of the Musculoskeletal system, Integument, Sensory Perception, Nervous system. 3. ILO 4 (S2): Develop and improve continuous professional skills in nursingties; CLO 3: Able to demonstrate the ability to think critically, logically and systematically in every discussion. 4. ILO 6 (C2): Provide professional nursing care based on Evidence Based Practice (EBP) to improve the quality of nursing care and client safety. CLO 4: Designing nursing care for adult clients who experience problems in the system,

	musculoskeletal, integument, sensory perception and innervation, based on evidence-based practice. 5. ILO 8 (C4): Provide education and health promotion to individuals, families, and communities. CLO 5: Designing activities and simulating Health Education on the disruption of the musculoskeletal system, integument, sensory perception and nervous system.
Content	Content will include: 1. Anatomy, physiology and pathophysiology of musculoskeletal systems. 2. Anatomy, physiology and pathophysiology of integument systems. 3. Anatomy, physiology and pathophysiology of sensory perception and innervation systems. 4. Nursing care in the disorder of the musculoskeletal system, integument, sensory perception and innervation. 5. Health Education and Promotion: designing activities and simulating Health Education on the disruption of the musculoskeletal system, integument, sensory perception and nervous system.
Examination forms	1. Written exam 2. Peer Assessment 3. Presentation evaluation 4. Practicum exam: Microteaching 5. Health Promotion Project
Study and examination requirements	Examination requirements: 1. Student must attend, at a minium, 75% of face-to-face or synchronous online class meetings 2. Student must submit all assignments before the deadline 3. Student must attend the exam
Reading list	1. Black, J.M., & Hawk, J.H. (2014). Medical surgical nursing clinical management for positive outcomes. 7th ed. St. Louis :Elsevier Saunders. 2. Lewis, K. (2019). Medical surgical nursing assessment and management of clinical problems. 11th ed. St. Louis :Mosby Inc. 3. Ignatavicius, D.D., & Workman. (2006). Medical surgical nursing : Critical thinking for collaborative care. 5th ed. St Louis, Missouri: Elsevier Inc. 4. Smeltzer & Bare. (2013). Brunner & Suddarth's textbook of medical surgical nursing. Philadelpia : Lippincott. 5. Dochterman, J.M., & Bulechek, G.M., (2013). Nursing intervention classification (NIC) (4th ed.), St. Louis: Mosby. 6. Moorhed, S., Johnson, M., Maas, M.L., Swanson, E. (2013). Nursing outcomes classification (NOC). St. Louis: Mosby 7. NANDA International. Nursing diagnoses: Definitions and Classification 2018-2020. 11th ed. Thieme.

8. Bulechek, G.M., Butcher, H & Dochterman, J M. 2013. Nursing Intervention Classification (NIC) sixth edition. United States of America. Elsevier.
9. Doenges, M. E, (2008), Nursing care plans: Guidelines for planning and documenting patient care. Pennsylvania : Davis Company.
10. Lecturer in Indonesian medical medical surgery nursing. (2017). Surgical medical nursing care plan: diagnosis of NANDA-I 2015-2017 NIC intervention, NOC results. EGC: Jakarta.
11. Perry, A.G & Potter, P.A. (2014). Nursing skill & Procedures, 8thedition. St.Louis: Mosby Elseveir.
12. PPNI (2016). Indonesian Nursing Diagnosis Standards: Diagnostic Definitions and Indicators, edition 1, Jakarta: DPP PPNI.
13. PPNI (2018). Indonesian Nursing Intervention Standards: Definition and Action of Nursing, edition 1, Jakarta: DPP PPNI.
14. PPNI (2018). Indonesian Nursing External Standards: Definition and Criteria of The Results of The Ministry, 1st edition, Jakarta: DPP PPNI.
15. Upoyo,U.S., Ropi, H., Sitorus, R. (2011). Murotal simulation of glasgow coma scale in ischemic stroke patients. Indonesian Journal of Applied Sciences, Vol 1 (3). DOI: https://doi.org/10.24198/ijas.v1i3.1885.
16. Upoyo, AS, Isworo, A., Sari, Y., Taufik, A., Sumeru, A., Anam, A. Determinant Factors Stroke Prevention Behavior among Hypertension Patient in Indonesia. Open Access Macedonian Journal of Medical Sciences. 2021 May 07; 9(E):336-339. https://doi.org/10.3889/oamjms.2021.6040
17. Upoyo, A.S, Setyopranoto, I., Pangastuti, H.S. (2021). The modifiable risk factors of uncontrolled hypertension in stroke: a systematic review and meta-analysis. Stroke Research and Treatment. Vol. 2021, article ID 6683256. https://doi.org/10.1155/2020/6683256.
18. Sari, Y., Isworo, A. , Upoyo, A.S. , ... Kurniawan, D.W. , Sutrisna, E. A comparison of the effectiveness banana stem sap and virgin coconut oil on diabetic wound healing. IOP Conference Series: Earth and Environmental Science, 2021, 746(1), 012018
19. KMB Unsoed Team (2021). Preticum Guide to Medical Medical Surgery III. Purwokerto: Fikes Unsoed