

# MTS - MILITARY STUDIES

---

## **MTS 1002 Leadership (2-1-2)**

The course of leadership is aimed at developing the leadership proficiency in cadets, and how to overcome leadership problems besides the requirements throughout his roles that involve leadership. This program includes: the general nature of leadership, human behavior, characteristics of leadership, a guide to proper leadership, leadership obstacles and solutions, leadership in battle field, leadership in high ranks, a practical application to leadership roles.

## **MTS 1102 Staff Duties (2-0-2)**

The course provides the students with an appreciation of the historic development of Air Power and the UAE Air Force into the current modern Air Force and Air Defence organisation. The students then examine the current structures, organisation and roles of the Air Force and Air Defence and the contribution towards national security. Intelligence and Security, Command and Control, Operational Assets and future developments are all discussed.

## **MTS 1112 Topography (2-0-2)**

The topography course aims at training cadets to read and use land navigation maps, compasses and GPS to navigate on the ground. The course includes different types of maps, geographic coordinate systems, land navigation, military protractor, map guidance, finding places, the exchange of visions, aerial photographs, and using GPS. Practical exercises are also organized to provide experience of night marching, and using the compass, military protractor, and GPS.

## **MTS 1123 Air Force History and Organisation (3-1-3)**

The course provides the students with an appreciation of the historic development of Air Power and the UAE Air Force into the current modern Air Force and Air Defence organisation. The students then examine the current structures, organisation and roles of the Air Force and Air Defence and the contribution towards national security. Intelligence and Security, Command and Control, Operational Assets and future developments are all discussed.

## **MTS 1133 Warfare Tactics (3-1-3)**

This course provides cadets with basic principles of the war and different stages of the war. It also includes battle skills for the section and the platoon: signals and signs, section battle movements, battle skill drills for the section, platoon battle movements, battle skill drills for the platoon; patrols: reconnaissance patrols, static patrols, combat patrols, planning & execution of patrols, patrols exercise, advance, attack, sand table description, instructions of advance & attack exercise, instructions of defense and withdrawal of forces exercise, and concludes with a final exercise.

## **MTS 2103 Aircraft Weapon Systems (2-2-3)**

This course is an introduction to military aircraft types regarding to their weapon systems including air-launched weapons and guidance method types, aircraft cannons/guns general features in addition to ammo types and their capabilities. Guided and unguided bombs and rockets studies are also included. The course covers a wide range of weapon systems and external pods either navigational or targeting pod that are used to achieve a wide range of military missions such as Air-to-Air/Air-to-Surface training/real missions by using pods such the Lockheed Martin Sniper Pod.