



UNCAP

UNITED NATIONS C4ISR ACADEMY FOR PEACE OPERATIONS



Women's Outreach
Course, September
2023, RSCE

CONTEXT

With over 67,000 authorized personnel currently deployed in often remote and high-risk locations, United Nations-supported peacekeeping operations require specialized and high-performing communication and technological capabilities to guarantee the flow of information between leadership, military, police and civilians.

The United Nations C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) Academy for Peace Operations (UNCAP) training and capacity-building vision, governance framework, strategies and future opportunities are critical aspects to consider in modern peacekeeping operations. UNCAP enhances operational capabilities, improves decision-making processes and, ultimately, contributes to more effective and successful peacekeeping missions.

OBJECTIVES

- » Support Action for Peacekeeping (A4P/A4P+) objectives.
- » Enhance preparedness of military signals, police information and communications technology (ICT) specialists and other targeted uniformed personnel prior to deployment in UN missions.
- » Increase the participation of women in UN Peacekeeping.

PURPOSE

Our purpose is to harness the power of digital technologies to provide peacekeepers with the skills and knowledge needed to effectively protect lives and contribute to a more peaceful and stable world.

MISSION

Our mission is to prepare peacekeeping personnel, as well as military and police from troop and police contributing countries, for their vital roles under the UN flag, by enhancing their operational readiness and performance in key digital technology areas.

VISION

Our vision is to be the foremost provider and preferred partner in capacity building for digital technologies, empowering peacekeepers to enhance operational readiness and effectiveness in creating a stable and secure environment, ultimately safeguarding lives and promoting global peace and security.

UNCAP TRAINING & CAPACITY-BUILDING GOVERNANCE FRAMEWORK

The governance framework for C4ISR training and capacity-building in peacekeeping operations focuses on:

- » Setting strategic oversight, monitoring performance and integrating stakeholders' perspectives to ensure value-added services and user satisfaction.
- » Transparent allocation and use of time and resources.
- » The continuous interaction between stakeholders based on the agreed terms and conditions included in the approved grants and resources.
- » Standardizing training programs and procedures. This ensures that all personnel involved in peacekeeping missions receive consistent and comprehensive training in C4ISR technologies and practices.
- » Covering various aspects of C4ISR, including command and control systems, communications protocols, intelligence gathering and surveillance techniques. The curriculum is regularly updated to incorporate technological advancements and evolving operational requirements.
- » Outlining the delivery mechanisms for C4ISR training, such as instructor-led courses, simulations, hands-on exercises and online modules. It also emphasizes the importance of practical training in real or simulated operational environments to enhance the skills and readiness of peacekeeping personnel.
- » Establishing criteria for certification and evaluation of C4ISR training. It defines the competencies and performance standards that peacekeeping personnel need to achieve and provides mechanisms for assessing their proficiency and effectiveness in utilizing C4ISR capabilities.



M-UAS Training,
October 2025,
Entebbe





PARTNERSHIP FRAMEWORK

The Academy, managed by the Department of Operational Support (DOS) and the Office of Information and Communications Technology (OICT), adopts the triangular partnership framework for the UN and its supporting Member States to provide training and capacity building assistance to uniformed peacekeepers.

APPROACH

UNCAP offers flexible opportunities to foster partnerships between troop and police contributors (TCCs/PPCs) and financial supporters of UN peacekeeping around two key objectives:

TRAIN

Provide standardized and mission-specific training on field technologies to UN military and police signals personnel:

- » **On-site training** delivery of courses at Regional Service Centre Entebbe (in-mission training, pre-deployment, train-the-trainers)
- » **Mobile Training Teams (MTTs)** provide training in missions through mobile training (induction and continuous learning)
- » **E-learning and Virtual instructor-Led training (VILT)** online training.

EQUIP

- » Procure UN-owned equipment to support training.



BENEFITS

TROOP CONTRIBUTORS

Better coordination and interoperability of contingents from different countries

FINANCIAL CONTRIBUTORS

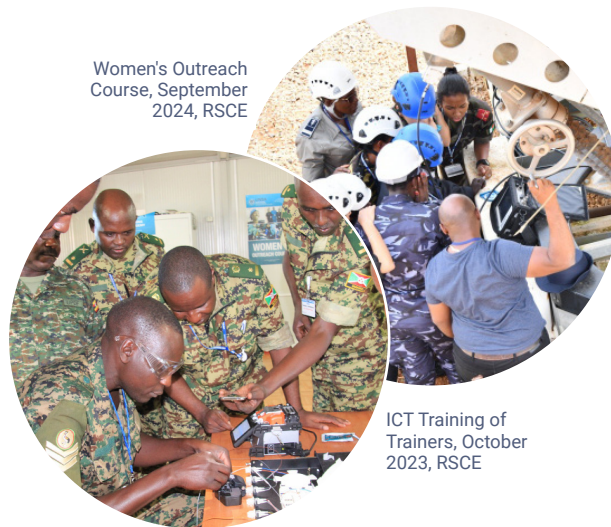
Opportunity to support the enabling capacity in peacekeeping missions

UNITED NATIONS

Enlarged pool of UN personnel with strengthened communication and technological capacities

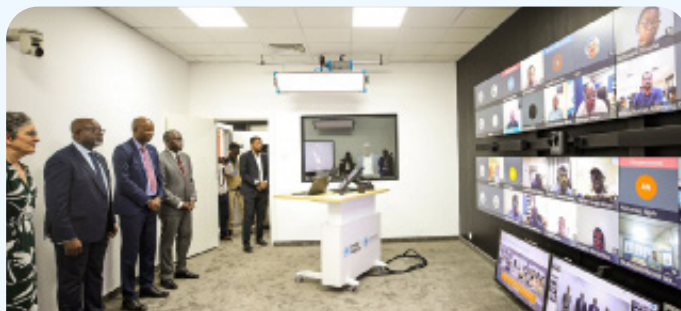
CROSS-CUTTING BENEFITS

- » Enhanced performance and efficiency of signals staff, in line with UN standard operational requirements
- » Improved gender equality among signals personnel
- » Economies of scale for missions' operations



ACHIEVEMENTS

- » Since **2016**, **30,056 (15.9% women)** military, police and civilian personnel from **153 countries** have received technology training certifications at Regional Service Centre Entebbe (RSCE) and missions, both in-person and online.
- » **15 Women's Outreach Courses** have trained **345 female ICT uniformed specialists** from **75 countries**. Of these, **246** are military personnel, **99** are police and **41** are deployed to UN field missions.
- » **E-learning and VILT in collaboration with NATO Communications and Information Agency (NCIA)** have enhanced traditional training methods, through flexibility in terms of reach, time, mobility and language. UNCAP has successfully trained **156** individuals using the VILT Room.
- » **Five new courses (UN PKO Spectrum Management, C4ISR Technology Orientation, UN PKO Cyber Security Fundamentals, UN PKO CIS Planning and CIS Technical Instructor Course)** were launched by UNCAP in 2024, delivering **114 certifications to individuals from the RSCE and eight missions**—MINUSCA, MINUSMA, MINURSO, MONUSCO, UNISFA, UNIFIL, UNMISS, and UNSOS.
- » In 2021, the Academy launched the **Micro-Unmanned Aerial Systems (M-UAS) Course**. To date, ten M-UAS Remote Pilot Course and eight M-UAS Training of Trainer courses have been hosted and the **Mobile Training Teams (MTTs)** have delivered M-UAS courses to missions including **MINUSCA, MONUSCO, UNISFA and UNSOS**, as well as other UN agencies. Through these, UNCAP has trained **167 operators** (including **14 women**) and **57 trainers** (including **4 women**) from **51 countries**.



VILT room, RSCE, Entebbe

