College of Remote and Offshore Medicine Foundation

Module Description

Academic Year	2021-2022
Module Code	RPP102
Module Title	RPP102 Applied Medical Sciences
Module instructor Lead	Tim Cranton
Contact email	education@corom.edu.mt
Faculty	School of Undergraduate Studies
MQF Level	6
Credit Value	ECTS: 10
Hours of Learning	250 hours
Mode of Delivery	Distance Learning
Mode of Study	Directed self-study through online materials
Language of Study	English
Pre-Requisites	None
Accreditation	Malta Further and Higher Education Authority
Maximum Students	12
Duration	1 semester
Target Audience	
This module is aimed for health science students and current health professionals wanting to gain a broader understanding of the practice of healthcare in remote, austere and resource-limited environments.	
Module Description	
This module introduces human anatomy and physiology, pathophysiology, microbiology and pharmacology and includes concepts related to basic chemistry; fluid, electrolyte, and acid-base balance; functions of cells, tissues, organs, and systems; pathophysiology; and associated medical terminology. Emphasis is placed on applying content to signs, symptoms, and treatments; and situations commonly seen by remote paramedics. Upon course completion, students should be able to demonstrate a basic understanding of the structure and function of the human body.	
Module Content	
This module provides 247 hours of online guided learning under the tutelage of our paramedic instructors focusing on anatomy, pharmacology and pathophysiology for the Remote Paramedic. There are three one hour proctored online exams. There are physician lead case studies with periodic reflective practice essays that must be submitted to our tutors. There are periodic online proctored exams that must be passed at 70% or higher.	

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Assessment

There are 10 online quizzes that must be passed at 70% or higher.
There is three final written exams.

Assessment Weighting:
Online exams: 40%
Final quizzes exams: 60%

Grades are set from the EU grading scheme: Students must get at least a Merit.

80 - 100%	Distinction
70 - 79%	Merit
55 - 69%	Lower Pass
45- 54%	Compensated Pass
0 - 34%	Lower Fail

Reading List

Core Reading List
1. Human Anatomy 6th edition, 2016
0134156412
2. Nancy Caroline's Emergency Care in the Streets (UK edition), 2016 ISBN 1284294234

Supplementary Reading List
1. Field Guide for Remote Practitioners by CoROM, 2nd edit. 2020
ISBN 9789995791308
Pathophysiology Made Incredibly Easy, 2018
1496398246