



# UN C4ISR ACADEMY FOR PEACE OPERATIONS (UNCAP) COURSES

**NB: Participation of female uniformed peacekeepers will be strongly encouraged in all courses.**

## CLASSROOM COURSES (ENTEBBE)

### 1. UN PKO WOMEN'S OUTREACH COURSE

- **Course Objective:** To prepare military staff officers to be deployed in UN peacekeeping operations as ICT staff officers or experts in a Force or Sector Headquarters (J6/G6/S6) and police officers as advisors to police commissioners on ICT matters.
- **Target Group:** Women military specialized in Information & Communications Technologies with rank: Captain OF2 / Major OF3 / Lt Colonel OF4 and women police specialized in Information & Communications Technologies with rank: Assistant Superintendent and above.
- **Duration:** 10-days
- **Language:** English and French
- **Pre-requisite:** Military or police staff college graduation. Language fluency in English or French. Permanent mission to UN approval required.

### 2. UN PKO ICT TRAINING-OF-TRAINERS COURSE

- **Course Objective:** To build training capacity within the Troop/Police Contributing Country (TCC/PCC) by enhancing the knowledge and skills of personnel responsible for training signals personnel deploying to UN peacekeeping missions.
- **Target Group:** Military specialized in Information & Communications Technologies. Rank of Captain OF2 / Major OF3 / Lt Col OF4
- **Duration:** 10-days
- **Language:** English and French
- **Pre-requisite:** At least two years of professional experience as signals expert in a signal's unit or a signals platoon. A minimum of one-year experience as a signal's trainer. Experience in a UN peacekeeping missions desirable. Fluency in English or French. Permanent Mission to UN approval required.

### 3. UN PKO M-PRODUCTS TRAINING OF TRAINERS COURSE

- **Course Objective:** To cultivate a cadre of expert trainers who will be proficient in conveying knowledge on the deployment, operation, maintenance, dismantling, and troubleshooting of the MCC and MPP systems.
- **Target Group:** Uniformed and civilian personnel.

- **Duration:** 10-days
- **Pre-requisite:** Prerequisites of operational knowledge in radio, satellite, network, alternative energy. Demonstrated ability to train others (endorsement and tasked by Chief FTS to conduct in-mission training).

#### 4. UN PKO MICRO-UAS TRAINING OF TRAINERS COURSE

- **Course Objective:** To prepare selected students with the necessary information and skills to understand, operate, and teach micro-UAS tactics, techniques, and procedures (TTPs) for the safe and effective use of the technology in peace operations.
- **Target Group:** Uniformed personnel deployed on peace operations, uniformed personnel who are likely to take up operational roles in peace operations and civilian personnel involved in supporting peace operations who have already completed the UN UAS Remote Pilot course, or a similar course offered by a national certifying authority such as a Civil or Military Aviation Authority. These individuals will ultimately be assigned to training other people at the mission level.
- **Duration:** 5-8 days (depending on students experience and ability)
- **Pre-requisite:** Nominated staff should have excelled in the operator course and demonstrate top-skills in m-UAS.

#### 5. UN PKO MICRO-UAS REMOTE PILOT COURSE

- **Course Objective:** The aim of this course of instruction is to provide selected students with the necessary information and skills to understand and operate micro-UAS according to the Tactics, Techniques and Procedures (TTP's) for the safe and effective use of the technology in peace operations.
- **Target Group:** Uniformed personnel deployed on peace operations, uniformed personnel who are likely to take up operational roles in peace operations and civilian personnel involved in supporting peace operations.
- **Duration:** 8-days
- **Pre-requisite:** Nominated staff should have a basic understanding of the UAS technology and should attend the UAS Foundation e-learning course, once it is made available.

#### 6. UN PKO C4ISR ORIENTATION COURSE (LAUNCH DATE MAY 2024)

- **Course Objective:** To provide military and police C4ISR officers to be deployed in UN peacekeeping missions with the knowledge of the overall UN C4SIR organization, supporting and supported services. The course is also aimed at providing evidence of the relationships and interactions amongst the various C4ISR components and the supported capabilities.
- **Target Group:** All military, police and civilian personnel in UN PKO missions that (will) have direct access to C4ISR technology. The course aims to provide a framework to

understand C4ISR technologies in the context UN Peacekeeping Operations. The course enables participants to explain which C4ISR technologies are used, and how they are implemented in an integrated manner to support implementation of the UN PKO mission.

- **Duration:** 3-days
- **Pre-requisite:** Basic ICT and Technical skills. Experience with working with C4ISR systems.

## 7. UN PKO SPECTRUM MANAGEMENT COURSE (LAUNCH DATE MAY 2024)

- **Course Objective:** To provide United Nations (UN) personnel with the fundamentals of Spectrum Management with an emphasis on Frequency Management in preparation and support of UN missions.
- **Target Group:** ICT personnel / uniformed signal officers
- **Duration:** 5-days
- **Pre-requisite:** Candidates nominated to attend this course are expected to have completed the online basics on “Introduction to Spectrum Management” Module 1 & Module 2 or equivalent training, paving the way for robust classroom interactions and applications of the learned content.

## 8. UN PKO CYBERSECURITY FOUNDATIONS (LAUNCH DATE MAY 2024)

- **Course Objective:** to enhance the cyber threat awareness and response capabilities of UN personnel, teaching them to identify, prevent, and mitigate risks to information systems and sensitive data. Participants will gain a solid understanding of cyber threats in accessible language, develop strategies for prompt threat response, and contribute to a security-conscious culture across the organization.
- **Target Group:** This course is tailored to all UN personnel, including civilian employees, contractors, volunteers, and interns. Military or police personnel assigned to the UN for a rotational period of 6 months or longer.
- **Duration:** 2-days
- **Pre-requisite:** Basic computer literacy. Familiarity with the common online communication tools and platforms used within the UN framework. Course participants must have completed the mandatory UN Information Security Foundation online course (LMS-7271) and LMS-1834. Cyber Security Awareness e-Learning Module delivery from Moodle (<https://uncap.un.org>).

## 9. UN PKO CIS PLANNING FOR PEACE OPERATIONS (LAUNCH DATE MAY 2024)

- **Course Objective:** To enable military, police and civilian staff employed in CIS leadership or advisor roles to define requirements and then plan, coordinate and manage CIS in-mission during peace operations.
- **Target Group:** Commanders and staff responsible for CIS planning of peace operations at the strategic, operational and tactical levels. UN military, police and

civilian personnel directly supporting the provision of CIS to peace operations. Field Technology Section personnel responsible for developing, delivery and managing CIS services and infrastructure on UN missions.

- **Duration:** 5-days
- **Pre-requisite:** Foundational knowledge of information and communication technologies as applied in support of military or police operations. Understanding of decision-making processes (e.g. military operations planning, project management). General appreciation of the un, peace operations and missions.

## 10. UN PKO CIS TECHNICAL INSTRUCTOR COURSE

- **Course Objective:** To enable prospective instructors to apply effective teaching methods and presentation techniques in the delivery of technical instruction. It will focus on commonly used teaching methods for CIS: skills based guided demonstrations and knowledge-based theory lessons.
- **Target Group:** TBD
- **Duration:** 5-days
- **Pre-requisite:** TBD

## E-LEARNING COURSES (TECHNOLOGY TRAINING PORTAL)

### 1. BASICS AND PREREQUISITE FOR MICRO-UAS

- **Course Objective:** Training content covers the necessary knowledge and skills to be able to follow the Micro-UAS Remote Pilot Course and receive the pilot certification. The course will provide a baseline understanding of aviation related topics, as well as specific details on the micro drones that will be handled during the course.
- **Target Group:** Civilian Staff and Uniformed Personnel
- **Duration:** Self-Paced
- **Language:** English and French
- **Pre-requisite:** None

### 2. BASICS OF RADIO OPERATIONS

- **Course Objective:** Training content covers the necessary knowledge and skills related to Radio Communications ranging from fundamental requirement for effective communications and Information Systems (CIS), to modulation and its common forms, to different types of radio antennas and so on. It provides detailed information on technical aspects of radio equipment and their functions, and covers important concepts such as radio wave propagation, the electromagnetic spectrum, electromagnetic radiations, ionospheric structure, and various factors affecting it.
- **Target Group:** Civilian Staff and Uniformed Personnel
- **Duration:** 4-hours
- **Language:** English and French
- **Pre-requisite:** None

### 3. MODULAR POWER PACK (MPP) – UNIFORMED PERSONNEL

- **Course Objective:** This course provides an overview of the functionality, key features, set-up, and deployment process of the Modular Power Pack (MPP). The course is divided into nine topics. Each topic focuses on different aspects of the MPP. The aim of this course is to enhance the knowledge of all personnel involved in dealing with the MPP at different levels and raise awareness about the MPP.
- **Target Group:** This course is developed for UN field officers who need to understand concepts related to the Modular Power Pack at a high level. This course is not targeted at technicians who need to be taught all the technical aspects of operating and maintaining the MPP. However, technicians can review this course to gather generic information and knowledge of the product.
- **Duration:** 60-minutes
- **Pre-requisite:** None

### 4. MODULAR COMMAND CENTER (MCC) – UNIFORMED PERSONNEL

- **Course Objective:** This course provides an overview of the functionality, key features, set-up, and deployment process of the Modular Command Center (MCC). The course is divided into nine topics. Each topic focusses on different aspects of the MCC. The aim of this course is to enhance the knowledge of all personnel involved in dealing with the MCC at different levels and raise awareness about the MCC.
- **Target Group:** This course is designed for UN field officers who need to understand concepts related to deployment, operations and basic maintenance of the modular command centre (MCC), including the concept of ICT systems rapid deployment, exchanging of information on planned MCC utilization in missions. This course is not targeted at technicians who need to be taught all the technical aspects of maintaining the MCC. However, technicians can review this course to gather generic information and knowledge of the product.
- **Duration:** 60-minutes
- **Pre-requisite:** None

## 5. UNITE AWARE FOUNDATION VERSION 2.0

- **Course Objective:** The UA Foundation Course is the entry course for the UA Certification Programme. This course provides an overview of Unite Aware and an introduction to its key concepts. It is a pre-requisite for the Beginner-level certification courses. It explains the importance of each application and how to access the applications via the UA Portal. Students will learn about the eLearning courses in the Certification Programme and become familiar with Unite Aware access and support procedures.
- **Target Group:** Any Staff Member who wants to learn more about Unite Aware, and particularly those who will be working with one of the core Unite Aware applications. This Foundation Course must be completed before starting the Beginner-level certification courses.
- **Duration:** 45-minutes
- **Pre-requisite:** None

## DATA ENTRY TRACK

### 6. UNITE AWARE PATROL PLANS BEGINNER VERSION 2.0

- **Course Objective:** The Unite Aware Patrol Plans Beginner Course introduces the Unite Aware Patrol Plans application and explains how to create and submit patrol plans based on operational needs of the mission.
- **Target Group:** Members of uniformed contingents and battalions/units, who are responsible to plan patrols within an area of operations in a field mission.
- **Duration:** 195-minutes
- **Pre-requisite:** Unite Aware Foundation Version 2.0

## 7. UNITE AWARE PATROL PLANS ADVANCED VERSION 2.0

- **Course Objective:** This course focuses on the relevance of the approval, validation and rejection processes before the patrols depart. Assists in managing patrol plans after they are submitted.
- **Target Group:** Individuals who have completed beginner version and have a need to delve deeper into patrol plans.
- **Duration:** 150-minutes
- **Pre-requisite:** Unite Aware Patrol Plans Beginner Version 2.0

## 8. UNITE AWARE SAGE BEGINNER VERSION 2.0

- **Course Objective:** The Unite Aware Sage Beginner Course Version 2.0 introduces the Unite Aware Incidents application at the Beginner level, and explains how to create, categorize and submit incidents and flash reports. The key concepts explained include mission taxonomy, categorization, multiple categorization, impact and location details.
- **Target Group:** Mission staff responsible for capturing events and incidents at operational centres at the battalion, sector or mission HQ level. Also appropriate for civilian staff assigned to select civilian components/sections.
- **Duration:** 215-minutes
- **Pre-requisite:** Unite Aware Foundation Version 2.0

## 9. UNITE AWARE SAGE ADVANCED VERSION 2.0

- **Course Objective:** This course focuses on the relevance of incident information before the verification and approval processes. Also, it aims attention at managing Flash Reports, grouping related incidents and generating Situation Reports
- **Target Group:** Individuals who have completed the Unite Aware Sage Beginner course who need more advanced training in SAGE.
- **Duration:** 405-minutes
- **Pre-requisite:** Unite Aware Sage Beginner Version 2.0

## VISUALIZATION TRACK

### 10. UNITE AWARE MAPS BEGINNER VERSION 2.0

- **Course Objective:** The Unite Aware Visualization (Maps) Beginner Course introduces the Unite Aware Maps application and explains how to use UA Maps to visualize and interpret operational data layers. The key concepts explained include data layers, table of contents, reading and modifying map content, using bookmarks and searching and filtering information.

- **Target Group:** Mission staff working in operations centres at the battalion, sector or mission HQ level, as well as civilian staff who have requirements for geospatial information. Also appropriate for Senior Managers and other senior decision-makers within a Field Mission.
- **Duration:** 195-minutes
- **Pre-requisite:** Unite Aware Foundation Version 2.0

## 11. UNITE AWARE MAPS ADVANCED VERSION 2.0

- **Course Objective:** This course emphasizes the importance of filtering and searching map content to refine and focus on an area of interest. Also, it directs the students' attention to the Geo-Analysis tools that can help users identify and analyse trends in an activity of interest within the mission area. In addition, the student will learn how to create custom map views and share these with their colleagues.
- **Target Group:** Students who have already mastered the basic tools and functions UA Maps and now want to take their skills to the next level, learning the most advanced features of this application.
- **Duration:** 405-minutes
- **Pre-requisite:** Unite Aware Maps Beginner Version 2.0