



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
MANONMANIAM SUNDARANAR UNIVERSITY

**SYLLABUS FOR CERTIFICATE IN GERIATRICS CARE
PROGRAM OFFERED THROUGH DIRECTORATE OF VOCATIONAL EDUCATION
(COMMUNITY COLLEGES AND VOCATIONAL SKILL DEVELOPMENT CENTRES)
FROM 2019 - 2020**



கல்விசார் நிலைக்குழுக் கூட்டம்

**MEETING OF THE STANDING COMMITTEE ON
ACADEMIC AFFAIRS HELD ON FRIDAY
THE 28th JUNE 2019.**

CERTIFICATE IN GERIATRICS CARE

முதியோர் பராமரிப்பு சான்றிதழ் படிப்பு

SCHEME OF EXAMINATION

Subject code	Title of the Course	Credit	Hours	Passing minimum
C19GC11/E19GC01	Anatomy and Physiology	6	90	40/100
C19GC12/E19GC02	Geriatric Care	6	90	40/100
C19GCP1/E19GCP1	Practical I-Basic Care	4	120	40/100
C19GCP2/E19GCP2	Practical II-Advanced Care	4	120	40/100
C19GCPW/E19GCPW	Project/Internship-Inpatient Care	10	150	40/100

Eligibility for admission: Pass in 10thstd Examination conducted by the Govt. of Tamil Nadu Board of Secondary Education, Government of Tamil Nadu or any other equivalent Examination

Examination: Passing minimum for each Course is 40%.classification will be done on the basis percentage marks of the total marks obtained in all of the Courses and given as below:

40% but less than 50% - Third Class
50%but less than 60% - Second Class
60% and above - First Class

SYLLABUS

Course I : Anatomy and Physiology
Course II : Geriatric Care
Course III : Practical I – Basic Care
Course IV : Practical II - Advanced Care
Course V : Project/Internship-Inpatient Care

Program Objectives

- Communicate effectively using interpersonal skills .
- Utilize evidence-based interventions to achieve optimal adaptation.
- Safely perform and prioritize appropriate geriatric care skills.
- Employ appropriate thinking to safely and effectively provide geriatric care.

COURSE I

(C19GC11/E19GC01)Anatomy and Physiology

Objectives

- To equip the students with the knowledge of human body system.
- To understand the function of various structure of the human body

Unit I

18 Hrs

The Body as a whole - Cavities of the body and their Contents – Cells and tissues – Organs and systems – The skin and appendages – Structure and function of skeleton - The skull – The Vertebral column – The Thorax – Bones of the upper limbs – Bones of the lower limbs.

Joints and Muscles – Types of Joints – The muscular system.

Unit II

18 Hrs

Nervous system– The brain – cerebrum – cerebellum – mid brain – brain stem – pons and Medulla.

The spinal cord and spinal nerves - The meninges and cerebrospinal fluid.

The eye – The ear – The sense of smell and taste

Unit III

18 Hrs

Circulatory system -The blood – Blood clotting – Blood grouping – Cross matching - The heart and blood vessels.

Respiratory System-The nose pharynx – larynx – The Trachea – Bronchi – Lungs.

Unit IV

18 Hrs

Digestive System – structure and functions-The mouth – pharynx –

Oesophagus – The stomach – small intestine- large intestine –rectum-anus- liver-salivary glands-gall bladder-pancreas

Unit V

18 Hrs

The Endocrine glands – Thyroid – Parathyroid – Pituitary – Adrenal gland.

Male and female reproductive system,– The Excretory system –Kidneys-ureters- urinary bladder-urethra- Urine and micturation - water and salt balances.

Reference Books

- Text Book for health workers – A.M Chalkey Vols I & II
- Manual for Health worker –Ministry of Health and Family welfare
- Bruce Forciea (2012) An text of Human Anatomy and Physiology, Creative Commons Attribution
- Eldon D Enger, FC Ross and DB Bailey (2005) Concepts in Biology, (11thEdn), TMH
- Tortora Gerald J and Bryan Derrick son (2014) Anatomy and Physiology, India Edn, Wiley India

COURSE II

(C19GC12/E19GC02)GERIATRIC CARE

Objectives

- To study and gain knowledge about geriatric care
- To promote health of geriatric clients

Unit I

18 Hrs

HEALTH –Definition Basic care of patient-prevention of infection.-standard precautions-personal protective equipment-hand washing-disposal of waste

Unit II

18 Hrs

Identification of high risk cases assessment-Coping with physical and mental changes-coping with stress and grief-promotion of physical and mental health-death care

Unit III

18 Hrs

Care of elders with-diabetes mellitus, hypertension ,fracture-unconscious-visual and auditory impairment-paralysis-renal failure-cardiac problems-terminal illness-other chronic illness-alzheimer's disease.

Unit IV

18 Hrs

Nutrition-nutrients-carbohydrates-protein-fat-vitamins –minerals-Types of diet-mal-nutrition-obesity-assessment of BMI-types of diet-diet plan-nutritional deficiencies of elder-health education.

Unit V

18 Hrs

Promoting self care-rehabilitation-positioning-comfort devices-prevention and care of bedsores-specimen collection-common symptoms and diseases-eyes, ears, heart, lungs, digestive system, reproductive system, excretory system, back pain, fever, diarrhoea.

References

- World Health Organization (WHO):
- Prevention of hospital acquired Infections: A practical guide. 2nd edition, Chap II
- M. Swaminathan "Principles of Nutrition and Dietetics", 1993, Bappeo 88, Mysore Road,
- Bangalore - 560 018.
- Text Book for health workers – A.M Chalkey Vols I & II
- Manual for Health worker –Ministry of Health and Family welfare

Course III
PRACTICAL I

(C19GCP1/E19GCP1)**Basic care**

- History taking And physical examination
- Vital Signs
- Height , Weight Monitoring
- Blood Pressure
- Pulse
- Temperature
- Respiration
- Hygienic Procedure :
- Oral Hygiene
- Sponge Bath
- Hair Wash
- Pressure Sore Care
- Giving bed pan and urinal
- Feeding
- Hot and cold applications
- Back care
- Nail care
- Bed making-4types

Course IV
PRACTICAL II

(C19GCP2/E19GCP2)**Advanced care**

- Oral medication
- Oxygen therapy
- Ryle's tube feeding
- Perineal care
- Baby bath
- Enema
- Nebulizer
- Hand washing
- Mask, gown, gloving techniques
- Urine test-sugar and albumin
- Wound dressing
- Preparation for IV infusions
- Subcutaneous injection-insulin
- Catheterization
- Catheter Care

Course V

(C19GCPW/E19GCPW)PROJECT/INTERNSHIP- INPATIENT CARE

- Oral medication
- Oxygen therapy
- Ryle's tube feeding
- Perineal care
- Baby bath
- Enema
- Nebulizer
- Hand washing
- Mask, gown, gloving techniques
- Urine test-sugar and albumin
- Wound dressing
- Preparation for IV infusions
- Subcutaneous injection-insulin
- Catheterization
- Catheter Care

REFERENCE

1. Principles and Practice of Nursing. Vol I , Vol II , - Sr .Nancy
2. Text Book for health workers – A.M Chalkey Vols I & II
3. Manual for Health worker –Ministry of Health and Family welfare
4. Potter and Perry's Fundamentals of Nursing: Second South Asia Edition4
5. Principles & Practice Of Nursing Vol 1 Nursing Arts Procedures Sr.Nancy 7th Edition
