



Synopsis for Work-Study Diploma in Nursing

S/N	Module	Hours
1	Pathophysiology & Pharmacology I On completion of the module, trainees should be able to understand the basic make up of human body at the cell, cellular organisation and organs system. Trainees should be able to apply the acquired knowledge of anatomy, physiology & pathological diseases of the cardiovascular, respiratory, gastrointestinal, integumentary and immune system. The principles and concepts in the used of pharmacology agents in the management of various disease conditions should enable trainees to integrate pathophysiology and pharmacology in their nursing practice.	80
2	Health Psychology & Sociology On completion of the module, trainees should be able to relate the theories and concepts in psychology and sociology in the healthcare settings as a nurse while providing care to the patients. Acquire knowledge specific to health psychology that focuses on the individual's behaviours in terms of health and illness and the social-cultural perspectives of health and illness. Trainees also should be able to examine psychological and sociological issues specific to health and illness and the critical aspect of psychosocial dimension of health and illness.	80
3	Essentials in Pharmacology On completion of the module, trainees should be able to incorporate medicine science and medication administration in the safe delivery of care to patients. Trainees should be able to apply principles of safe drug administration including drug regulations and standards, apply basic concepts of mathematics in drug calculations/reconstitution, the concepts of pharmacodynamics and pharmacokinetics, therapeutic effects, contraindications, nursing considerations and health education of drugs.	40
4	Applied Clinical Science I On completion of the module, trainees will be equipped with basic knowledge and essential skills fundamental to nursing practice including meeting the needs of the patient in their activities of daily living using the nursing process framework and key concepts of clinical reasoning, critical thinking, problem solving in making decision to formulate nursing care plans. Trainees will also be equipped with knowledge of common disease process, medical management and nursing care of patients with cardiovascular, respiratory and integumentary disorders.	120
5	Community Nursing & Elder Care On completion of the module, trainees should be equipped with the knowledge and skills to provide care in the community using the nursing process approach. Coverage of the module includes the role of the community nurse, which the trainees should be able to plan illness/disease preventive strategies for the elderly, family and the community through various community support/aids/resources and health education with the acquired knowledge. The module also prepares the trainee to provide quality and holistic care for the elderly in the community.	60



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6	Effective Communication & Health Education On completion of this module, trainees should be able to apply effective communication skills when interacting with the healthcare team, patients and their families. The module covers a wide range of communication approaches such as oral presentation, writing skills and the used of media literacy to present ideas. Equipped with communication skills, the trainees should be able to apply the principles of teaching, coaching and supervising in patient health education and care giver training.	40
7	Nursing Practice & Simulation I On completion of the module, trainees should be able to practise nursing care of patients who required basic needs including activities of daily living with cardiovascular, respiratory and integumentary disorders. Through simulation of work situations, trainees will be able to apply the nursing process framework to problem-solved nursing problems identified and make appropriate clinical decisions.	40
8	Health Assessment On completion of the module, trainees should be able to perform health assessment by applying the principles and techniques in physical assessment, health history taking and data collection to determine the care of patients. Trainees should integrate concepts and theories of biological, psychological and social-cultural knowledge that impact health promotion, disease prevention and care of illness.	40
9	Pathophysiology & Pharmacology II On completion of the module, trainees should be able to apply the acquire knowledge of anatomy and physiology of the endocrine, musculoskeletal, nervous, renal and reproductive system and related pathophysiology diseases. The trainees are introduced to common cancers among the different genders, basics principles of nutrition and nutrition disorders. The principles and concepts in the used of pharmacology agents in the management of various disease conditions should enable trainees to integrate pathophysiology and pharmacology in their nursing practice.	80
10	Mental Health & Wellness On completion of the module, trainees should be able to display fundamental knowledge of mental health and wellness in their care of patient with mental health conditions. The trainees should be able to explore the acquired knowledge of mental health assessment, the legal and ethics issues involve in mental health nursing, the disease process, treatment modalities, nursing care, health education and their roles as a nurse.	80
11	Applied Clinical Science II On completion of the module, trainees will be equipped with knowledge of common disease process, medical management and nursing care of patients with endocrine, digestive, musculoskeletal, urinary, hepatobiliary, special senses, immunological, hematologic and reproductive disorders. Trainees should be able to identify nursing problems, integrate the concepts of clinical reasoning, critical thinking and clinical decision to formulate nursing care plans using the nursing process framework. This module also equips trainee with knowledge and skills to care for neonate/infant.	120



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12	Critical Thinking & Evidence-Based Practice On completion of the module, trainees should be able to incorporate the best and latest evidence practice through a process of research on relevant evidence in practice, formulate evidence questions, appraising, applying and evaluating results. The process strengthens the trainees the ability to think critically, apply problem-solving and decision-making skills from the evidence collected from their nursing practices.	60
13	Law & Ethics in Healthcare On completion of the module, trainees should be able to apply the concepts of professionalism in delivery of nursing care; the medico-legal-ethical frameworks and considerations in the perspectives relevant to nursing practice.	40
14	Technology in Healthcare On completion of the module, trainees should be able to equip with the knowledge, skills and attitudes to technology used to improve the quality, accessibility and efficiency of healthcare services. The module covers basic concepts and principles of technology in nursing practice such as telehealth, artificial intelligence, robotics, wearable devices, digital health platforms, its benefits, challenges and the impacts of nursing informatics and technology to aid in the delivery care to the patients. Trainees should be able to examine the ethical and legal implications of technology in the course of their nursing practice.	40
15	Nursing Practice & Simulation II On completion of the module, trainees should be able to practise nursing care of patients who required basic needs including activities of daily living with endocrine, digestive, musculoskeletal, urinary, hepatobiliary, special senses, immunological, hematologic, and reproductive disorders. Through simulation of work situations, trainees will be able to apply the nursing process framework to problem-solved nursing problems identified and make appropriate clinical decisions. This module also equips trainees with knowledge and skills to care for neonate/infant.	40
16	Palliative Care On completion of the module, trainees should be able to apply the philosophy and principles of palliative care. Equipped with the knowledge and skills in pain management, symptoms management, cultural & spiritual considerations, loss, grief and bereavement, the trainees would be able to carry out their role as a nurse in palliative care settings. The trainees should be able to integrate ethical consideration and apply effective communication when handling end of life care.	60
17	Sustainability & Workplace Safety in Healthcare On completion of the module, trainees should be able to relate principles of sustainability and explore the various sustainability approaches in the workplace as they meet the health needs of the patients. This includes the principles of safety and quality improvement in nursing practice and adhering the occupational health and safety practices under Workplace Safety and Health (WSH) Act in the course of their nursing practice.	40
18	Applied Clinical Science III On completion of the module, trainees will be equipped with knowledge and skills of common disease process, medical management and nursing care of patients with	100



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	nervous system disorders. The module will cover the theoretical and practical aspects of providing quality care to patients with complex and life-threatening conditions in specialised discipline such as emergency, critical care and operating theatre nursing. Trainees should be able to identify nursing problems, integrate the concepts of clinical reasoning, critical thinking and clinical decision to formulate nursing care plans using the nursing process framework.	
19	Nursing Management, Leadership & Preceptorship On completion of the module, trainees should be able to apply the concepts and principles of nursing management, such as planning, organising, and staffing. The module will explore the roles and responsibilities of nurse leaders, such as visioning, motivating, and empowering. Trainees will be able to practice their preceptorship skills such as assessing, facilitating, evaluating and supporting the learning needs of junior nurses. The application of effective communication, delegation, and strategic utilisation of resources would prepare trainee to take on higher role in their nursing practice.	60
20	Mother & Child On completion of the module, trainees should be equipped with knowledge and skills of the diseases processes in obstetrics and gynaecological and paediatric settings. Trainees should be able to apply the nursing process framework in the management of patient care.	40
21	Nursing Practice & Simulation III On completion of the module, trainees should be able to practise nursing care of patients who required basic needs including activities of daily living in specialised discipline such as emergency, critical care and operating theatre nursing. The module will cover the theoretical and practical aspects of providing quality care to patients with complex and life-threatening conditions. Through simulation of work situations, trainees will be able to apply the nursing process framework to problem-solved nursing problems identified and make appropriate clinical decisions.	40
22	Company Project On completion of the module, trainees should be able to apply the acquired course competencies in an authentic project that would value-add to the company.	80
23	Workplace Clinical Practice I On completion of the module, trainees should be able to integrate theory into practice in delivering of safe care to meet the fundamental needs of the patients including activities of daily living. Trainees should be able to apply nursing process framework to formulate nursing care plan while integrating critical thinking skills.	320
24	Workplace Clinical Practice II On completion of the module, trainees should be able to integrate theory and practice in delivering safe and competent care for patient with altered health status and complex clinical situations. Trainees should also be able to apply nursing process framework to formulate nursing care plan while integrating critical thinking skills.	320
25	Workplace Clinical Practice III On completion of the module, trainees should be able to provide relevant nursing care in specialize discipline such as paediatrics, obstetrics and gynaecology and	240



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	mental health. Trainees would have opportunities to integrate the knowledge and skills throughout the programme as they progress to Pre-Registration Clinical Practice (PRCP) training.	
26	Pre-Registration Clinical Practice (PRCP) On completion of the module, trainees should be able to provide nursing care to patients with diseases across a lifespan in various healthcare settings. This module would enable trainees an opportunity to consolidate and refine their knowledge into their practice gained throughout the programme.	400
27	On-the-Job Training On completion of the module, trainees should be able to apply the skills and knowledge acquired at ITE College and workplace to take on the full job scope, including supervisory function where appropriate, at the company.	1820