

Vocational Course

School of Health Sciences

VOC140

Paper Name- Management of Emergencies in Health

Course Objectives- 1. Learning of first aid basics and Emergency care

2. Learning of Principles and procedures of emergency care and first aid 3. Learning of Measuring Vital parameters

Unit	Topics	Theory Hours	Practical Hours
1	Basic First Aid <ul style="list-style-type: none"> Aims of first aid & First aid and the law. Dealing with an emergency, Resuscitation (basic CPR). First aid related with Sense organs <ul style="list-style-type: none"> Basic of Sense organ. Foreign objects in the eye, ear, nose or skin. Swallowed foreign objects. 	3	6
2	Infection prevention and control <ul style="list-style-type: none"> Hand washing and Hygiene Types and Content of a First aid Kit Transportation, Ambulance services <ul style="list-style-type: none"> Transport techniques. Basic Life support and advanced life support. 	2	6
3	First AID Technique <ul style="list-style-type: none"> Dressings and Bandages. Fast evacuation techniques (single rescuer). 	3	6
4	First aid related with respiratory system <ul style="list-style-type: none"> Basics of Respiration. No breathing or difficult breathing, Drowning, Choking, Strangulation and hanging, Swelling within the throat, Suffocation by smoke or gases and Asthma. 	3	6
5	First aid related with Wound and Injuries <ul style="list-style-type: none"> Type of wounds, small cuts and abrasions Head, Chest, Abdominal injuries First aid related with Skin, Burns <ul style="list-style-type: none"> Basics of The skin Burn wounds, Dry burns and scalds (burns from fire, heat and steam). Electrical and Chemical burns, Sun burns, heat exhaustion and heatstroke 	4	6

Course Content: Theory(15 hours) + Practical(30 hours) Total 45 hours

Weightage of Theory- 40% of marks, 15 Hours

Total Weightage of Practical 60% of marks , 30 hours

Learning Outcome- By the end of the course the students able to: 1. Describe

the basics of first aid and emergency care

2. Describe and apply the principles of emergency care globally. 3. Describe

the procedures and techniques of first aid

4. To assess the Casualty and vitals parameters,

Job Prospects- Medical Health attendants

Skill Partner- G.S. V.M. Medical College Kanpur

[Handwritten signatures and dates]
 19/7/23
 19/7/23
 19/7/23
 19/7/23

Suggested Readings.-

1. Hoon R.S, First aid to the injured, St. John Ambulance Association, 10th Ed, 2014
2. Gardner Ward & Peter J. Roylance, New Advanced First Aid, London Butter Worths, 3rd edition 2001
3. Raine Hardhins and Hunt Vaheirs, Urgencies and emergencies for Nurses, English Universities Press Ltd, 1965
4. First Aid, American Red Cross, The Balckiston company, Philadelphia, 1945
5. Golqalla Asoi, A handbook of emergencies, Bombay sam and company, 1986.

de

de

de

de

de
19/12/23

School of Health Science

S Vocational Programme - 2023

Programme Name' Management of Emergencies in Health Care

Teaching Hours - Theory(15 hours) + Practical(60 hours)

e

Unit	Topics	Hours
1	Basic First Aid <ul style="list-style-type: none"> Aims of first aid & First aid and the law Dealing with an emergency, Resuscitation (basic CPR) 	1
2	Infection prevention and control <ul style="list-style-type: none"> Hand washing and Hygiene Types and Content of a First aid Kit 	1
3	First AID Technique <ul style="list-style-type: none"> Dressings and Bandages. Fast evacuation techniques (single rescuer) 	1
4	Transportation, Ambulance services <ul style="list-style-type: none"> Transport techniques. Basic Life support and advanced life support. 	1
5	First aid related with respiratory system <ul style="list-style-type: none"> Basics of Respiration. No breathing or difficult breathing, Drowning, Choking, Strangulation and hanging, Swelling within the throat, Suffocation by smoke or gases and Asthma. First ai 	1
6	d related with Wound sand Injuries <ul style="list-style-type: none"> Type of wounds, small cuts and abrasions Head, Chest, Abdominal injuries 	1
7	First aid related with Bones, Joints Muscle related injuries <ul style="list-style-type: none"> Basics of The skeleton, Joints and Muscles Fractures (injuries to bones). 	1
8	Disaster management and preparedness <ul style="list-style-type: none"> Types of Disaster, Stages of Disaster Plan of action and preparedness. 	1
9	Specific emergency satiation <ul style="list-style-type: none"> Emergencies at educational institutes and work Road and traffic accidents. 	1
10	First aid related with Gastrointestinal Tract <ul style="list-style-type: none"> Basics of The gastrointestinal system . Diarrhea, Food poisoning. 	1
11	First aid related with Nervous system and Unconsciousness <ul style="list-style-type: none"> Basics of the nervous system. Unconsciousness, Stroke, Fits – convulsions – seizures, Epilepsy. 	1
12	First aid related with Skin, Burns <ul style="list-style-type: none"> Basics of The skin. Burn wounds, Dry burns and scalds (burns from fire, heat and steam). Electrical and Chemical burns, Sun burns, heat exhaustion and heatstroke. Firs 	1
13	t aid related with poisoning <ul style="list-style-type: none"> Poisoning by swallowing, Gases, Injection, Skin 	1
14	First aid related with Bites and Stings <ul style="list-style-type: none"> Animal bites, Snake bites, Insect stings and bites 	1
15	First aid related with Sense organs <ul style="list-style-type: none"> Basic of Sense organ. Foreign objects in the eye, ear, nose or skin. Swallowed foreign objects. 	1

School of Health Sciences

Vocational Programme - 2023

Programme Name- Management of Emergencies in Health Care

Teaching Hours - Theory(15 hours) + Practical(60 hours)

Unit	Topics	Hours
	<ul style="list-style-type: none">• Recording of Blood Pressure• Monitoring respiration• Monitoring pulse rate• Temperature recording• Applying different types of bandages• Practicing various comfortable positions• C.P.R. – Basics Life Support Advanced life support• Ambulance services• Common practices in Injuries• Initial management of burn cases.• Assessment and management of poisoning• Transportation techniques of injured patients, splints and slings• Application of dressings and bandages• First aid related with bites and sOngs• Disaster management and preparedness• Emergency management of Asphyxia and chocking.	60


Course Coordinator.







