

**ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY
INCLUDING GERIATRIC NURSING AND PALLIATIVE CARE MODULE**

PLACEMENT: IV SEMESTER

THEORY: 7 Credits (140 hours)

PRACTICUM: Lab/Skill Lab (SL): 1 Credit (40 hours) Clinical: 6 Credits (480 hours)

DESCRIPTION: This course is designed to equip the students to review and apply their knowledge of Anatomy, Physiology, Biochemistry and Behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach. It also intends to develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/palliative and rehabilitative care to adult patients with various Medical Surgical disorders.

COMPETENCIES: On completion of the course the students will apply nursing process and critical thinking in delivering holistic nursing care with selected Medical and Surgical conditions.

At the completion of Adult Health Nursing II course, students will

1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.
2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.
3. Identify diagnoses, list them according to priority and formulate nursing care plan.
4. Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
5. Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
9. Identify the drugs used in treating patients with selected medical surgical conditions.
10. Plan and provide relevant individual and group education on significant medical surgical topics.
11. Maintain safe environment for patients and the health care personnel in the hospital.

COURSE OUTLINE

T–Theory, L/SL –Lab/Skill Lab

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	12(T) 4(SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing management of patients with ENT disorders	<p>Nursing management of patient with disorders of Ear, Nose and Throat (Includes etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing management)</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the ear, nose and throat • History, physical assessment, and diagnostic tests • Ear <ul style="list-style-type: none"> o External ear: deformities otalgia, foreign bodies and tumors o Middle ear: impacted wax, tympanic, membrane perforation, otitis media, and tumors o Inner ear: Meniere's disease, labyrinthitis, ototoxicity tumors • Upper respiratory airway infections: Rhinitis, sinusitis, tonsillitis, laryngitis • Epistaxis, Nasal obstruction, laryngeal obstruction • Deafness and its management 	<p>Lecture and discussion</p> <p>Demonstration of hearing aids, nasal packing, medication administration</p> <p>Visit to audiologist and speech clinic</p>	<ul style="list-style-type: none"> • MCQ • Short answer • Essay • OSCE • Assessment of skill (using checklist) • Quiz • Drugbook
II	12 (T) 4 (SL)	Explain the etiology, pathophysiology,	Nursing management of patient with disorder of eye	Lecture and discussion	<ul style="list-style-type: none"> • MCQ • Short Essay

		<p>clinical manifestations, diagnostic measures and management of patients with disorders of eye</p> <p>Describe eye donation, banking and transplantation</p>	<ul style="list-style-type: none"> • Review of anatomy and physiology of the eye • History, physical assessment, diagnostic assessment <p>Eye Disorders</p> <ul style="list-style-type: none"> • Refractive errors • Eyelids: infection, deformities • Conjunctiva: inflammation and infection bleeding • Cornea: inflammation and infection • Lens: cataract • Glaucoma • Retinal detachment • Blindness • Eye donation, banking and transplantation 	<p>Demonstration of visual aids, lens, medication administration</p> <p>Visit to eye bank</p>	<ul style="list-style-type: none"> • OSCE • Drugbook
III	15 (T) 4 (L/SL)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Kidney and urinary system disorders</p> <p>Demonstrate skill in genitourinary assessment</p> <p>Prepare patient for genitourinary investigations</p> <p>Prepare and</p>	<p>Nursing management of patient with Kidney and Urinary problems</p> <ul style="list-style-type: none"> • Review of Anatomy and physiology of the genitourinary system • History, physical assessment, diagnostic tests • Urinary tract infections: acute, chronic, lower, upper • Nephritis, nephrotic syndrome • Renal calculi • Acute and chronic renal failure • Disorders of ureter, urinary bladder and Urethra • Disorders of prostate: inflammation, infection, stricture, obstruction, and Benign Prostate Hypertrophy 	<ul style="list-style-type: none"> • Lecture cum Discussion • Demonstration • Case Discussion • Health education • Drug book • Field visit – Visits hemodialysis unit 	<ul style="list-style-type: none"> • MCQ • ShortNote • Longessay • Casereport • Submits healthteaching on prevention of urinary calculi

		provide health education on prevention of renal calculi			
IV	6 (T)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of male reproductive disorders	Nursing management of disorders of male reproductive system <ul style="list-style-type: none"> • Review of Anatomy and physiology of the male reproductive system • History, Physical Assessment, Diagnostic tests • Infections of testis, penis and adjacent structures: Phimosis, Epididymitis, and Orchitis • Sexual dysfunction, infertility, contraception • Male Breast Disorders: gynecomastia, tumor, climacteric changes 	Lecture, Discussion Case Discussion Health education	• Shortessay
V	10 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, types, diagnostic measures and management of patients with disorders of burns/cosmetic surgeries and its significance	Nursing management of patient with burns, reconstructive and cosmetic surgery <ul style="list-style-type: none"> • Review of anatomy and physiology of the skin and connective tissues • History, physical assessment, assessment of burns and fluid & electrolyte loss • Burns • Reconstructive and cosmetic surgery for burns, congenital deformities, injuries and cosmetic purposes, gender reassignment • Legal and ethical aspects • Special therapies: LAD, vacuumed dressing. Laser, liposuction, skin health rejuvenation, use of derma filters 	Lecture and discussion Demonstration of burn wound assessment, vacuum dressing and fluid calculations Visit to burn rehabilitation centers	• OSCE • Shortnotes

VI	16 (T) 4 (L/SL)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with neurological disorders</p>	<p>Nursing management of patient with neurological disorders</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the neurological system • History, physical and neurological assessment, diagnostic tests • Headache, Head injuries • Spinal injuries: Paraplegia, Hemiplegia, Quadriplegia • Spinal cord compression: herniation of in vertebral disc • Intra cranial and cerebral aneurysms • Meningitis, encephalitis, brain, abscess, neuro-cysticercosis • Movement disorders: Chorea, Seizures & Epilepsies • Cerebrovascular disorders: CVA • Cranial, spinal neuropathies: Bell's palsy, trigeminal neuralgia • Peripheral Neuropathies • Degenerative diseases: Alzheimer's disease, Parkinson's disease • Guillain-Barré syndrome, Myasthenia gravis & Multiple sclerosis • Rehabilitation of patient with neurological deficit 	<p>Lecture and discussion</p> <p>Demonstration of physiotherapy, neuro assessment, tracheostomy care</p> <p>Visit to rehabilitation center, long term care clinics, EEG, NCV study unit,</p>	<ul style="list-style-type: none"> • OSCE • Shortnotes • Essay • Drugbook
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VII	12 (T) 4 (L/SL)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of immunological disorders</p> <p>Prepare and provides health education on prevention of HIV infection and rehabilitation</p> <p>Describe the national infection control programs</p>	<p>Nursing management of patients with Immunological problems</p> <ul style="list-style-type: none"> • Review of Immune system • Nursing Assessment: History and Physical assessment • HIV & AIDS: Epidemiology, Transmission, Prevention of Transmission and management of HIV/AIDS • Role of Nurse; Counseling, Health education and home care consideration and rehabilitation • National AIDS Control Program – NACO, various national and international agencies for infection control 	<p>Lecture, discussion</p> <p>Case Discussion/ seminar</p> <p>Refer Module on HIV/AIDS</p>	
VIII	12 (T) 4 (L/SL)	<p>Explain the etiology, pathophysiology, types, clinical manifestations, staging, diagnostic measures and management of patients with different cancer, treatment modalities including newer treatments</p>	<p>Nursing management of patient with Oncological conditions</p> <ul style="list-style-type: none"> • Structure and characteristics of normal and cancer cells • History, physically assessment, diagnostic tests • Prevention screening early detections warning sign of cancer • Epidemiology, etiology classification, Pathophysiology, staging clinical manifestations, diagnosis, treatment modalities and medical and surgical nursing management of Oncological condition • Common malignancies of various body system eye, ear, nose, larynx, breast, cervix, 	<ul style="list-style-type: none"> • Lecture and discussion • Demonstration of chemotherapy preparation and administration • Visit to BMT, radiotherapy units (linear accelerator, brachytherapy, etc.), nuclear medicine unit 	<ul style="list-style-type: none"> • OSCE • Essay • Quiz • Drugbook • Counseling, health teaching

			<p>ovary, uterus, sarcoma, renal, bladder, kidney, prostate Brain, Spinal cord.</p> <ul style="list-style-type: none"> • Oncological emergencies • Modalities of treatment: Chemotherapy, Radiotherapy: Radiation safety, AERB regulations, Surgical intervention, Stem cell and bone marrow transplant, Immunotherapy, Gene therapy • Psychological aspects of cancer: anxiety, depression, insomnia, anger • Supportive care • Hospice care 	<p>Completion of palliative care module during clinical hours (20hours)</p>	
IX	15(T) 4(L/SL)	<p>Explain the types, policies, guidelines, prevention and management of disaster and the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with acute emergencies</p>	<p>Nursing management of patient in Emergency and Disaster situations</p> <p>Disaster Nursing</p> <ul style="list-style-type: none"> • Concept and principle of disaster nursing, Related Policies • Types of disaster: Natural and manmade • Disaster preparedness: Team, guidelines, protocols, equipment, resources • Etiology, classification, Pathophysiology, staging, clinical manifestation, diagnosis, treatment modalities and medical and surgical nursing management of patient with medical and surgical emergencies – Polytrauma, Bites, Poisoning 	<p>Lecture and discussion</p> <p>Demonstration of disaster preparedness (Mock drill) and triaging</p> <p>Field visit to local disaster management centers or demo by fire extinguishers</p> <p>Group presentation (role play, skit, concept mapping) on different emergency care</p> <p>Refer Trauma care management/ ATCN module</p> <p>Guided reading on National Disaster Management Authority (NDMA) guidelines</p>	<ul style="list-style-type: none"> • OSCE • Case presentation and case study

			<p>andThermalemergenci es</p> <ul style="list-style-type: none"> • Principlesofemergencym anagement • Medicolegalaspects 		
X	10(T)	<p>Explain the Concept,physiological changes,and psychosocialproblemsof ageing</p> <p>Describe the nursingmanagement of theelderly</p>	<p>Nursingcareoftheelderly</p> <ul style="list-style-type: none"> • Historyandphysicalassessment • Aging process and age-related bodychangesandpsychosocialaspects • Stressandcopinginelderpatient • Psychosocialandsexualab useofelderly • Role of family and formal and non-formalcaregivers • Useofaidsandprosthesis(he aringaids,dentures) • Legalandethicalissues • National programs for elderly,privileges,communit yprogramsandhealthservices • Homeandinstitutionalcare 	<ul style="list-style-type: none"> • Lecture anddiscu ssion • Demonstration ofcommunicatio n withvisual and hearingimpaired • Fieldvisittoolda gehomes 	<ul style="list-style-type: none"> • OSCE • Case presentatio ns • Assignmen ton familysyst ems ofIndia focusingon geriatricpo pulation
XI	15(T) 8(L/SL)	<p>Explain the etiology,pathoph ysiology,clinical manifestations,di agnostic measuresand management ofpatients in critical careunits</p>	<p>Nursingmanagementofpati entsincriticalCareunits</p> <ul style="list-style-type: none"> • Principlesofcriticalcarenursing • Organization:physicalset- up,policies,staffingnorms • Protocols,equipmentandsuppli es • Use and application of critical carebiomedical equipment: ventilators,cardiac monitors, defibrillators,infusion pump, Resuscitationequipmentan d anyother • AdvancedCardiacLifesupport • Nursingmanagementofcritic allyillpatient • Transitionalcare 	<ul style="list-style-type: none"> • Lecture anddiscu ssion • Demonstration onthe use ofmechanicalv entilators, cardiacmonito rsetc. • Clinicalpracticei n differentICUs 	<ul style="list-style-type: none"> • Objectivitype • Shortnotes • Case presentatio ns Assess ment ofskill onmoni toringof patients inICU. • Writtenassi gnment onethical andlegal issues incriticalca re

			<ul style="list-style-type: none"> • Ethical and Legal Aspects • Breaking Bad News to Patients and/or their families: Communication with patient and family • End of life care 		
XII	5(T)	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with occupational/industrial health disorders	Nursing management of patients occupational and industrial disorders <ul style="list-style-type: none"> • History, physical examination, Diagnostic tests • Occupational disease and management 	<ul style="list-style-type: none"> • Lecture and discussion • Industrial visit 	<ul style="list-style-type: none"> • Assignment on industrial health hazards

DISTRIBUTION OF TEACHING HOURS

STRATEGY		Teaching hours	
Didactic	Lectures		140
Non didactic	Clinical/Field practice	424	480
	Tutorials	10	
	Integrated Teaching Program/MPBL	06	
	Palliative care module	40	
	Skill lab	40(1credit)	40
Total			660Hrs.

TOPICS & OUTCOMES

Subject	Number of Themes	Number of outcomes
ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY INCLUDING GERIATRIC NURSING AND PALLIATIVE CARE MODULE	12	80

DISTRIBUTION OF THEORY HOURS

S. N	Theme	Topics	Teaching hrs.
1	Nursing management of patient with disorders of Ear, Nose and Throat	Nursing management of patient with disorders of Ear, Nose and Throat	12
2	Nursing management of patient with disorder of eye	Nursing management of patient with disorder of eye	12
3	Nursing management of patient with Kidney and Urinary problems	Nursing management of patient with Kidney and Urinary problems	15
4	Nursing management of disorders of male reproductive system	Nursing management of disorders of male reproductive system	6
5	Nursing management of patient with burns, reconstructive and cosmetic surgery	Nursing management of patient with burns, reconstructive and cosmetic surgery	10
6	Nursing management of patient with neurological disorders	Nursing management of patient with neurological disorders	16
7	Nursing management of patients with Immunological problems	Nursing management of patients with Immunological problems	12
8	Nursing management of patient with Oncological conditions	Nursing management of patient with Oncological conditions	12
9	Nursing management of patient in Emergency and Disaster situations	Nursing management of patient in Emergency and Disaster situations	15
10	Nursing care of the elderly	Nursing care of the elderly	10
11	Nursing management of patients in critical Care units	Nursing management of patients in critical Care units	15
12	Nursing management of patients occupational and industrial disorders	Nursing management of patients occupational and industrial disorders	5
TOTAL			140 Hours

**ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY INCLUDING GERIATRIC NURSING AND PALLIATIVE CARE
MODULE**

Theme and total hours allotted	Objectives	Topic	Code No	Competency	core competency			
					Must Know (60%)	Desirable to Know (30%)	Nice to Know (10%)	
UNIT : I Nursing management of patient with disorders of Ear, Nose and Throat (T)12hrs	At the end o unit students are able to: Knowledge: Describe the etiology, pathopyhsiology , clinical manifestations, diagnostic measures and management of patients with disorders of Ear, Nose and throat. Skill: Identify the clients with diseases of ear, nose and throat and render need based care to them. Attitude: Takes initiative to prevent complications and disabilities related to diseases of ear, nose and throat.	Nursing management of patient with disorders of Ear, Nose and Throat	N-AHN (II) 225: IV SEM1.1	Describe anatomy and physiology of ear, nose and throat.	Review of anatomy and physiology of the ear, nose and throat			1 hour
			N-AHN (II) 225: IV SEM1.2	Describe history, physical assessment and diagnostic tests of ENT.	History, physical assessment, and diagnostic tests			1hour
			N-AHN (II) 225: IV SEM1.3	Explain external ear disorders and middle ear disorders	External ear: deformities otalgia, foreign bodies and tumors Middle ear: impacted wax, tympanic, membrane perforation, otitis media, and tumors			2hours
			N-AHN (II) 225: IV SEM1.4	Explain internal ear disorders and upper respiratory infections	Inner ear: Meniere’s disease, labyrinthitis, ototoxicity tumors. Upper respiratory airway infections: Rhinitis, sinusitis, tonsillitis, laryngitis			3hours
			N-AHN (II) 225:	Explain the upper respiratory airway disorder.		Epistaxis, Nasal obstruction, laryngeal obstruction		4hours

			IV SEM1.5					
			N-AHN (II) 225: IV SEM1.6	Describe deafness and its management.			Deafness and its management	1 hour
UNIT : II Nursing management of patient with disorders of Eye:	At the end o unit students are able to: Knowledge: Describe the etiology, pathopyhsiology , clinical manifestations, diagnostic measures and management of patients with disorders of eye. Skill: Identify the eye disorders among clients and take appropriate measures to treat them promptly. Attitude: Participate in the programmes for prevention of blindness and educate people about care of eye.	Nursing management of patient with disorders of Eye:	N-AHN (II) 225: IV SEM2.1	Explain anatomy and physiology of eye.	Review of anatomy and physiology of the eye			1 hour
			N-AHN (II) 225: IV SEM2.2	Explain history, physical assessment, and diagnostic assessment of eye.	History, physical assessment, diagnostic assessment		2 hours	
			N-AHN (II) 225: IV SEM2.3	Explain refractive errors, eyelids and conjunctival disorders.	Refractive errors Eyelids: infection, deformities Conjunctiva: inflammation and infection bleeding		2hours	
			N-AHN (II) 225: IV SEM2.4	Explain disorders of cornea and lens.	Cornea: inflammation and infection Lens: cataract Glaucoma Retinal detachment		2hours	
			N-AHN (II) 225: IV SEM2.5	Explain the eye donation.		Eye donation		2hours
			N-AHN (II) 225: IV SEM2.6	Explain the eye banking and transplantation.		Eye banking and transplantation.		2hours
			N-AHN (II) 225: IV SEM2.7	Explain Blindness and its management.			Blindness	1hour

UNIT : III Nursing management of patient with Kidney and Urinary problems	At the end of unit students are able to Knowledge: Understand and describe the signs and symptoms of client with genito urinary tract disorders and plan need based nursing care. Skill: Acquire proficiency in planning and providing comprehensive care to the client with genito urinary disorders. Attitude: Appreciate the psychological feelings of the client and relatives.	Nursing management of patient with Kidney and Urinary problems	N-AHN (II) 225: IV SEM 3.1	Describe the history, physical assessment and diagnostic tests of urinary problems.	History, physical assessment, diagnostic tests			1hour
			N-AHN (II) 225: IV SEM 3.2	Describe the urinary tract infections.	Urinary tract infections: acute, chronic, lower, upper Renal calculi			2hours
			N-AHN (II) 225: IV SEM 3.3	Describe the acute and chronic	Acute and chronic renal failure			2hours
			N-AHN (II) 225: IV SEM 3.4	Describe the disorders of ureter, urinary bladder and urethra.	Disorders of ureter, urinary bladder and Urethra			2hours
			N-AHN (II) 225: IV SEM 3.5	Describe the disorders of prostate	Disorders of prostate: inflammation, infection, obstruction, and Benign Prostate Hypertrophy			2hours
			N-AHN (II) 225: IV SEM 3.6	Explain the review of anatomy and physiology of the genitourinary system.		Review of Anatomy and physiology of the genitourinary system.		2hours
			N-AHN (II) 225: IV SEM 3.7	Explain the nephritis and stricture.		Nephritis and stricture.		2hours
			N-AHN (II) 225: IV SEM 3.8	Describe the nephrotic syndrome.			Nephrotic syndrome.	2 hour

UNIT : IV Nursing management of disorders of male reproductive system	At the end of unit the students are able to Knowledge: Understand and explain the pathophysiology, signs and symptoms and medical and nursing management of patient with reproductive system. Skill: Assess the client and plan and implement the nursing care. Attitude: Understanding the feeling of the patients with congenital anomalies and sexual dysfunction.	Nursing management of disorders of male reproductive system	N-AHN (II) 225: IV SEM 4.1	Explain the history, physical assessment, diagnostic test.	History, Physical Assessment, Diagnostic test			1hour
			N-AHN (II) 225: IV SEM 4.2	Describe the infections of testis, penis and adjacent structures, phimosis , epididymitis.	Infections of testis, penis and adjacent structures: Phimosis, Epididymitis,			1hour
			N-AHN (II) 225: IV SEM 4.3	Explain the infertility and contraception.	Infertility, contraception			1hour
			N-AHN (II) 225: IV SEM 4.4	Describe the review of Anatomy and physiology of the male reproductive system.		Review of Anatomy and physiology of the male reproductive system		1hour
			N-AHN (II) 225: IV SEM 4.5	Describe male breast disorder.		Male Breast Disorders: gynecomastia, tumor, climacteric changes		1hour
			N-AHN (II) 225: IV SEM 4.6	Explain the Orchitis and Sexual dysfunction.			Orchitis Sexual dysfunction,	1hour
UNIT : V Nursing Management of Patients with Burns, Reconstructive and Cosmetic Surgery:	At the end o unit students are able to: Knowledge: Describe the pathopyhsiology , clinical manifestations, diagnostic measures and nursing management of patients with burns, reconstructive	Nursing Management of Patients with Burns, Reconstructive and Cosmetic Surgery:	N-AHN (II) 225: IV SEM 5.1	Describe the review of anatomy and physiology of the skin and connective tissues	Review of anatomy and physiology of the skin and connective tissues			1hour
			N-AHN (II) 225: IV SEM 5.2	Describe the history, physical assessment, assessment of burns and fluid & electrolyte loss.	History, physical assessment, assessment of burns and fluid & electrolyte loss			1hour
			N-AHN (II) 225: IV SEM 5.3	Describe the burn.	Burns			2hours

	and cosmetic surgery. Skill: Calculate the degree of burns and render aseptic nursing care to the clients in acute phase and restorative care in recovery phase. Attitude: prevent contractures and other disabilities in clients with burns.		N-AHN (II) 225: IV SEM 5.4	Describe the reconstructive and cosmetic surgery for burns and cosmetic purposes, gender reassign of burn .	Reconstructive and cosmetic surgery for burns and cosmetic purposes, gender reassign.			2hours
			N-AHN (II) 225: IV SEM 5.5	Explain the special therapies of burn.		Special therapies: LAD, vacuumed dressing. Laser, liposuction, skin health rejuvenation, use of derma filters.		3hours
			N-AHN (II) 225: IV SEM 5.6	Describe the legal and ethical aspects.			Legal and ethical aspects	½ hour
			N-AHN (II) 225: IV SEM 5.7	Explain the congenital deformities, injuries of burn.			congenital deformities, injuries	½ hour
UNIT : VI	At the end of unit student are able to:	Nursing management of patient with Neurological Disorders:	N-AHN (II) 225: IV SEM 6.1	Explain the review of anatomy and physiology of the neurological system.	Review of anatomy and physiology of the neurological system			1hour
Nursing management of patient with Neurological Disorders:	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with neurological disorders.		N-AHN (II) 225: IV SEM 6.2	Describe the history, physical and neurological assessment, and diagnostic tests.	History, physical and neurological assessment, diagnostic tests.			1 hour
			N-AHN (II) 225: IV SEM 6.3	Explain the headache and head injuries.	Headache, Head injuries			1hour
	Skill: Recognize clients with neurological disorders and render prompt comprehensive		N-AHN (II) 225: IV SEM 6.4	Explain the spinal injuries and spinal cord compression.	Spinal injuries: Paraplegia, Hemiplegia, Quadriplegia Spinal cord compression: herniation of in vertebral disc			1hour

	care to clients in all clinical settings and rehabilitation homes. Attitude : participate in health awareness campaigns e.g. road safety to prevent accidents and head injury and spinal cord injuries.		N-AHN (II) 225: IV SEM 6.5	Describe the meningitis, encephalitis, brain abscess and neuro-cysticercosis	Meningitis, encephalitis, brain, abscess, neuro-cysticercosis.			1 hour
			N-AHN (II) 225: IV SEM 6.6	Explain movement disorders and cerebrovascular disorders.	Movement disorders: Chorea, Seizures & Epilepsies Cerebrovascular disorders: CVA			1hour
			N-AHN (II) 225: IV SEM 6.7	Explain guillain barre syndrome, myasthenia gravis and multiple sclerosis.	Guillain-Barré syndrome, Myasthenia gravis & Multiple sclerosis			2hours
			N-AHN (II) 225: IV SEM 6.8	Describe the degenerative disease.	Degenerative diseases: Alzheimer's disease, Parkinson's disease			2hours
			N-AHN (II) 225: IV SEM 6.9	Explain the cranial and spinal neuropathies.		Cranial, spinal neuropathies: Bell's palsy, trigeminal neuralgia		2hours
			N-AHN (II) 225: IV SEM 6.10	Describe the peripheral neuropathies.		Peripheral Neuropathies		1hour
			N-AHN (II) 225: IV SEM 6.11	Describe the rehabilitation of patient with neurological deficit.		Rehabilitation of patient with neurological deficit		1 hour
			N-AHN (II) 225: IV SEM 6.12	Explain the intra cranial and cerebral aneurysms			Intra cranial and cerebral aneurysms	2hours
UNIT : VII Nursing	At the end of the unit students are able to Knowledge:Desc	Nursing management of patients	N-AHN (II) 225: IV SEM	Explain the HIV and AIDS.	HIV & AIDS: Epidemiology, Transmission, Prevention of			4hours

management of patients with Immunological problems	<p>Describe the etiology, pathophysiology, clinical manifestations diagnostic measures and management of patients (adults including elderly) with disorders of immunological systems.</p> <p>Skill: Identify the patients with immunological disorders and render effective care to immunologically compromised patients.</p> <p>Attitude: Be sensitive to the</p>	with Immunological problems	7.1		Transmission and management of HIV/AIDS			
			N-AHN (II) 225: IV SEM 7.2	Describe the role of nurse in HIV and AIDS.	Role of Nurse; Counseling, Health education and home care consideration and rehabilitation			3hours
			N-AHN (II) 225: IV SEM 7.3	Explain the review of immune system.		Review of Immune system		2hours
			N-AHN (II) 225: IV SEM 7.4	Explain the nursing assessment history and physical assessment.		Nursing Assessment: History and Physical assessment		2hours
			N-AHN (II) 225: IV SEM 7.5	Explain national AIDS Control Program.			National AIDS Control Program – NACO, various national and international agencies for infection control	1hour
UNIT : VIII Nursing management of Patients with Oncological Conditions:	<p>At the end of unit students are able to:</p> <p>Knowledge: Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and</p>	Nursing management of Patients with Oncological Conditions:	N-AHN (II) 225: IV SEM 8.1	Explain the structure and characteristics of normal cancer cells.	Structure & characteristics of normal cancer cells.			1hour
			N-AHN (II) 225: IV SEM 8.2	Explain the history, physical assessment, diagnostic tests and prevention screening early detections warning sign of cancer.	History, physical assessment, diagnostic tests Prevention screening early detections warning sign of cancer			1hour

<p>nursing management of patients with cancer. Skill:Identify and intervene cancer in early stages and provide comprehensive care to the clients suffering from cancer. Attitude: Create awareness about early detection and treatment of various cancers among masses. Educate people about healthy habits and life styles.</p>	N-AHN (II) 225: IV SEM 8.3	Explain the collaborative management of ontological condition.	Epidemiology, etiology classification, Pathophysiology, staging clinical manifestations, diagnosis, treatment modalities and medical and surgical nursing management of Oncological condition.			1hour
	N-AHN (II) 225: IV SEM 8.4	Explain the collaborative management of common malignancies of various body systems.	Common malignancies of various body system eye, ear, nose, larynx, breast, cervix, ovary, uterus, sarcoma, renal, bladder, kidney, prostate Brain, Spinal cord.			2hours
	N-AHN (II) 225: IV SEM 8.5	Explain immunotherapy, chemotherapy and radiotherapy.	Modalities of treatment: Chemotherapy, Radiotherapy: Radiation safety, AERB regulations,			1 hour
	N-AHN (II) 225: IV SEM 8.6	Describe the Surgical intervention, Stem cell and bone marrow transplant, Immunotherapy, Gene therapy	Surgical intervention, Stem cell and bone marrow transplant, Immunotherapy, Gene therapy			1 hour
	N-AHN (II) 225: IV SEM 8.7	Describe the psychological aspects of cancer.		Psychological aspects of cancer: anxiety, depression, insomnia, anger		2hours
	N-AHN (II)	Describe the oncological emergencies.		Oncological emergencies.		2hours

						equipment, resources		
			N-AHN (II) 225: IV SEM 9.6	Explain the medico legal aspect of disaster management.			Medico legal aspects	1hour
UNIT : X Nursing Care of the Elderly:	At the end o unit students are able to: Knowledge: Explain the concept and problems of aging. Skill: Identify the problems of elderly and intervene promptly to prevent deterioration and discomfort. Attitude: Volunteer to serve the elderly.	Nursing Care of the Elderly:	N-AHN (II) 225: IV SEM 10.1	Explain the history and physical assessment and aging process and age-related body changes and psychosocial aspects.	History and physical assessment Aging process and age-related body changes and psychosocial aspects			2hours
			N-AHN (II) 225: IV SEM 10.2	Explain the stress and coping in elder patient and psychosocial and sexual abuse of elderly.	Stress and coping in elder patient Psychosocial and sexual abuse of elderly			2hours
			N-AHN (II) 225: IV SEM 10.3	Describe the role of family and formal and non- formal caregivers.	Role of family and formal and non-formal caregivers			2hours
			N-AHN (II) 225: IV SEM 10.4	Explain the legal and ethical issues and national programs for elderly, privileges, community programs and health services.		Legal and ethical issues. National programs for elderly, privileges, community programs and health services		2hours
			N-AHN (II) 225: IV SEM 10.5	Explain the use of aids and prosthesis (hearing aids, dentures)		Use of aids and prosthesis (hearing aids, dentures)		1hour
			N-AHN (II) 225: IV SEM 10.6	Describe the home and institutional care.			Home and institutional care.	1hour

UNIT : XI Nursing Management of Patient in Critical care Unit:		Nursing Management of Patient in Critical care Unit:	N-AHN (II) 225: IV SEM 11.1	Describe the use and application of critical care biomedical equipments	Use and application of critical care biomedical equipment: ventilators, cardiac monitors, defibrillators, infusion pump, Resuscitation equipment and any other			3hours
			N-AHN (II) 225: IV SEM 11.2	Explain the advance cardiac life support.	Advanced Cardiac Life support			3hours
			N-AHN (II) 225: IV SEM 11.3	Describe the nursing management of critically ill patient and transitional care.	Nursing management of critically ill patient Transitional care			3hours
			N-AHN (II) 225: IV SEM 11.4	Explain the ethical and legal aspects of critical care unit.		Ethical and Legal Aspects		2hours
			N-AHN (II) 225: IV SEM 11.5	Describe the breaking Bad News to Patients and/or their families.		Breaking Bad News to Patients and/or their families: Communication with patient and family		3hours
			N-AHN (II) 225: IV SEM 11.6	Explain the end of life care.			End of life care	1hours
UNIT : XII Nursing management of patients Occupational and Industrial disorders:	At the end o unit students are able to: Knowledge: Describe etiology, pathophysiology , clinical	Nursing management of patients elderly Occupational and Industrial disorders:	N-AHN (II) 225: IV SEM 12.1	Explain the occupational diseases and management.	Occupational diseases and management			3hours
			N-AHN (II) 225:	Describe diagnostic tests.		Diagnostic tests		1hours

	<p>manifestations, assessment, diagnostic measures and management of patients with occupational and industrial health disorders.</p> <p>Skill: Identify various industrial disorders among employees of different vocations and render effective care to them.</p> <p>Attitude: Participate in safety awareness. .</p>		<p>IV SEM 12.2</p> <p>N-AHN (II) 225: IV SEM 12.3</p>	<p>Describe the history and physical examination.</p>			<p>History, physical examination,</p>	<p>1hour</p>
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CLINICAL PRACTICUM

CLINICAL PRACTICUM: 6 Credits (480 Hours) – 20 weeks × 24 hours

PRACTICE COMPETENCIES: On completion of the clinical practicum, the students will develop proficiency in applying nursing process and critical thinking in rendering holistic nursing care including rehabilitation to the adult/geriatric patients admitted in Critical Care Units, undergoing cosmetic and reconstructive surgery and with selected medical & surgical disorders of ear, nose, throat, eye, Genitourinary, reproductive, immunologic, nervous systems and in emergency/disaster conditions.

The students will be competent to

1. Utilize the nursing process in providing care to the sick adults in the hospital
 - a. Perform complete health assessment to establish a data base for providing quality patient care.
 - b. Integrate the knowledge of diagnostic tests in patient assignment.
 - c. Identify nursing diagnoses and list them according to priority.
 - d. Formulate nursing care plan, using problem solving approach.
 - e. Apply scientific principles while giving nursing care to patients.
 - f. Develop skill in performing nursing procedures applying scientific principle.
 - g. Establish/develop interpersonal relationship with patients and family members.
 - h. Evaluate the expected outcomes and modify the plan according to the patient needs.
2. Provide comfort and safety to adult patients in the hospital.
3. Maintain safe environment for patients during hospitalization.
4. Explain nursing actions appropriately to the patients and family members.
5. Ensure patient safety while providing nursing procedures.
6. Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
7. Provide pre, intra and post-operative care to patients undergoing surgery.
8. Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing selected medical and surgical disorders.
9. Integrate evidence-based information while giving nursing care to patients.
10. Demonstrate the awareness of legal and ethical issues in nursing practice.

I. Nursing Management of Patients with ENT Disorders

A. Skill Lab

Use of manikins and simulators

- Tracheostomy care
- Instilling Ear and Nasal medications
- Bandage application

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
ENT Ward and OPD	2	Provide care to patients with ENT disorders Educate the patients and their families	<ul style="list-style-type: none"> • Examination of ear, nose, throat and history taking • Applying bandages to Ear, Nose • Tracheostomy care • Preparation of patient, assisting and monitoring of patients undergoing diagnostic procedures <ul style="list-style-type: none"> ○ Auditory screening tests ○ Audiometric tests • Preparing the patient and assisting in special procedures like Anterior/posterior nasal packing, Ear Packing and Syringing • Preparation and after care of patients undergoing ENT surgical procedures • Instillation of drops/medication 	<ul style="list-style-type: none"> • ENT Assessment –1 • Case study/Clinical presentation –1 	<ul style="list-style-type: none"> • Clinical evaluation • OSCE • Case report study/ Clinical presentation

II. Nursing Management of Patients with Eye Conditions

A. Skill Lab

Use of manikins and simulators

- Instilling Eye medications
- Eye irrigation
- Eye bandage

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Ophthalmology unit	2	Develop skill in providing care to patients with Eye disorders Educate the patients and	<ul style="list-style-type: none"> • History taking, Examination of eyes and interpretation • Assisting procedures <ul style="list-style-type: none"> ○ Visual acuity ○ Fundoscopy, retinoscopy, ophthalmoscopy, tonometry, ○ Refraction tests ○ Pre and post-operative care ○ Instillation of drops/ medication 	<ul style="list-style-type: none"> • Eye assessment – 1 • Health teaching • Case study/ Clinical Presentation – 1 	<ul style="list-style-type: none"> • Clinical evaluation • OSCE • Clinical presentation

		their families	<ul style="list-style-type: none"> ○ Eye irrigation ○ Application of eye bandage ○ Assisting with foreign body removal 		
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III. Nursing Management of Patients with Kidney and Urinary System Disorders

A. Skill Lab

Use of manikins and simulators

- **Assessment: kidney & urinary system**
- **Preparation: dialysis**
- **Catheterization and care**

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Renal ward/ nephrology ward including Dialysis unit	2	Develop skill in Management of patients with urinary, male reproductive problems	Assessment of kidney and urinary system <ul style="list-style-type: none"> ○ History taking ○ Physical examination ○ Testicular self-examination ○ digital rectal exam Preparation and assisting with diagnostic and therapeutic procedures <ul style="list-style-type: none"> ○ Cystoscopy, Cystometrogram, ○ Contrast studies: IVP etc. ○ Peritoneal dialysis ○ Hemodialysis, ○ Lithotripsy ○ Specific tests: Semen analysis, gonorrhoea test, Renal/ Prostate Biopsy etc. Catheterization: care Bladder irrigation I/O recording and monitoring Ambulation and exercise	<ul style="list-style-type: none"> • Assessment – 1 • Drug presentation – 1 • Care study/ Clinical presentation – 1 • Preparing and assisting in hemodialysis 	<ul style="list-style-type: none"> • Clinical evaluation • Care plan • OSCE • Quiz • Drug presentation

IV. Nursing Management of Patients with Burns and Reconstructive Surgery

A. Skill Lab

Use of manikins and simulators

- **Assessment of burns wound**
- **Wound dressing**

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Burns unit/reconstructive surgical unit	2	Develop skill in burn assessment and providing care to patients with different types of burns Develop skill in providing care to patients with different types of cosmetic and reconstructive surgeries	<ul style="list-style-type: none"> Assessment of burns First aid of burns Fluid & electrolyte replacement therapy Skincare Care of Burn wounds <ul style="list-style-type: none"> Bathing Dressing Pre-operative and post-operative care of patients Care of skin graft and post cosmetic surgery Rehabilitation 	<ul style="list-style-type: none"> burn wound assessment-1 care study/case presentation-1 	<ul style="list-style-type: none"> Clinical evaluation, Care study/case report

V. Nursing Management of Patients with neurological disorders

A. Skill Lab

Use of manikins and simulators

- Range of motion exercises
- Muscle strengthening exercises
- Crutch walking

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Neurology-medical/ Surgery wards	3	Develop skill in Management of patients with Neurological problems	<ul style="list-style-type: none"> History taking; Neurological Examination Patient monitoring Prepare and assist for various invasive and non-invasive diagnostic procedures Range of motion exercises, muscle strengthening Care of medical, surgical and rehabilitative patients 	<ul style="list-style-type: none"> □ neuro-assessment-1 Case study/case presentation-1 Drug presentation-1 	<ul style="list-style-type: none"> Clinical evaluation Neuro assessment OSCE Case report/presentations

VI. Nursing Management of Patients with Immunological Disorders

A. Skill Lab

- Barrier Nursing
- Reverse Barrier Nursing

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
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Isolation ward/Medical ward	1	Develop skill in the Management of patients with immunological disorders	<ul style="list-style-type: none"> • History taking • Immunological status assessment (e.g. HIV) and Interpretation of specific tests • Caring of patients with low immunity • Practicing of standard safety measures, precautions/barrier nursing/reverse barrier/isolation skills 	<ul style="list-style-type: none"> • Assessment of immunostatus • Teaching of isolation to patient and family caregivers • Nutritional management • Care Note-1 	<ul style="list-style-type: none"> • Care note • Quiz • Health Teaching
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VII. Nursing Management of Patients with disorders of Oncological conditions

A. Skill Lab

Use of manikins and simulators

- Application of topical medication
- Administration of chemotherapy

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Oncology wards (including day care radiotherapy unit)	3	Develop skill in providing care to patients with oncological disorders	<ul style="list-style-type: none"> • History taking & physical examination of cancer patients • Screening for common cancers: TNM classification • Preparation, assisting and after care patients undergoing diagnostic procedures <ul style="list-style-type: none"> – Biopsies/FNAC – Papsmear – Bone-marrow aspiration • Various modalities of treatment <ul style="list-style-type: none"> – Chemotherapy – Radiotherapy – Pain management – Stomach therapy – Hormonal therapy – Immunotherapy – Gene therapy – Alternative therapy • Stomach care and feeding • Caring of patients treated with nuclear medicine • Rehabilitation 	<ul style="list-style-type: none"> • Assessment-1 • Care study/clinical presentation-1 • Pre and post-operative care of patient with various modes of cancer treatment • Teaching on BSE to family members • Visit to palliative care unit 	<ul style="list-style-type: none"> • Clinical evaluation • Care study • Quiz • Drug book

VIII. Nursing Management of Patients in emergency conditions

A. Skill Lab

Use of manikins and simulators

- **Assessment: primary and secondary survey**

- **Trauma care: bandaging, wound care, splinting, positions**

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Emergency room/ Emergency unit	2	Develop skill in providing care to patients with emergency health problems	<ul style="list-style-type: none"> • Practicing 'triage' • Primary and secondary survey in emergency • Examination, investigations & their interpretations, in emergency & disaster situations • Emergency care of medical and traumatic injury patients • Documentations, assisting in legal procedures in emergency unit • Managing crowd • Counseling the patient and family in dealing with grieving & bereavement 	<ul style="list-style-type: none"> • Triage • Immediate care • Use of emergency trolley 	<ul style="list-style-type: none"> • Clinical evaluation • Quiz

IX. Nursing Management of geriatric patients

A. Skill Lab

Use of manikins and simulators

- Use of assistive safety devices

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Geriatric ward	1	Develops skill in geriatric assessment and providing care to patients with geriatric illness	<ul style="list-style-type: none"> • History taking and assessment of Geriatric patient 	<ul style="list-style-type: none"> • Geriatric assessment – 1 • Care of normal and geriatric patient with illness • Fall risk assessment – 1 • Functional status assessment – 1 	<ul style="list-style-type: none"> • Clinical evaluation • Care plan

X. Nursing Management of Patients in critical care units

A. Skill Lab

Use of manikins and simulators

- Assessment critically ill
- ET tube setup – suction
- TT suction
- Ventilator setup

- Chest drainage
- Bag mask ventilation
- Central & Peripheral line

Pacemaker

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Critical Care Unit	2	Develop skill in assessment of critically ill and providing care to patients with critical health conditions	<ul style="list-style-type: none"> • Assessment of critically ill patients • Assisting in arterial puncture, ET tube intubation & extubation • ABG analysis & interpretation - respiratory acidosis, respiratory alkalosis, metabolic acidosis, metabolic alkalosis • Setting up of Ventilator modes and settings and care of patient on a ventilator • Setup of trolley with instruments • Monitoring and maintenance of Chest drainage system • Bag and mask ventilation • Assisting and maintenance of Central and peripheral lines invasive • Setting up of infusion pump, defibrillator, • Drug administration - infusion, intracardiac, intrathecal, epidural, • Monitoring pacemaker • ICU care bundle • Management of the dying patient in the ICU 	<ul style="list-style-type: none"> • Hemodynamic monitoring • Different scales used in ICU • Communicating with critically ill patients 	<ul style="list-style-type: none"> • Clinical evaluation • OSCE • RASS scale assessment • Use of VAE bundle VAP, CAUTI, BSI • Case Presentation

Distribution of Non didactic hours (480 + 40 = 520)

Practical: 480 Hrs

SR NO	Comp. no	Competency	Domain	T-L Method	Teaching Hrs
1.	N-AHN (II) 225: IV SEM1.2	Examine of ear, nose, throat and History taking	K,S,A	Small group discussion	6 hours
2.	N-AHN (II) 225: IV SEM1.2	Applying bandages to Ear, Nose	K,S	Small group discussion	6 hours
3.	N-AHN (II) 225: IV SEM1.2	Describe tracheostomy care	K,S,A	Small group discussion	6 hours
4.	N-AHN (II) 225: IV SEM1.2	Preparation of patient, assisting and monitoring of patients undergoing diagnostic procedures	K,S	Small group discussion	6 hours
5.	N-AHN (II) 225: IV SEM1.2	Explain the Auditory screening tests and Audiometric tests	K,S	Small group discussion	6 hours
6.	N-AHN (II) 225: IV SEM1.2	Preparing the patient and assisting in special procedures like Anterior/ posterior nasal packing, Ear Packing and Syringing	K,S,A	Small group discussion	6 hours
7.	N-AHN (II) 225: IV SEM1.2	Preparation and after care of patients undergoing ENT surgical procedures	K,S	Small group discussion	6 hours
8.	N-AHN (II) 225: IV SEM1.2	Instillation of drops/medication	K,S	Small group discussion	6 hours
9.	N-AHN (II) 225: IV SEM2.2	<ul style="list-style-type: none"> • History taking, Examination of eyes and interpretation 	K,S	Small group discussion	10 hours

10.	N-AHN (II) 225: IV SEM2.2	<ul style="list-style-type: none"> • Assisting procedures <ul style="list-style-type: none"> ○ Visual acuity ○ Fundoscopy, retinoscopy, ophthalmoscopy, tonometry, Refraction tests 	K,S	Small group discussion	10 hours
11.	N-AHN (II) 225: IV SEM2.2	<ul style="list-style-type: none"> • Pre and post-operative care • Instillation of drops/ medication 	K,S	Small group discussion	10 hours
12.	N-AHN (II) 225: IV SEM2.2	<ul style="list-style-type: none"> • Eye irrigation • Application of eye bandage Assisting with foreign body removal 	K,S	Small group discussion	10 hours
13.	N-AHN (II) 225: IV SEM 3.1	<ul style="list-style-type: none"> • Assessment of kidney and urinary system <ul style="list-style-type: none"> ○ History taking ○ Physical examination ○ Testicular self-examination ○ digital rectal exam 	K,S	Small group discussion	10 hours
14.	N-AHN (II) 225: IV SEM 3.1	<ul style="list-style-type: none"> • Preparation and assisting with diagnostic and therapeutic procedures <ul style="list-style-type: none"> ○ Cystoscopy, Cystometrogram, ○ Contrast studies: IVP etc. ○ Peritoneal dialysis ○ Hemodialysis, ○ Lithotripsy ○ Specific tests: Semen analysis, gonorrhoea test, Renal/Prostate Biopsy etc. 	K,S	Small group discussion	10 hours
15.	N-AHN (II) 225: IV SEM 3.1	<ul style="list-style-type: none"> • Catheterization: care 	K,S	Small group discussion	10 hours
16.	N-AHN (II) 225: IV SEM 3.1	<ul style="list-style-type: none"> • Bladder irrigation 	K,S	Small group discussion	9 hours
17.	N-AHN (II) 225: IV SEM 3.1	<ul style="list-style-type: none"> • I/O recording and monitoring Ambulation and exercise 	K,S	Small group discussion	9 hours
18.	N-AHN (II) 225: IV SEM 5.2	<ul style="list-style-type: none"> • Assessment of burns 	K,S	Small group discussion	10 hours
19.	N-AHN (II) 225: IV SEM 5.2	<ul style="list-style-type: none"> • First aid of burns • Fluid & electrolyte replacement therapy 	K,S	Small group discussion	10 hours
20.	N-AHN (II) 225: IV SEM 5.2	<ul style="list-style-type: none"> • Skincare • Care of Burn wounds <ul style="list-style-type: none"> – Bathing – Dressing 	K,S	Small group discussion	10 hours
21.	N-AHN (II) 225: IV SEM 5.2	<ul style="list-style-type: none"> • Pre-operative and post-operative care of patients 	K,S	Small group discussion	9 hours
22.	N-AHN (II) 225: IV SEM 5.2	<ul style="list-style-type: none"> • Caring of skin graft and post cosmetic surgery • Rehabilitation 	K,S	Small group discussion	9 hours
23.	N-AHN (II) 225: IV SEM 6.2	<ul style="list-style-type: none"> • History taking; Neurological Examination 	K,S	Small group discussion	20 hours
24.	N-AHN (II) 225: IV SEM 6.2	<ul style="list-style-type: none"> • Patient monitoring • Prepare and assist for various 	K,S	Small group discussion	20 hours

		invasive and non-invasive diagnostic procedures			
25.	N-AHN (II) 225: IV SEM 6.2	<ul style="list-style-type: none"> • Range of motion exercises, muscle strengthening • Care of medical, surgical and rehabilitative patients 	K,S	Small group discussion	20 hours
26.	N-AHN (II) 225: IV SEM 7.4	<ul style="list-style-type: none"> • History taking • Immunological status assessment (e.g. HIV) and Interpretation of specific tests 	K,S	Small group discussion	8 hours
27.	N-AHN (II) 225: IV SEM 7.4	Caring of patients with low immunity	K,S	Small group discussion	8 hours
28.	N-AHN (II) 225: IV SEM 7.4	Practicing of standard safety measures, precautions/barrier nursing/reverse barrier/isolation skills	K,S	Small group discussion	8 hours
29.	N-AHN (II) 225: IV SEM 8.2	<ul style="list-style-type: none"> • History taking & physical examination of cancer patients 	K,S	Small group discussion	10 hours
30.	N-AHN (II) 225: IV SEM 8.2	<ul style="list-style-type: none"> • Screening for common cancers: TNM classification 	K,S	Small group discussion	10 hours
31.	N-AHN (II) 225: IV SEM 8.2	<ul style="list-style-type: none"> • Preparation, assisting and after care patients undergoing diagnostic procedures <ul style="list-style-type: none"> └ Biopsies/FNAC └ Pap smear └ Bone-marrow aspiration 	K,S	Small group discussion	11 hours
32.	N-AHN (II) 225: IV SEM 8.5	<ul style="list-style-type: none"> • Various modalities of treatment <ul style="list-style-type: none"> – Chemotherapy – Radiotherapy – Pain management – Stomach therapy – Hormonal therapy – Immunotherapy – Gene therapy – Alternative therapy 	K,S	Small group discussion	11 hours
33.	N-AHN (II) 225: IV SEM 8.6	Stomach care and feeding	K,S	Small group discussion	10 hours
34.	N-AHN (II) 225: IV SEM 8.3	<ul style="list-style-type: none"> • Caring of patients treated with nuclear medicine 	K,S	Small group discussion	10 hours
35.	N-AHN (II) 225: IV SEM 8.2	Rehabilitation	K,S	Small group discussion	10 hours
36.	N-AHN (II) 225: IV SEM 9.1	<ul style="list-style-type: none"> • Practicing 'triage' • Primary and secondary survey in emergency 	K,S	Small group discussion	4 hours
37.	N-AHN (II) 225: IV SEM 9.1	Examination, investigations & their interpretations, in emergency & disaster situations	K,S	Small group discussion	5 hours
38.	N-AHN (II) 225: IV SEM 9.1	<ul style="list-style-type: none"> • Emergency care of medical and traumatic injury patients 	K,S	Small group discussion	5 hours
39.	N-AHN (II) 225: IV SEM 9.1	<ul style="list-style-type: none"> • Documentations, assisting in legal procedures in emergency unit 	K,S	Small group discussion	5 hours
40.	N-AHN (II) 225: IV SEM 9.1	<ul style="list-style-type: none"> • Managing crowd • Counseling the patient and family in dealing with grieving & bereavement 	K,S	Small group discussion	5 hours
41.	N-AHN (II) 225:	History taking and assessment of	K,S	Small group	24 hours

	IV SEM 10.1	Geriatricpatient		discussion	
42.	N-AHN (II) 225: IV SEM 11.1	<ul style="list-style-type: none"> Assessmentofcriticallyillpatients Assisting in arterial puncture, ET tubeintubation&extubation 	K,S	Small group discussion	3 hours
43.	N-AHN (II) 225: IV SEM 11.3	ABG analysis & interpretation - respiratoryacidosis,respiratoryalkalosis,metabolicacidosis,metabolicsalkalosis	K,S	Small group discussion	3 hours
44.	N-AHN (II) 225: IV SEM 11.1	<ul style="list-style-type: none"> Setting up of Ventilator modes andsettingsandcareof patientonaventilator 	K,S	Small group discussion	3 hours
45.	N-AHN (II) 225: IV SEM 11.1	<ul style="list-style-type: none"> Setupoftrrolleywithinstruments MonitoringandmaintenanceofChestdrainagesystem 	K,S	Small group discussion	3 hours
46.	N-AHN (II) 225: IV SEM 11.3	<ul style="list-style-type: none"> Bagandmaskventilation AssistingandmaintenanceofCentralandperipherallines invasive 	K,S	Small group discussion	3 hours
47.	N-AHN (II) 225: IV SEM 11.2	<ul style="list-style-type: none"> Settingupofinfusionpump,defibrillator, Drugadministration-infusion,intracardic,intrathecal,epidural, 	K,S	Small group discussion	3 hours
48.	N-AHN (II) 225: IV SEM 11.3	<ul style="list-style-type: none"> Monitoringpacemaker ICUcarebundle 	K,S	Small group discussion	3 hours
49.	N-AHN (II) 225: IV SEM 11.6	ManagementofthedyingpatientintheICU	K,S	Small group discussion	3 hours
50.	N-AHN (II) 225: IV SEM 8.5	Palliative care module	K,S	Small group discussion	20 Hrs
		Total			480 hrs

Skill Lab (24 Hrs) Use of Mannequins and Simulators

Sr No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N-AHN (II) 225: IV SEM1	Tracheostomy care	K,S	Small group discussion and demonstration	2hour
2.	N-AHN (II) 225: IV SEM1	Instilling Ear and Nasal medications Bandage application	K,S,A	Small group discussion and demonstration	2hour
3.	N-AHN (II) 225: IV SEM2	Eye bandage	K,S	Small group discussion and demonstration	2hour
4.	N-AHN (II) 225: IV SEM 3	Assessment: kidney & urinary system	K,S	Small group discussion and demonstration	2hour
5.	N-AHN (II) 225: IV SEM 3	Preparation: dialysis	K,S	Small group discussion and demonstration	2hour
6.	N-AHN (II) 225: IV SEM 3	Catheterizationandcare	K,S	Small group discussion and demonstration	2hour
7.	N-AHN (II) 225: IV SEM 4	Assessment of burns wound	K,S	Small group discussion and demonstration	2hour
8.	N-AHN (II) 225: IV SEM 4	Wound dressing	K,S	Small group discussion and demonstration	2hour
9.	N-AHN (II) 225: IV SEM 5	Range of motion exercises	K,S,A	Small group discussion and demonstration	2hour
10.	N-AHN (II) 225: IV SEM 5	Muscle strengthening exercises	K,S	Small group discussion and demonstration	2hour
11.	N-AHN (II) 225: IV SEM 5	Crutchwalking	K,S	Small group discussion and demonstration	2hour
12.	N-AHN (II) 225: IV SEM 6	Barrier Nursing	K,S	Small group discussion and demonstration	2hour

13.	N-AHN (II) 225: IV SEM 6	Reverse Barrier Nursing	K,S	Small group discussion and demonstration	2hour
14.	N-AHN (II) 225: IV SEM 7	Application of topical medication	K,S	Small group discussion and demonstration	2hour
15.	N-AHN (II) 225: IV SEM 7	Administrationofchemothera py	K,S	Small group discussion and demonstration	2hour
16.	N-AHN (II) 225: IV SEM 8	Assessment:primaryandseco ndarysurvey	K,S,A	Small group discussion and demonstration	2hour
17.	N-AHN (II) 225: IV SEM 8	Traumacare:bandaging,wou ndcare,splinting,positions	K,S,A	Small group discussion and demonstration	2hour
18.	N-AHN (II) 225: IV SEM 9	Useofassistivesafetydevices	K,S	Small group discussion and demonstration	2hour
19.	N-AHN (II) 225: IV SEM 10	Assessment critically ill	K,S	Small group discussion and demonstration	2hour
20.	N-AHN (II) 225: IV SEM 10	ET tube set up –suction	K,S	Small group discussion and demonstration	2hour
21.	N-AHN (II) 225: IV SEM 10	TT suction	K,S	Small group discussion and demonstration	2hour
22.	N-AHN (II) 225: IV SEM 10	Ventilator set up	K,S,A	Small group discussion and demonstration	2hour
23.	N-AHN (II) 225: IV SEM 10	Chest drainage Bag mask ventilation	K,S,A	Small group discussion and demonstration	3hour
24.	N-AHN (II) 225: IV SEM 10	Central & Peripheral line Pacemaker	K,S	Small group discussion and demonstration	3hour
		Total			24 hrs

Tutorials (10 Hrs)

Sr. No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N-AHN (II) 225: IV SEM1.3	Otitis Media	K	Tutorials	1 hour
2.	N-AHN (II) 225: IV SEM2.4	Cataract	K	Tutorials	1 hour
3.	N-AHN (II) 225: IV SEM 3.2	Renal calculi	K	Tutorials	1 hour
4.	N-AHN (II) 225: IV SEM 5.4	Burn Management	K	Tutorials	1 hour
5.	N-AHN (II) 225: IV SEM 6.5	Meningitis	K	Tutorials	1 hour
6.	N-AHN (II) 225: IV SEM 6.6	CVA	K	Tutorials	1 hour
7.	N-AHN (II) 225: IV SEM 6.6	Parkinson's disease	K	Tutorials	1 hour
8.	N-AHN (II) 225: IV SEM 8.4	Cancer of larynx	K	Tutorials	1 hour
9.	N-AHN (II) 225: IV SEM 9.2	Types of Disaster	K	Tutorials	1 hour
10.	N-AHN (II) 225: IV SEM 11.1	Modes of ventilator	K	Tutorials	1 hour
Total					10 hours

Integration/MPBL- 6 Hrs

Sr. No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1	N-AHN (II) 225: IV SEM 8.4	Leukaemia	K	Lecture cum discussion	6 hour
2	N-AHN (II) 225: IV SEM 9.2	Disaster management	K	Lecture cum discussion	
3	N-AHN (II) 225: IV SEM 12.1	Occupational disorder	K	Lecture cum discussion	

TEACHING STRATEGY:

Total Hours: 660, Theory Hours: 140, Skill lab: 40 hours, Clinical/Practical Hours: 480 hours

Theory

Continuous Assessment: 10Marks

Sr. No	Assignments	Percentage of Attendance required	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number of assignments required	Marks	Total Marks allotted
2	Written Assignments	2	2X5	10
3	Seminar/Microteaching/Individual presentation	2	2x6	12
4	Group work/Work/Report	1	1x6	06
5	Mandatory Module :	1	1x10	10
			Total	40/4=10Marks

Note: If there is mandatory module in that semester, marks obtained by student out of 10 can be added to 30 totaling 40 marks.

Practical

Continuous assessment:20 marks (Double the weightage as 20 marks for continuous assessment)

Sr. No	Assignments	Percentage of Attendance	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number assignments	Marks	Total Marks
2	Clinical presentation(Pressure soreassessment(Individual teaching)	3x20	60	10marks
i		1x20		
ii		1x20		
iii		1x20		
3	Drug presentation and report	2x20	40	
i		1x20	20	
ii		1x20	20	
4	Case study report/Name of the case	5x20	100	
i		1x20		
ii		1x20		
iii		1x20		
iv		1x20		
v		1x20		
5	Continuous evaluation of clinical performance	01	10marks	10marks
6	End of posting OSCE	01	05marks	05marks
7	Completion of procedures and clinical requirements		03marks	03marks
Total				30/3=10

Note: For Adult Health Nursing I, Adult Health Nursing II, Community Health Nursing I & Community Health Nursing II, the marks can be calculated as per weightage. Double the weightage as 20 marks for continuous assessment and 30 for sessional exams.

Formative Assessment

1. Sessional Examinations: Theory: I

Name of the Institute: SRMM College of Nursing
Name of Examination: Fourth Semester B.Sc. Nursing
Semester IV/Sessional I: Adult Health Nursing -II
N-AHN(II)225: IV -SEM/Primary/2021-2025

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=30
Essay/Situation type (2) 1/2	(2) Level-I-1 Level-II-1			10Mx1=10M
Short(3) 2/ 3	(2) Level I-1 Level II-1	(1) Level I-1		5Mx2=10M
Very Short (4) 3/4	(2) Level I-1 Level II-1	(1) Level I-1	(1) Level-I-1	2Mx3=6M
MCQ (4) 4/4	(2) Level I-1 Level II-1	(1) Level I-1	(1) Level-1	1Mx4=4M
About 60:30:10 (MK:DK:NK) Level of Learning 80:20				Total =30

2. Sessional Examinations: Theory: II

Name of the Institute: SRMM College of Nursing

Name of Examination: Fourth Semester Basic B.Sc. Nursing

Semester IV/Sessional II: Adult Health Nursing -II

N-AHN(II)225: IV -SEM/Primary/2021-2025

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=75
Essay/Situation type (4) 2/4	(4) Level-I-2 Level-II-2			15Mx2=30M
Short(6) 5/6	(3) Level I-2 Level II-1	(2) Level I-1 Level II-1	(1) Level I-1	5Mx5=25
Very Short (5) 4/5	(3) Level I-2 Level II-1	(1) Level I-1	(1) Level-I-1	4Mx2=8M
MCQ(12) 12/12	(7) Level I-5 Level II-2	(4) Level I-3 Level II-1	(1) Level-1	12Mx1=12M
About 60:30:10 (MK:DK:NK) Level of Learning 80:20				Total =75 Marks

2. Formative Assessment: Practical

a. Practical: Sessional examinations: II

Exam pattern	Sessional examination I	Total
OSCE	10 marks	30Marks
DOP (Directly observed practical in the clinical setting)	20marks	

b. Practical: Sessional examinations: II

Exam pattern	Sessional examination II	Total
OSCE	10 marks	30 Marks
DOP (Directly observed practical in the clinical setting)	20marks	

3. Summative Assessment

a. Theory:

Name of the Institute: SRMM College of Nursing
Name of Examination: Fourth Semester Basic B.Sc. Nursing
Semester IV/University Exam: Adult Health Nursing- II
N-AHN(II)225: IV-SEM/Primary/2021-2025

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=75
Essay/Situation type (4) 2/4	(4) Level-I-2 Level-II-2			15Mx2=30M
Short(6) 5/6	(3) Level I-2 Level II-1	(2) Level I-1 Level II-1	(1) Level I-1	5Mx5=25
Very Short (5) 4/5	(3) Level I-2 Level II-1	(1) Level I-1	(1) Level-I-1	4Mx2=8M
MCQ(12) 12/12	(7) Level I-5 Level II-2	(4) Level I-3 Level II-1	(1) Level-1	12Mx1=12M
About 60:30:10 Level of Learning 80:20	(MK:DK:NK)			Total =75 Marks

b. Practical:

Method of assessment	Allotted marks	Total marks
OSCE	15	50 Marks
DOP	35	

Recommended Books

TEXT BOOKS:

- Text book of Medical Surgical Nursing –Brunner and Suddarth
- Medical Surgical Nursing –Clinical Positive outcome-Joyce and Black
- Medical Surgical Assessment and Management of clinical problems –Lewis ,Colliner
- Medical Surgical Nursing –A Psychopathologic Approach –Luckmann and Sorensen
- Medical Surgical Nursing –A Nursing process Approach
- Medical Surgical nursing –B.T.Basvanthappa
- Medical Surgical Nursing an integrated approach;-White L,Delmar

- Moroneys Surgery for nurses –Colmer
- API Textbook of Medicine :-Shah N.S
- Pharmacology and Pharmacotherapeutics-SatoskarR.S.Bhandarkar
- Fundamental of Operation theatre Services –Datta T.K
- Essentials of Orthopaedics:-Maheshwari
- Illustrated Textbook of Dermatology-ParischaJ.S.,Gupta
- Davidsons Principles and Practice of Medicine –Haslett C,Chilvers E.

Journals:

- IndianJournalofMedical-SurgicalNursing(IJMSN),
- Americanjournalofnursing
- International Journal of Medical Surgical Nursing
- Medical surgical nursing journal