

Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIEED

SCIENCES



Program Anesthesia Technician

Course Specification of Medical emergency services

Course No. (05 01 849)

2024

Prepared by:	Reviewed by:	Head of the Department:	Quality Unit:	Dean
Dr. Mohmmmed AL .Akmar	Dr. Fares Mahdi	Dr.Fares Mahdi	Dr.Fadl Shujaa Al-deen	Dr. Abdulsalam Dallak

Template for Course Specification

I. Course Identification and General Information:				
1	Course Title:	Medical emergency services		
2	Course Code & Number:	05 01. 849		
3	Credit Hours:	Credit Hours	Theory Hours Lecture Field	Lab. Hours
		2	2 --	--
4	Study Level/ Semester at which this Course is offered:	Level4\2term		
5	Pre –Requisite (if any):	None		
6	Co –Requisite (if any):	None		
7	Program (s) in which the Course is Offered:	Bachelor of Anesthesia Technician		
8	Language of Teaching the Course:	English		
9	Study System:	Semester Based System		
10	Mode of Delivery:	Full Time		
11	Location of Teaching the Course:	Faculty of Medical Applied Science		
12	Prepared by:	Associate Prof. Mohmmmed AL .Akmar		
13	Date of Approval:	2024-1446 ^{Ah}		

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II. Course Description:

The Emergency Medical Services (EMS) course is designed to equip students with the essential knowledge and skills required to provide effective pre-hospital care in emergency situations. The curriculum covers a wide range of topics, including anatomy and physiology, medical and trauma emergencies, patient assessment, cardiopulmonary resuscitation (CPR), airway management, and basic pharmacology.

III. Course Intended Learning Outcomes (CILOs) : (مخرجات تعلم المقرر)

A. Knowledge and Understanding: Upon successful completion of the course, students will be able to:

a1	demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).	A1	Demonstrate the concepts and principles of anesthesia and different basic and humanities courses and its applications in anesthesia practice
a2	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital settings.	A4	Describe normal and abnormal human behaviors, structure and function of human body and identify the basics of intensive care, medical emergencies that the anesthetist and high dependency care units and how to manage patients at risk.
a3	Recognize and manage a range of medical conditions and traumatic injuries, applying appropriate interventions based on patient assessment.	A3	Recognize the full details about the basic physics and its applications in anesthesia, the equipment's and apparatus in anesthesia and critical care unit.

B. Intellectual Skills: Upon successful completion of the course, students will be able to:

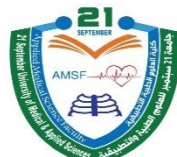
b1	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital	B2	integrate assessment data to formulate anesthesia diagnosis.
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	settings.		
b2	Demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).	B3	Synthesize knowledge derived from, medical, anesthesia, basic sciences and humanities courses into the practice of anesthesia
C. Professional and Practical Skills: Upon successful completion of the course, students will be able to:			
c1	Apply critical thinking and decision-making skills in high-pressure situations to prioritize patient care and manage emergencies effectively.	C1	Administer a range of assessment techniques, procedures and management appropriate to patient condition and maintain fluid therapy and blood transfusion.
c2	Exhibit proficient skills in basic and advanced life support techniques, including CPR, airway management	C2	Perform an approach to the assessment of risk and need for consultation for an anesthetics, identify appropriate laboratory investigations, pre-medications and fasting guidelines and Set up anesthesia machine and its connections and demonstrate appropriate application and interpretation of commonly used monitors in anesthesia preoperatively
C3	Develop skills in the use of emergency medical equipment and technology, including automated external defibrillators (AEDs), cardiac monitors, and ventilation devices.	C3	Apply the skills necessary for maintaining a patent airway, manual ventilation, intubation and mechanical ventilation. and Perform the proper technique of anesthesia (general, regional or local anesthesia)
D. Transferable Skills: Upon successful completion of the course, students will be able to:			
d1	Demonstrate knowledge of legal and ethical considerations in EMS, including patient consent, confidentiality, and the scope of practice.	D1	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork
d2	Engage in teamwork and collaboration with other	D2	Demonstrate professional, ethical, moral, legal, and spiritual concepts into one's

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	emergency responders and healthcare providers to facilitate effective care delivery.		practice within a global environment
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(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1	demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).	- Interactive lecture - Seminars and student presentations - Brain storming, role-play and simulation - Small group for discussing	- Assignments - Quizzes - Mid-term Exam - Final exam - Presentations
a2	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital settings.	- Interactive lecture - Seminars and student presentations - Brain storming, role-play and simulation - Small group for discussing	- Assignments - Quizzes - Mid-term Exam - Final exam - Presentations
A3	Recognize and manage a range of medical conditions and traumatic injuries, applying appropriate interventions based on patient assessment.	- Interactive lecture - Seminars and student presentations - Brain storming, role-play and simulation - Small group for discussing	- Assignments - Quizzes - Mid-term Exam - Final exam - Presentations
(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching			

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Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
b1	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital settings.	- Interactive lecture - Brain storming - Role-play & simulation - Small group discussions - Seminars and student presentations	- Assignments - Quizzes - Mid-term Exam - Final exam
b2	Demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).	- Interactive lecture - Brain storming - Role-play & simulation - Small group discussions - Seminars and student presentations	- Assignments - Quizzes - Mid-term Exam - Final exam
(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
c1	Apply critical thinking and decision-making skills in high-pressure situations to prioritize patient care and manage emergencies effectively.	- Active learning, - Small group learning. - Learning tasks and activities	- Assignments - Quizzes - Mid-term Exam - Final exam
c2	Exhibit proficient skills in basic and advanced life support techniques, including CPR, airway management	- Active learning, - Small group learning. - Learning tasks and activities	- Assignments - Quizzes - Mid-term Exam - Final exam
C3	Develop skills in the use of emergency medical equipment and technology, including automated external	- Active learning, - Small group learning. - Learning tasks and activities	- Assignments - Quizzes - Mid-term Exam

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	defibrillators (AEDs), cardiac monitors, and ventilation devices.		▪ Final exam
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Demonstrate knowledge of legal and ethical considerations in EMS, including patient consent, confidentiality, and the scope of practice.	▪ Classroom discussions, ▪ Problems solving ▪ Case study analysis	▪ Presentations ▪ Case Studies ▪ Learning activities
d2	Engage in teamwork and collaboration with other emergency responders and healthcare providers to facilitate effective care delivery.	▪ Classroom discussions, ▪ Problems solving ▪ Case study analysis	▪ Presentations ▪ Case Studies ▪ Learning activities

IV. Course Contents:

A. Theoretical Aspect:

No.		Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CLOs)
1	Introduction to Emergency Medical Services	○ Overview of the EMS system ○ Roles and responsibilities of EMS personnel ○ History and evolution	1	2	a1, d2

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		of EMS			
2	Medical Terminology	- Basic medical vocabulary - Understanding medical abbreviations and acronyms	1	2	a1, b1
3	Anatomy and Physiology	- Human body systems (cardiovascular, respiratory, nervous, etc.) - Basics of human anatomy - Physiology of trauma and disease	1	2	a1, b1, c1, d1
4	Patient Assessment	- Primary and secondary assessment techniques - Vital signs measurement and interpretation - Patient history taking	3	6	a1, c1, d1
5	Trauma Management	- Traumatic injuries and their assessment - Trauma protocols and treatment - Mechanisms of injury	1	2	a1, b1, c1, d1
6		Exam	1	2	
7	Medical Emergencies	Common medical conditions (e.g., cardiac, respiratory,			

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		neurological) Pharmacology and medication administration Management of chronic illnesses and acute medical situations			
8	Pulmonary Resuscitation (CPR) and Advanced Cardiac Life Support (ACLS)	Basic and advanced CPR techniques Use of AEDs (automated external defibrillators) Advanced life support protocols	3	6	a2, b2, c2, d2
9	Obstetric and Pediatric Emergencies	Care for pregnant patients Neonatal resuscitation and pediatric assessment Special considerations for treating children	2	4	a2, c2, d2
8	Behavioral Emergencies	Assessment and management of mental health crises Understanding psychiatric conditions and their implications Scene Management and Safety Establishing and	3	6	a2, c2, d2.C3

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		maintaining scene safety Communication with other emergency services ○ Managing hazardous materials and situations ○ Emergency Vehicle Operations Safe driving practices in emergency conditions ○ Navigation and route planning to an emergency scene ○ Legal and Ethical Considerations Patient consent and refusal of care ○ Legal responsibilities and liabilities ○ Ethical dilemmas in emergency care ○ Disaster Response and Mass Casualty Incidents Incident command system (ICS) ○ Triage and management of multiple casualties ○ Preparation and ○			
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		planning for disasters Field Training and Clinical Practice Hands-on training in real-world settings ○ Practicum experiences with experienced EMS personnel ○ Simulation scenarios to build skills and confidence ○ Continuing Education and Certification Requirements for licensure and certification ○ Importance of continuing medical education (CME) ○			
	Final term exam	Final term exam	1	2	a2, b2, c2, d2
Number of Weeks /and Units Per Semester			16	32	

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
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1	None			
Number of Weeks /and Units Per Semester				

C. Tutorial Aspect:				
No.	Tutorial	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	None			
Number of Weeks /and Units Per Semester				

V. Teaching Strategies of the Course:
○ Interactive lecture ○ Seminars and student presentations ○ Brain storming ○ Role-play and simulation ○ Small group discussion ○ Learning tasks and activities ○ Problems solving ○ Case study analysis

VI. Assessment Methods of the Course:
● Assignments ● Quizzes ● Mid-term exam ● Final term exam

VII. Assignments:

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No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Assignment 1: common abbreviations	W5	5	a1, b1
2	Assignment 2: drug classification	W11	5	a2, b2,
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	W5,11	10	10%	a1, b1, a2, b2
2	Quizzes 1 & 2	W3, 9	10	10%	a1, a2
3	Mid-Term Theoretical Exam	W7	20	20%	a1, b1, c1, d1
4	Final Theoretical Exam	W16	60	60%	a2, b2, c2, d2
Total			100	100%	

Written in the following order: Author, Year of publication, Title, Edition, Place of publication, Publisher.

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1. **Emergency Care and Transportation of the Sick and Injured** by Daniel J. Limmer and Michael F. O'Keefe
 - A comprehensive textbook covering fundamental topics in emergency medical care and transportation.
2. **Paramedic Care: Principles and Practice** by Bryan E. Bledsoe, Peter C. Ward, and Richard W. Zane
 - A detailed guide for paramedic students focusing on prehospital care and advanced procedures.
3. **Nancy Caroline's Emergency Care in the Streets** by Nancy Caroline
 - A classic text that covers a wide range of EMS topics, including protocols and patient management strategies.
4. **Prehospital Emergency Care** by Keith J. Parrott and Donald A. G. Tweddell
 - This book outlines the essentials of emergency medical care in prehospital situations.
5. **Advanced Medical Life Support (AMLS)** by American Academy of Orthopaedic Surgeons (AAOS)
 - Focuses on advanced assessment and treatment protocols for patients with complex medical emergencies.
6. **Pediatric Emergencies: A Practical Guide** by Lynn K. Hargrove and Elaine Z. K. Tsai
Specialized text addressing the unique challenges of managing pediatric emergencies.

○

7. **Advanced Cardiac Life Support (ACLS) Provider Manual** by American Heart Association
 - Essential resource for understanding advanced cardiovascular life support protocols.
8. **Emergency Medicine: A Comprehensive Study Guide** by Maxine A. Papadakis and Stephen J. McPhee
 - A broad overview of emergency medicine practices, useful for EMS providers.

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9. Critical Care Transport by American Academy of Orthopaedic Surgeons (AAOS)

- Comprehensive text on the principles of critical care transport for EMS providers.

10. Emergency Medical Responder: First on Scene by Edward T. Dickinson and Daniel J. Limmer

- A foundational text for understanding the role of emergency medical responders.

Websites: Online Resources:

- **National Highway Traffic Safety Administration (NHTSA)** - Provides numerous resources and guidelines related to EMS training and protocols.
- **National Registry of Emergency Medical Technicians (NREMT)** - Offers certification guidelines and resources for EMS professionals.

Professional Journals:

- **Journal of Emergency Medical Services (JEMS)** - Covers news, feature articles, and research in the field of EMS.
- **Prehospital Emergency Care** - A scholarly journal that publishes research and reviews pertaining to prehospital emergency medicine.
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X. Course Policies: (Based on the Uniform Students' By law (2007) تترك كما هي)

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.

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4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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SCIENCES

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Program Anesthesia Technician

Course Specification of Medical emergency services

code. (05 01 849)

2024

Template for Course Syllabus

i. معلومات عن أستاذ المقرر Information about Faculty Member Responsible for the Course			
الاسم Name	Dr. Mohmmmed AL .Akmar	الساعات المكتبية (أسبوعياً) Office Hours	(3 / أسبوعياً)

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الجمهورية اليمنية
وزارة التعليم العالي والبحث العلمي
جامعة 21 سبتمبر للعلوم الطبية والتطبيقية
كلية العلوم الطبية التطبيقية
وحدة التطوير وضمان الجودة

Republic of Yemen
Ministry of Higher Education & Scientific Research
21 SEPTEMBER UMAS
Faculty of Medical Applied Science
Unit of Development & Quality assurance

الخميس THU	الأربعاء WED	الثلاثاء TUE	الاثنين MON	الأحد SUN	السبت SAT	المكان ورقم الهاتف Location & Telephone No.	
						البريد الإلكتروني E-mail	
I. Course Identification and General Information:							
1	Course Title:					Medical emergency services	
2	Course Code & Number:					05 01 849	
3	Credit Hours:					Credit Hours	Theory Hours Lecture Field 2 2 -- --
4	Study Level/ Semester at which this Course is offered:					Level4\2term1	
5	Pre –Requisite (if any):					None	
6	Co –Requisite (if any):					None	
7	Program (s) in which the Course is Offered:					Bachelor of Anesthesia Technician	
8	Language of Teaching the Course:					English	
9	Study System:					Semester Based System	
10	Mode of Delivery:					Full Time	
11	location of teaching the course:					faculty of medical applied science	
12	prepared by:					dr. Mohammmed AL .Akmar	
13	date of approval:					2024-1446 ^{ah}	

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ii. course description:

The Emergency Medical Services (EMS) course is designed to equip students with the essential knowledge and skills required to provide effective pre-hospital care in emergency situations. The curriculum covers a wide range of topics, including anatomy and physiology, medical and trauma emergencies, patient assessment, cardiopulmonary resuscitation (CPR), airway management, and basic pharmacology.

course intended learning outcomes (ciolos)

a1	demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).
a2	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital settings.
a3	Recognize and manage a range of medical conditions and traumatic injuries, applying appropriate interventions based on patient assessment.
b1	explain the roles and responsibilities of emergency medical services (EMS) professionals in various pre-hospital settings.
b2	1. Demonstrate proficiency in basic life support (BLS) techniques, including CPR and the use of an automated external defibrillator (AED).
c1	Apply critical thinking and decision-making skills in high-pressure situations to prioritize patient care and manage emergencies effectively.
c2	Exhibit proficient skills in basic and advanced life support techniques, including CPR, airway management
C3	Develop skills in the use of emergency medical equipment and technology, including automated external defibrillators (AEDs), cardiac monitors, and ventilation devices.
d1	Demonstrate knowledge of legal and ethical considerations in EMS, including patient consent,

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	confidentiality, and the scope of practice.
d2	Engage in teamwork and collaboration with other emergency responders and healthcare providers to facilitate effective care delivery.

IV. Course Contents:					
A. Theoretical Aspect:					
No.		Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CLOs)
1	Introduction to Emergency Medical Services	- Overview of the EMS system - Roles and responsibilities of EMS personnel - History and evolution of EMS	1	2	a1, d2
2	Medical Terminology	- Basic medical vocabulary - Understanding medical abbreviations and acronyms	1	2	a1, b1
3	Anatomy and Physiology	- Human body systems (cardiovascular, respiratory, nervous, etc.) - Basics of human anatomy - Physiology of trauma	1	2	a1, b1, c1, d1

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		and disease			
4	Patient Assessment	- Primary and secondary assessment techniques - Vital signs measurement and interpretation - Patient history taking	2	4	a1, c1, d1
5	Trauma Management	- Traumatic injuries and their assessment - Trauma protocols and treatment - Mechanisms of injury	1	2	a1, b1, c1, d1
6		Exam	1	2	
7	Medical Emergencies	- Common medical conditions (e.g., cardiac, respiratory, neurological) - Pharmacology and medication administration - Management of chronic illnesses and acute medical situations			
8	Pulmonary Resuscitation (CPR) and Advanced Cardiac Life Support	- Basic and advanced CPR techniques - Use of AEDs (automated external defibrillators)	3	6	a2, b2, c2, d2

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	(ACLS)	Advanced life support protocols ○			
9	Obstetric and Pediatric Emergencies	Care for pregnant patients ○ Neonatal resuscitation and pediatric assessment ○ Special considerations for treating children ○	2	4	a2, c2, d2
8	Behavioral Emergencies	Assessment and management of mental health crises ○ Understanding psychiatric conditions and their implications ○ Scene Management and Safety Establishing and maintaining scene safety ○ Communication with other emergency services ○ Managing hazardous materials and situations ○ Emergency Vehicle Operations Safe driving practices in emergency conditions ○ Navigation and route planning to an	3	6	a2, c2, d2.C3

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		emergency scene Legal and Ethical Considerations - Patient consent and refusal of care ○ - Legal responsibilities and liabilities ○ - Ethical dilemmas in emergency care ○ Disaster Response and Mass Casualty Incidents - Incident command system (ICS) ○ - Triage and management of multiple casualties ○ - Preparation and planning for disasters ○ Field Training and Clinical Practice - Hands-on training in real-world settings ○ - Practicum experiences with experienced EMS personnel ○ - Simulation scenarios to build skills and confidence ○ Continuing Education and			
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Certification					
		Requirements for licensure and certification			
		Importance of continuing medical education (CME)			
	Final term exam	Final term exam	1	2	a2, b2, c2, d2
Number of Weeks /and Units Per Semester			16	32	

C. Tutorial Aspect:				
No.	Tutorial	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	None			
Number of Weeks /and Units Per Semester				

V. Teaching Strategies of the Course:
- Interactive lecture - Seminars and student presentations - Brain storming - Role-play and simulation - Small group discussion - Learning tasks and activities - Problems solving - Case study analysis

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VI. Assessment Methods of the Course:

- Assignments
- Quizzes
- Mid-term exam
- Final term exam

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Assignment 1: common abbreviations	W5	5	a1, b1
2	Assignment 2: drug classification	W11	5	a2, b2,
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	W5,11	10	10%	a1, b1, a2, b2
2	Quizzes 1 & 2	W3, 9	10	10%	a1, a2

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3	Mid-Term Theoretical Exam	W7	20	20%	a1, b1, c1, d1
4	Final Theoretical Exam	W16	60	60%	a2, b2, c2, d2
Total			100	100%	

IX. Learning Resources:

IX. Learning Resources:

Written in the following order: Author, Year of publication, Title, Edition, Place of publication, Publisher.

11. **Emergency Care and Transportation of the Sick and Injured** by Daniel J. Limmer and Michael F. O'Keefe

- A comprehensive textbook covering fundamental topics in emergency medical care and transportation.

12. **Paramedic Care: Principles and Practice** by Bryan E. Bledsoe, Peter C. Ward, and Richard W. Zane

- A detailed guide for paramedic students focusing on prehospital care and advanced procedures.

13. **Nancy Caroline's Emergency Care in the Streets** by Nancy Caroline

- A classic text that covers a wide range of EMS topics, including protocols and patient management strategies.

14. **Prehospital Emergency Care** by Keith J. Parrott and Donald A. G. Tweddell

- This book outlines the essentials of emergency medical care in prehospital situations.

15. **Advanced Medical Life Support (AMLS)** by American Academy of Orthopaedic Surgeons

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(AAOS)

- Focuses on advanced assessment and treatment protocols for patients with complex medical emergencies.

16. Pediatric Emergencies: A Practical Guide by Lynn K. Hargrove and Elaine Z. K. Tsai

Specialized text addressing the unique challenges of managing pediatric emergencies.

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17. Advanced Cardiac Life Support (ACLS) Provider Manual by American Heart Association

- Essential resource for understanding advanced cardiovascular life support protocols.

18. Emergency Medicine: A Comprehensive Study Guide by Maxine A. Papadakis and Stephen J. McPhee

- A broad overview of emergency medicine practices, useful for EMS providers.

19. Critical Care Transport by American Academy of Orthopaedic Surgeons (AAOS)

- Comprehensive text on the principles of critical care transport for EMS providers.

20. Emergency Medical Responder: First on Scene by Edward T. Dickinson and Daniel J. Limmer

- A foundational text for understanding the role of emergency medical responders.

Websites: Online Resources:

- **National Highway Traffic Safety Administration (NHTSA)** - Provides numerous resources and guidelines related to EMS training and protocols.
- **National Registry of Emergency Medical Technicians (NREMT)** - Offers certification guidelines and resources for EMS professionals.

Professional Journals:

- **Journal of Emergency Medical Services (JEMS)** - Covers news, feature articles, and research in the field of EMS.
- **Prehospital Emergency Care** - A scholarly journal that publishes research and reviews

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pertaining to prehospital emergency medicine.

X. Course Policies: (Based on the Uniform Students' By law (2007) تترك كما هي)

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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