



FACULTY FULL NAME: Abdulaziz Al Ghaseb

POSITION: Lecturer

Personal Data

Nationality | Saudi
Date of Birth | 12/1989
Department | Emergency Medical Care
Official Email | asalghaseb@iau.edu.sa

Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Excellent	Excellent	Excellent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2019	Master of Disaster and Emergency Management	Queensland university of Technology	Brisbane, Australia
2014	Bachelor of Paramedic Science	Flinders University	Adelaide, Australia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

Master	Public Health - Disaster and Emergency Management
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer – Emergency Medical Care	Saudi Arabia	Imam Abdulrahman Bin Faisal University	March, 2022
Demonstrator – Emergency Medical Care	Saudi Arabia	Imam Abdulrahman Bin Faisal University	August, 2014

Scientific Achievements



Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1.	Talal Alshammari, Saeed Alqahtani, Mohammed Al Jumaan, Rana Alameri, Abdulaziz Al Ghaseb , Bronwyn Beovich, Samer Al Haliq, Brett Williams	Saudi Healthcare Students' Perceptions and Beliefs About Immunizations: a Descriptive, Cross-Sectional Study	Medical Archives. Journal of Academy of Medical Sciences of Bosnia and Herzegovina. MED ARCH. 2022 DEC; 76(6): 458-463 DOI: 10.5455/medarh.2022.76.458-463
2.	Abdulaziz Al Ghaseb	Burden of Ischaemic Heart Disease (IHD) in Australia	International Journal of Novel Research in Healthcare and Nursing DOI: 10.5281/zenodo.17302986
3.	Abdulaziz Al Ghaseb ,	Disaster Medicine Competencies: A Review of Paramedic Students' Curriculum	International Journal of Novel Research in Healthcare and Nursing DOI: 10.5281/zenodo.14784810

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1.	Basic Medical Emergencies	EMS - 221	Labs
2.	Clinical Paramedic field Practice, Basic	EMS -315	Clinical
3.	Clinical Paramedic field Practice, Intermediate	EMS - 325	Clinical
4.	Clinical paramedic Practice Administration	EMS - 423	Clinical
5.	Paramedic Field Practice, Advanced	EMS - 415	Clinical
6.	Applied Pharmacology	EMS - 223	Lectures and labs
7.	Special Population	EMS - 411	Labs
8.	Airway & Respiratory Emergencies	EMS - 312	Labs
9.	Medical Emergencies	EMS - 311	Lectures and labs
10.	Trauma 1	EMS - 322	Labs
11.	Trauma 2	EMS - 412	Labs
12.	Critical Care Practice	EMS - 422	Labs
13.	Foundation of Paramedic Practice	EMS - 225	Labs



14.	Cardiovascular Emergencies	EMS - 321	Labs
15.	Clinical Assessment	EMS - 224	Lectures and labs
16.	Health information management system	HIMT - 314	Lectures
17.	Research project	EMS - 424	Lectures

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

<p>1. Basic Medical Emergencies (EMS – 221): This course is designed to provide the students with the emergency medical knowledge and skills necessary to care for the sick and injured in a pre-hospital setting.</p>
<p>2. Clinical Paramedic field Practice, Basic (EMS – 315):): EMT-Basic has been developed to encourage students to work as pre-hospital health care providers. It is an exploration of the foundations necessary for mastery of the basic topics of clinical practice (Basic) for the out of the hospital environment.</p>
<p>3. Clinical Paramedic field Practice, Intermediate (EMS – 325): EMT-Intermediate is an exploration of the foundations necessary for mastery of the advanced topics of clinical practice (Intermediate) for the out of the hospital environment.</p>
<p>4. Clinical paramedic Practice Administration (EMS – 423): This field experience is designed to expose the soon to graduate student to EMS related administration concepts. It will equip the student with the knowledge, experience, and methods to understand the importance and achieve these concepts. And so, the student will get familiarized with the following terms and concepts: Leadership in EMS, continuous quality improvement & quality assurance, reducing adverse events in EMS, EMS system performance measures & benchmarking in EMS, Paramedic’s legal duties, Education and EMS advocacy.</p>
<p>5. Paramedic Field Practice, Advanced (EMS – 415): This course provides the paramedic student with an opportunity to apply previously learned Advanced knowledge and skills in a supervised clinical setting.</p>
<p>6. Applied Pharmacology (EMS – 223): This course will build on Paramedics understanding of drug use and administration. Students will learn how drugs are chosen for particular effects. The pharmacological principles of pharmacokinetics, pharmacodynamics, adverse effects, contraindications and precautions will be described using examples from different drug classes. .</p>
<p>7. Special Population (EMS – 411): This course will allow the student to explore issues related to the compassionate, patient-centered care of special populations including geriatric, patients with special challenges and a variety of underserved groups. Students will learn about the functional assessment of the elderly and how to adapt their interview and physical examination techniques to the developmental, functional, educational and social level of individual patients. They will learn to identify vulnerable populations and to respond to the health disparities vulnerable groups often experience</p>
<p>8. Airway & Respiratory Emergencies (EMS – 312): Didactic theory in basic and advanced airway management to give students the chance to learn, practice and demonstrate their ability in applying many airway skills used in resuscitation. Students increase their awareness of various airway products and skills required.</p>
<p>9. Medical Emergencies (EMS – 311): This course with various medical emergencies will be presented. Description causes, complications, signs and symptoms, and prehospital management of patients with a diagnosis of medical emergencies. Establish the detailed physical examination process for medical emergencies that commonly occurs in pre & in hospital setting. Review anatomy of the structures and discuss specific findings, symptoms, and management consideration for common diseases.</p>



10. Trauma 1 (EMS – 322): Principles of Trauma Assessment and treatment priorities will be explored in this course. Trauma overview, mechanism of Injury, Injury Prevention, bleeding, soft tissue trauma and buns. This course will equip students working in the pre-hospital emergency care with foundations of knowledge to apply patient care in trauma situations. To develop knowledge and understanding of the resources available to assist a paramedic at a trauma scene.
11. Trauma 2 (EMS – 412): This course will emphasize the rapid assessment and life-threatening interventional skills in a scenario-based venue. Critical thinking skills will be sharpened by practical scenarios conducted in out-of-hospital settings. Establish the examination process for trauma emergencies that commonly occurs in pre & in hospital setting.
12. Critical Care Practice (EMS – 422): This course will prepare the student to deliver outstanding advanced critical care when moving patients from one health care facility to another via ground or air ambulance or when responding directly to the scene of a medical or trauma event. He will learn how to perform patient assessments and provide invasive out-of-hospital care.
13. Foundation of Paramedic Practice (EMS – 225): This course will provide the student with conceptual knowledge of the medical responsibility to be assumed upon program completion, Credentialing, and position placement under medical direction. Medicolegal implications will be presented. Illness and injury prevention, medical-legal issues and ethics will also be included.
14. Cardiovascular Emergencies (EMS – 321): Didactic theory and hands-on practice in this Course is designed to instruct the student in Basic ECG Interpretation, Cardiac function, electrophysiology, conduction disturbances, treatment and Resuscitation modalities will highlight in this course. Focusing in impaired cardiovascular function resulting in life threatening arrhythmias. Preparing student to clinical component related to cardiac emergencies.
15. Clinical Assessment (EMS – 224): Didactic theory in physical examination contains foundational content to guide students' approaches to history taking, interviewing, and other core assessment skills, as well as fully illustrated, step-by-step techniques that outline correct performance of physical examination.
16. Health information system management (HIMT – 314): This course introduces students the basic concepts of healthcare information system and fundamental of information systems used in healthcare. It presents in simple terms the concepts associated with current applications of computer-based technology in the healthcare environment and issues related to security and confidentiality.
17. Research project (EMS – 424): This course is an introduction to basic research methods and statistical procedures used in Emergency Medical Services research. The course will focus on research, planning, Literature review, methods of data collection, analysis display, literature citation, interpretation, and evaluation of articles in the emergency healthcare. This course will also cover fundamental concepts of evidence-based practice and overcoming barriers in the implementation of evidence-based care; how to present new trends in EMS practice and disseminate evidence to other emergency care professionals. At the end of this course student will prepare a research proposal and get IRB.

Last Update

1/12/2024