

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	First Aid
Course number	MDCN1116
Faculty	
Department	
Course type	College Needs
Course level	1
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - Understand the importance of first aid
- 2 - Demonstrate basic life support techniques: Students should be able to perform cardiopulmonary resuscitation (CPR), including chest compressions and rescue breaths, on individuals who are unresponsive and not breathing.
- 3 - Acquire knowledge of common medical emergencies
- 4 - Understand and apply appropriate first aid techniques
- 5 - Develop communication and leadership skills
- 6 - Gain knowledge of first aid equipment and resources: Students should become familiar with different types of first aid equipment, such as automated external defibrillators (AEDs), bandages, splints, and immobilization devices
- 7 - Understand legal and ethical considerations
- 8 - Develop teamwork and problem-solving skills
- 9 - Foster self-confidence and resilience

## Intended Learning Outcomes

<b>Knowledge and Understanding</b>	<ul style="list-style-type: none"><li>* recognizing common medical emergencies, understanding the physiological processes involved, and knowing how to provide appropriate initial care.</li><li>* assess and analyze emergency situations effectively.</li><li>* quick and accurate evaluation of the severity of injuries or illnesses and determine the appropriate course of action.</li><li>* identifying potential risks, making decisions under pressure, and adapting their approach based on the changing circumstances.</li></ul>
<b>Intellectual Skills</b>	<ul style="list-style-type: none"><li>* critically analyze emergency situations, assess the needs of the injured individuals, and make informed decisions regarding first aid interventions.</li><li>* attention to detail when assessing injuries or illnesses, ensuring that no critical information is overlooked and appropriate interventions are provided.</li></ul>
<b>Professional Skills</b>	<ul style="list-style-type: none"><li>* develop practical skills necessary for effective first aid intervention.</li><li>* attention to detail when assessing injuries or illnesses, ensuring that no critical information is overlooked and appropriate interventions are provided.</li><li>* be able to adapt their first aid approach to different situations, individuals, and available resources, considering factors such as the environment, equipment, and time constraint</li></ul>
<b>General Skill</b>	<ul style="list-style-type: none"><li>* develop the ability to work collaboratively with others in emergency situations</li><li>* respecting patient autonomy and confidentiality</li><li>* effectively manage emotions and empathize with the emotions of others in highly stressful and emotionally charged emergency situations.</li></ul>

## Course Contents

1	-	Basic life support in adults
2	-	Paediatric Basic life support
3	-	Defibrillation of the heart
4	-	Airway management
5	-	Life support in special situations
6	-	Trauma
7	-	Burn
8	-	Triage
9	-	Managing an accident
10	-	• Assessing a casualty
11	-	The unconscious casualty
12	-	The unconscious casualty
13	-	The unconscious casualty
14	-	Respiratory problems
15	-	Wounds and circulation
16	-	Bone, joint, and muscle injuries
17	-	Effects of heat and cold
18	-	Foreign objects, poisoning, bites & stings
19	-	Medical conditions
20	-	Medical conditions
21	-	Techniques and equipment
22	-	Emergency first aid

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## Teaching and Learning Methods

- 1 - Lectures provide a structured format for delivering theoretical knowledge and key concepts related to first aid.
- 2 - live demonstrations to illustrate the proper techniques and procedures for performing first aid interventions.
- 3 - Hands-on Practice
- 4 - Simulations and Case Studies
- 5 - Group Discussions and Debates
- 6 - Multimedia and Online Resources

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## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm exam		30 %
Final exam		40 %
Quizzes		30 %

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## Books and References

Recommended books	Emergency Medicine Manual" by David Cline and O. John Ma Advanced Cardiovascular Life Support (ACLS) Provider Manual" by the American Heart Association (AHA)
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