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**ST. TERESA'S COLLEGE, ERNAKULAM**  
**(AUTONOMOUS)**

**Affiliated to Mahatma Gandhi University, Kottayam**



**CURRICULUM FOR**  
**COMMUNITY COLLEGE PROGRAMME**  
**IN**  
**DIPLOMA IN HEALTHCARE ASSISTANCE**

Under Credit & Semester System  
& Outcome Based Education  
(2018 Admissions)

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**Community College Programme**  
**Diploma In HealthCare Assistance**

**PROGRAM SPECIFIC OUTCOMES**

- PSO1:** Apply alternative systems of Medicine and Nursing, in providing nursing care to individuals, families and communities.
- PSO2:** Explain nutritional concepts and life style changes which affect health of individuals and groups.
- PSO3:** Develop competency in providing healthcare to individuals sick or well using nursing process.
- PSO4:** Practice the basic skills in administration and management while working with other members of the health team.
- PSO5:** Develop Communication skills to promote effective interpersonal relationships and teamwork.

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**SEMESTER I**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	<b>Course Type</b>
VHA1G01D18	English For Communication – I	5	GeneralCourse
VHA1G02D18	Social Psychology	5	GeneralCourse
VHA1S01D18	Anatomy & Physiology	4	SkillCourse
VHA1S02D18	Nutrition	4	SkillCourse
VHA1S03D18	Community Health- I	5	SkillCourse
VHA1SP01D18	Basic Nursing Practice - I (Practical)	5	SkillCourse

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**SEMESTER I**

**GENERAL COURSE**

**VHA1G01D18– ENGLISH FOR COMMUNICATION –I**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

**CO1:** Create positive group communication exchanges and improve vocabulary and grammar.

**CO2:** Identify main ideas and supporting details in academic listening and presentation.

**CO3:** Develop speaking ability in English both in terms of fluency and comprehensibility.

**CO4:** Manage reading speed and comprehension of academic articles.

**CO5:** Illustrate skills in written and interpersonal communication.

**CO6:** Assess the different forms of communication to be applied according to required situations.

**Mapping of Course Outcomes with Program Specific Outcomes**

<b>Mapping</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	2	1	2	2	2
<b>CO2</b>	1	1	2	2	2
<b>CO3</b>	1	1	2	3	3
<b>CO4</b>	1	1	1	2	2
<b>CO5</b>	1	1	2	3	3
<b>CO6</b>	1	1	2	2	2

**Syllabus Content:**

**Module 1 (15 hrs)**

Learning English : The importance of English, uses of English; vocabulary-using a dictionary; Synonyms; Antonyms

**Module II (25 hrs)**

Essentials of English Grammar Sentence: Types of Sentences- Phrases; Articles- Paragraph Writing – Topic Sentences, Supporting Sentences, Concluding Sentences - Parts of Speech- Noun, Verb, Adjectives, Tenses, Modal Auxiliaries, Prepositions, Conjunction – Punctuation - Passive and Active Voice - Reported Speech – Prefixes – Suffixes

**Module III (15 hrs)**

Listening and Reading : Barriers to Listening – Academic Listening - Reading Stories – Reading Newspaper

**Module IV (20 hrs)**

Practicals: How to use a Dictionary - Listening Comprehension- Engaging in Conversations – Descriptive Writing

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**SEMESTER I**

**GENERAL COURSE**

**VHA1G02D18– SOCIAL PSYCHOLOGY**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

- CO1:** Explain the various concept of sociology.
- CO2:** Discuss about various social problems.
- CO3:** Discuss the fundamental laws of Psychology.
- CO4:** Justify the relation between family and culture.
- CO5:** Plan a counseling session for a hospitalized patient.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	1	1	2	1	2
<b>CO2</b>	2	2	2	1	1
<b>CO3</b>	2	1	2	1	2
<b>CO4</b>	3	2	1	1	1
<b>CO5</b>	3	2	1	1	2

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**Syllabus Content:**

**Module 1 (15 hrs)**

Basics of sociology : Definition of sociology, social organization - Social interaction-types, perspectives - Social stratification-characteristics, functions - Socialisation-stages, role of socialization in the personality development of an individual - Social problems-illiteracy, poverty, population explosion, drug addiction, alcohol abuse, juvenile delinquency, sexual abuse, rape.

**Module II (20 hrs)**

Fundamentals of psychology : Definition of psychology, basic psychological process sensation,attention,personality,perception,learning,thinking,behavior,attitude,frustration, conflicts - Defense mechanism, id, ego, super ego - Maslow's hierarchy of needs- Mental health problems : anxiety,depression,stress,psychosis and psychotic illness- Coping with stress,characteristics of happy people, factors promote wellness - Geriatric psychology.

**Module III (10 hrs)**

Culture & Family - Definition, nature, characteristics of culture. Meaning, definition of family, functions of family nuclear & joint family, factors of change in the family.

**Module IV (10 hrs)**

counseling :Definition, concepts, steps in counselling, importance, qualities of a counselor, role of a Counselor

**Related experience: (20 hrs)**

- Visit to old age home
- Group discussion and role play
- Practice counselling technique

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**SEMESTER I**

**SKILL COURSE**

**VHA1S01D18 – ANATOMY & PHYSIOLOGY**

**Credits: 4**

**Total Lecture Hours: 60**

**Course Outcomes:**

- CO1:** Explain the structure of human body, the whole.
- CO2:** Recognize the various systems present in the human body.
- CO3:** Identify various types of skeletal and muscular system present in human body.
- CO4:** Classify the nervous system of human body.
- CO5:** Explain the various systems involving in the metabolic functions of human body.
- CO6:** Differentiate between the reproductive systems of human male from female.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	1	2	1	1
<b>CO2</b>	2	1	2	1	1
<b>CO3</b>	2	1	2	1	1
<b>CO4</b>	2	1	2	1	1
<b>CO5</b>	3	2	3	1	1
<b>CO6</b>	3	1	2	1	1



**Syllabus Content:**

**Module-1 : Human body the whole (10Hr)**

- Introduction to body, cell, structure of cell, function of cell, types of cell division (only the names), body cavities, organs in each body cavity,
- Introduction to various system in the body
- Tissues –types

**Module II Erect and moving body (10Hr)**

- Skeletal system,-types of Skelton-axial and appendicular, names of skelton in the body
- Joints-types, functions,
- Muscular systems-types of muscles, functions, important muscles in the bodyabdominal, rectal,gluteal and deltoid

**Module III Integration and control of body (10hr)**

- Nervous system, structure of a neuron, classification of nervous system,
- Brain- structure, function, transmission of impulses,
- Sense organs- structure and function of ear ,eye, nose, tongue, skin

**Module IV Mataining metabolism (15Hr)**

- Circulatory system- heart-structure, cardiac output, cardiac cycle, systemic circulation,pulmonary circulation, blood gases
- Blood and blood components, blood groups, coagulation mechanism,Rh incompatibility
- Respiratory system- anatomy , mechanism of respiration
- Digestive system- oral cavity; teeth, salivary glands, stomach, absorption of food,functions of liver, intestine, anal canal.
- Structure and function of Urinary system, fluid and electrolyte balance.
- Endocrine glands functions, hormones produced by the glands

**Module V Human reproduction (5hr)**

- Anatomy and physiology of female reproductive system- structure of uterus
- Anatomy of male reproductive System

**Related Experiences: (10hr)**

- Learn about the anatomy of Skelton system
- Learn about the structure of heart and circulation of blood.
- Observe microscopic view of blood composition at laboratory.
- Make students learn the structure of respiratory system, mechanism of respiration with the help of video presentation.
- Learn about digestive system, absorption of food from intestine with the help of video presentation.

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**SEMESTER I**  
**SKILL COURSE**  
**VHA1S02D18– NUTRITION**

**Credits: 4**

**Total Lecture Hours: 60**

**Course Outcomes:**

- CO1:** Describe the importance of nutrition.
- CO2:** Classify the different types of nutrients and understands its deficiency disorders.
- CO3:** Apply the concept of therapeutic diet in preparing a diet for a patient with non communicable disease.
- CO4:** Prepare a menu plan for a pregnant /lactating mother.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	2	2	1	1
CO2	3	3	2	1	1
CO3	3	3	2	1	1
CO4	3	3	2	1	1

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**Syllabus Content:**

**Module 1 Food and Health (10hrs)**

- Functions of food, Basic food groups III,
- Balanced diet- definition,concept,importance
- Health, importance of food for health

**Module II Study of nutrients (10hrs)**

- Carbohydrates, Protein, Fat-Sources and Function
- Water: function
- Vitamins- sources and deficiency disorders
- Minerals-Ca, Ph, Iron, Iodine, Sodium, Folic acid

**Module III Menu Planning and Types of diet (10hrs)**

- Principles of menu planning;
- Types of hospital diets-bland diet, soft, liquid, tube feeding

**Module IV Nutrition in special conditions (15hrs)**

- Pregnancy
- Lactation
- Old age
- Diet in non-communicable diseases-diabetes, atherosclerosis, cancer
- Diet in liver and kidney diseases

**Related Experiences: (10hrs)**

- Learn about food pyramid model in the food science laboratory.
- Visit the dietary services of a hospital
- Prepare different types of diets in special conditions and therapeutic conditions

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**SEMESTER I**

**SKILL COURSE**

**VHA1S03D18– COMMUNITY HEALTH-I**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

- CO1:** Explain the health care delivery system present in India.
- CO2:** Identify the health problems present in India.
- CO3:** Practice hygienic measures at home, community and at hospitals.
- CO4:** Explain about environmental sanitation measures.
- CO5:** Describe about the methods of disease prevention and control.
- CO6:** Design a good quality health education to public.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	1	2	1	1
<b>CO2</b>	2	3	2	1	1
<b>CO3</b>	3	1	3	1	1
<b>CO4</b>	1	2	2	1	1
<b>CO5</b>	2	3	2	1	1
<b>CO6</b>	3	3	3	1	3

**Syllabus Content:**

**Module 1 : Introduction to community health (10hrs)**

- History, healthcare delivery system-PHC, functions of PHC, role of Health worker at PHC
- WHO-functions, definition of health as per WHO
- Functions of UNICEF,FAO,Red Cross
- Health problems in India, Health planning Programme

**Module 2 : Environmental sanitation (15hrs)**

- Air- Air Pollution, causes, prevention and control of air pollution
- Noise- pollution
- Water- sources of water, water pollution ,purification of water
- Ventilation, types, lighting
- Disposal of waste, solid waste management, liquid waste management, hazards of improper waste management
- Excreta disposal- types of latrine, hospital waste management, segregation, transport and Disposal

**Module III : Disease prevention and control (15hrs)**

- Microorganisms,bacteria,fungus,virus,
- Types of bacteria, classification of micro-organisms
- Mode of transmission of micro-organisms-vector,vehicleborne,carriers,airborne,waterborne
- Hand washing
- Disinfection-methods, physical and chemical method
- Sterilization-methods,autoclaving,incineration

**Module IV : home visit (10hrs)**

- Home visit, case record and family health
- Importance of health education in community health
- Group education

**Related experience: (25hrs)**

- Health education for community
- Survey on immunization of school children
- Visit to PHC,
- Water purification center
- Home visit
- Record of family health

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**SEMESTER I**

**SKILL COURSE**

**VHA1SP01D18– BASIC NURSING PRACTICE -I(PRACTICAL)**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

- CO1:** Explain the importance of health.
- CO2:** Assess the vital signs of a patient
- CO3:** Identify the basic needs of a patient and provide comfort to them.
- CO4:** Practice various hygienic procedures.
- CO5:** Describe the first aid management of medical emergencies.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	2	3	1	1
<b>CO2</b>	3	1	3	1	1
<b>CO3</b>	2	2	2	1	1
<b>CO4</b>	3	1	3	1	1
<b>CO5</b>	2	1	2	1	1

**Syllabus Content:**

**Module 1 : Introduction to health care (5hrs)**

- History and evolution of healthcare, ethics of care, importance of health,
- Role and qualities of a health worker,

**Module II: Record of vital signs and physical assessment (10hrs)**

- Physical assessment of patient, physical examinations, history taking,
- Record of vital signs-TPR,BP
- Pulse-types, respiration –types, temperature- types,
- management of patient with hyperpyrexia,
- management of patient with dyspnea

**Module III : Basic nursing practice –needs and comfort (15hrs)**

- Preparation of patient unit- bed making, principles of bed making, types of bed- operation bed, cardiac bed, divided bed, open bed, closed bed
- Personnel hygiene- care of mouth, complication of unhygienic mouth, sponge bath, care of back, bed sore, prevention of bed sore
- Ryle's tube feeding,
- Positions of the patient
- Care of unconscious patient

**Module IV: first aid and bandaging (10hrs)**

- Definition of first aid-rules, qualities of a first aider,
- First aid management- bleeding,poisoning,drowning,chocking with foreign body, scalds, burns
- Fracture-types, first aid of fracture, carrying a fracture patient
- Shock-types,causes,first aid
- Bandaging- types, rule of bandaging

**Related Experiences (35 hrs)**

Related practical experiences to be recorded in a record are as follows:

- Physical assessment of patient, Record of temperature, pulse, BP.
- Technique of Bed making
- Sponge bathing techniques
- Positioning of patients
- Care of back
- Inhalation techniques-steam inhalation
- Mouth care
- Dressing of wounds
- Collection of specimen
- Hand Washing technique
- Carrying out aseptic technique
- Demonstration of emergency management
- Bandaging techniques



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**SEMESTER- II**

<b>Course Code</b>	<b>Course Title</b>	<b>Credit</b>	<b>Skill/General</b>
VHA2G03D18	English for Communication –II	4	General Course
VHA2G04D18	Office Management	5	General Course
VHA2G05D18	Entrepreneurship Development	5	General Course
VHA2S04D18	Pain and Palliative	5	Skill Course
VHA2S05D18	Community Health-II	5	Skill Course
VHA2SP02D18	Basic Nursing Practice-II	4	Skill Course

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**SEMESTER II**

**GENERAL COURSE**

**VHA2G03D18 - ENGLISH FOR COMMUNICATION- II**

**Credits: 4**

**Total Lecture Hours: 60**

**Course Outcomes:**

**CO 1:**Practice the formal elements of specific genres of written communication: letters, email, resume, essays, notices, reports.

**CO 2:**Develop soft skills for presentation and formal communication through individual and group activities.

**CO 3:**Employ verbal/oral communication skills to communicate effectively and appropriately in real-life situations.

**CO 4:**Illustrate a writing style that aids and enhances communication.

**CO 5:**Apply different forms of communication and language processes in various contexts.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	3	2	3	2
<b>CO2</b>	2	2	2	3	3
<b>CO3</b>	2	2	2	2	3
<b>CO4</b>	2	2	2	3	3
<b>CO5</b>	2	2	2	3	3

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**Syllabus Content**

**Module-1 Speaking (15hrs)**

- Describing Places, Events and Things – Introducing Oneself
- Participating in Conversation - Telephone Skills - Interviews
- Dealing with Authorities and Subordinates

**Module-2 Writing Models (15hrs)**

- Letters : Covering Letter- E-mail
- Resume - Writing Reports – Minutes –
- Notices - Filling Application Forms
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**Module-3 Presentation Skills (15hrs)**

- Soft Skills for Presentations - Effective Communication Skills
- BodyLanguage - Choosing Appropriate Medium - Flip charts
- Power Point Presentations

**Module-4 Practical (15hrs)**

- Listening and Note Taking - Listening to announcements
- Self Introduction
  - Mock Interview

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**SEMESTER II**

**GENERAL COURSE**

**VHA2G04D18–OFFICE MANAGEMENT**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

**CO1 :** Explain the various concepts of Office Management.

**CO2 :** Recognize various types of Office.

**CO3 :** Apply the concept of Material Management in hospital and office for better patient care.

**CO4 :** Apply the concept of filing and indexing in the record management.

**CO5 :** Practice the principles of record management and disposal.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	1	1	2	2	1
<b>CO2</b>	1	1	1	1	1
<b>CO3</b>	2	1	2	3	1
<b>CO4</b>	1	1	2	2	1
<b>CO5</b>	1	1	2	2	1

**Syllabus Content**

**Module-1 Introduction to office management (20hr)**

- Definition of office and office management
- Elements of office management,
- Planning and scheduling of office work
- Office administration

**Module-2 Accounting (15hr)**

Basic principles of accounting, assets, liabilities, cost accounting, material management, stock checking

**Module-3 Computer skill ( 20hr)**

- Internet-meaning, importance, browsing the internet, downloading the material from websites
- Email- sending, receiving and storing mail, chatting
- MS office- Word, Excel, Power point

**Module-4 Maintain records (20hr)**

- Introduction – need, objectives, kind of records
- Organization of records department
- Classifying and indexing of records and files
- Principles-retention and disposition of records
- Legal aspects of office records

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**SEMESTER II**

**GENERAL COURSE**

**VHA2G05D18 – ENTREPRENEURSHIP DEVELOPMENT**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

**CO1:** Describe the basics of entrepreneurship.

**CO2:** Explain the principles of management.

**CO3:** Develop Hospital planning and services.

**CO4:** Discuss various health insurances and policies.

**CO5:** Employ the concept of health economics in the field of Entrepreneurship.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	1	1	1	2	1
<b>CO2</b>	1	1	2	2	2
<b>CO3</b>	2	1	3	2	1
<b>CO4</b>	2	1	2	1	1
<b>CO5</b>	2	1	2	2	1

**Syllabus Content**

**Module-1 Basics of entrepreneurship**

**(20hr)**

- Definition, concept, approaches,principles,characteristics
- Qualities of an entrepreneur
- Organogram

**Module-2 Principles of management**

**(20hr)**

- Definition of management,organizing,planning,staffing,co-ordinating,evaluating
- Leadership – definition, types of leader, qualities of a leader

**Module 3 Hospital planning and services**

**(20hr)**

- Planning of a healthcare system, business opportunities, structure and function of hospital
- Hospital services-OPD, casualty,ICU,CSSD,laboratory services,OT, Laundry,pharmacy, dietary services, PRO
- Health insurance- principles, various policies

**Module 4 Health economics**

**(15hr)**

- Definition,scope,concepts, importance
- Healthcare demand, health technology, healthcare assessment, job description, career opportunities,recruitment,selection and placement of personnel, performance appraisal, grievance redressal

**SEMESTER II**

**SKILL COURSE**

**VHA2S04D18 - PAIN AND PALLIATIVE**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

**CO1:** Recognise the importance of palliative care.

**CO2:** Employ the pain management in palliative care.

**CO3:** Describe Hospice and its functions.

**CO4:** Develop skill in providing end of life care.

**CO5:** Develop skill in caring patients with neurological problems.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	2	2	1	1
<b>CO2</b>	3	2	3	1	1
<b>CO3</b>	2	1	2	1	1
<b>CO4</b>	3	2	3	1	2
<b>CO5</b>	3	3	3	1	1



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**Syllabus Content**

**Module-1 Palliative care (15hr)**

- Definition,history,concepts,
- Symptoms of palliative patients-pain, dyspnea,vomiting,nausea,swallowing problems, loss of appetite,delirium, ascites
- Palliative nursing- Mouth care, feeding, bedsore, care of wound, tracheostomy care, bowel and bladder care
- Painmanagement- definition, assessment of pain, WHO ladder of pain management, NSAIDs, Opioids
- Paediatric palliative care

**Module-2 Home care and hospice concept (20hr)**

- Home care- definition,advantages,teaching of patient relatives
- Hospice –concept, functions
- End of life care-concept,symptoms of death, role of a health worker
- Grief, bereavement

**Module-3 Care of patient with neurological problems (25hr)**

- Dementia-definition,causes,management
- Alzheimer's disease- causes, stages, management
- Parkinson's disease- causes, stages, symptoms, managements
- Stroke- definition, types, causes, management

**Module-4 Care and rehabilitation of paraplegic patients (15hr)**

- Paraplegia- definition, causes, nursing care of patient with paraplegia, rehabilitation

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**SEMESTER II**

**SKILL COURSE**

**VH2S05D18 – COMMUNITY HEALTH NURSING-II**

**Credits: 5**

**Total Lecture Hours: 75**

**Course Outcomes:**

**CO1:** Explain the maternity cycle.

**CO2:** Identify the health problems during antenatal, intranatal, postnatal periods.

**CO3:** Practice hygienic measures during labour management and in care of mothers and newborn.

**CO4 :** Recognize communicable and non-communicable diseases.

**CO5:** Manage Disasters by applying the concept of triaging and Disaster management phases.

**CO6:** Plan health education to the public.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	3	2	1	2
<b>CO2</b>	2	3	2	1	2
<b>CO3</b>	3	3	3	1	3
<b>CO4</b>	2	2	2	1	2
<b>CO5</b>	2	1	3	3	3
<b>CO6</b>	3	3	3	3	3

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## **Syllabus Content**

### **Module-1 Maternal health (25hr)**

- Maternal cycle, menstrual cycle • Pregnancy-signs and symptoms of pregnancy, minor disorders of pregnancy, minor disorders of pregnancy, management of hyper emesis gravid rum, types of major disorders of pregnancy(name)
- Antenatal care- antenatal examination, assessment of growth of uterus, advise to antenatal mother
- Labour- stages, management, complication
- Puerperium and its management
- Family planning

### **Module-2 Child health (15hr)**

- Neonates- care of new born, congenital abnormalities, Apgar score
- Infant ,child,adolescents,adult • Breast feeding-advantages
- Weaning •Immunization schedule
- School health Programme

### **Module-3 Disaster management (10hr)**

- Definition,types,triage,phases of disaster management
- Hospital disaster management, fire safety measures

### **Module-4 communicable and non-communicable disease (25hr)**

- Causes, prevention, treatment and control of Communicable disease like Tuberculosis, malaria, filarial, diphtheria, whooping cough, measles, rabies typhoid, hepatitis, AIDs, Diarrheal disease
- Causes, prevention, treatment and control of non -Communicable disease like cancer, diabetic mellitus, hypertension

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**SEMESTER II**

**SKILL COURSE**

**VHA2SP02D18 – BASIC NURSING PRACTICE-II**

**Credits: 4**

**Total Lecture Hours: 60**

**Course Outcomes:**

**CO1:** Practice advanced nursing in hospitals.

**CO2:** Practice good skill in the pre-operative and post-operative management.

**CO3:** Develop skill in drug administration.

**CO4:** Practice the concepts of medical and surgical asepsis in patient care.

**Mapping of Course Outcomes with Program Specific Outcomes**

Mapping	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	1	2
<b>CO2</b>	3	3	3	2	3
<b>CO3</b>	3	3	3	1	1
<b>CO4</b>	3	3	3	1	2

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**Syllabus Content**

**Module-1 advanced nursing procedure (15hr)**

- Assist in Ryle's tube feeding, catheterization, catheter care, gastric lavage, bladder irrigation, vaginal douch, Blood transfusion
- Basic life support, Cardio pulmonary resuscitation

**Module-2 Pre –operative and post-operative management (15hr)**

- Preparation of patient for surgery- consent, local preparation
- Management of patient going for general surgery, abdominal surgery,LSCS
- Post-operative management: immediate and late management
- Post-operative exercises

**Module-3 Drug therapy (15hr)**

- Basic of administration of medication, sterile technique
- Routes of administration: IV,IM,S/C,I/D,inhalation,local application
- Duration : OD,BD,TID,SOS,STAT,QID,HS
- Measurements: pints,ounce,ml,teaspoon,table spoon
- Basics of administration of IV fluids: types of fluids

**Module-4 Medical and surgical asepsis (15hr)**

- Principles of aseptic technique, dressing of a sterile wound,
- Isolation-definition, methods
- Barrier nursing-definition, precaution
- Assisting a sterile procedure