

Technical Sheet of the Course			
NAME OF THE COURSE:		INTERNATIONAL COURSE MILITARY DEMINING	
OBJETIVE OF THE COURSE:		To teach and Train the NATO delegated personnel in basic and specific knowledge in explosives, techniques, tactics and procedures of the Explosives and Demolitions Teams "EXDE (EOC / EOD 1) DELTA(IEDD / EOD 2)" of Colombia, training them in the location, detection, destruction, and / or neutralization of Antipersonnel Mines (MAP), Explosive Devices (AE) and Unexploded Ordnance (UXO) in order to neutralize and minimize the criminal actions of the Organized Armed Groups (GAO), in order to decrease the involvement of the troops and the civilian population, guaranteeing an atmosphere of peace and tranquility in the national territory.	
RESULTS ACHIEVED AT THE END OF THE COURSE:		The graduate of the International Course Military Demining is able to perform search, location, destruction and / or neutralization procedures for explosive devices in the rural or semi-urban area, using the techniques and tactics of the Explosives and Demolitions Teams (EXDE and EXDE DELTA) of Colombia suitable for the planning, conduction and execution of basic and intermediate explosive works that allow it to face the current and future threat, depending on the national and international defense of high citizen commitment, promoter and defender of the DDHH and DIH.	
ADDRESSED TO:		Personnel from NATO nations and partners.	
TITLE THAT IS ISSUED:		International Course Military Demining	
COURSE DURATION:		06 WEEKS	
STUDY MODE:		In Person - Total Immersion (Face-to-face learning)	
PLACE(s) OF ACTIVITY:		Colombian International Demining Centre (CIDES) PTEC OTAN	
Observations: - The start dates, as well as the end dates will be subject to changes according to the order of the Army Command. - The Bogota movements - Military Fort of Tolemaida, Military Fort of Tolemaida - Bogota, will be ordered by the DIRIE.			
CONTENTS MODULES:	MODALITY		PERMANENCY
	BASIC	OMITTED	OMITTED
CONTENTS MODULES:	MODALITY		PERMANENCY
	PROFESSIONAL GENERAL TACTICAL MODULE	Introduction to explosives	3 WEEKS
		Equipment Knowledge	
		Charge Calculations and Placement	
	PROFESSIONAL ESPECIFIC TECHNICAL MODULE	Explosive Devices	3 WEEKS
		EXDE Techniques and Tactics (EOD 1 - EOC)	
		Techniques and Tactics EXDE DELTA (IEDD / EOD 2)	
CONTENTS MODULES:	INSTITUTIONAL MODULE	OMITTED	OMITTED
	RESEARCH MODULE	OMITTED	OMITTED

RESISTANCE TESTS:	TEST	DESCRIPTION
	TEST Nº 1	Two Physical Tests during the course of the course in Tolemaida.
RESPONSABLE:	Colombia's International Demining Centre (CIDES)	
ARRIVAL DATE:	OMITTED	
1. Student Profile (Requirements of the course)		
AGE RANGE:	From 20 years to 42 years of age.	
RANK:	OFFICERS AND/OR NON COMMISSIONED OFFICERS	
LANGUAGE:	English	
IDENTIFICATION DOCUMENT:	Identity document of the country of origin.	
PERMANENCE VISA or STUDENT:	YES X	NO
VALID PASSPORT:	You must have a valid passport. For the duration of the course is 50 days, you must keep in mind the arrival and departure days of the country.	
PHOTOGRAPHIC RECORD:	(04) photos 3 * 4 blue Army Combat Uniform with cap and without cap, (01) photograph 7 * 8 blue background blue background in uniform tie, (01) photograph 7 * 8 blue background blue background in Army Combat Uniform without a cap.	
INTERNATIONAL HEALTH INSURANCE:	Each student must have in force for the permanence of the course a Medical Insurance of International coverage where it specifies to which medical entity should be attended in case of emergency if necessary, in Bogota.	
INTERNATIONAL EXEQUIAL POLICY:	Each student must have in force for the permanence of the course the International Exequial Policy where specify where to go if necessary, in Bogotá	
COURSES OR COMPULSORY REQUIRED SPECIALTIES:	The Officer or Non commissioned Officer must have at least Basic Knowledge certified in the use and handling of explosives in the military field.	
Earth physical test		
	Exercise No. 1 Flexion and extension of the arms a. Initial position: With the abdominal ulna supported by the hands and the tips of the feet together, the body should form a straight line from the head to the heels, the palms of the hands against the floor in the most comfortable position, keeping the arms perpendicular to the ground. b. Execution: In support of face to the ground, from this position, once the exercise started the timekeeper will stop the timer in 120 seconds (two minutes) the exercise will be qualified according to the <u>age table</u>. 	

CHARACTERISTICS OF THE PHYSICAL TEST OF EARTH FOR ACCESS TO THE COURSE - SPORTS UNIFORM OF THE ARMY WHICH IT REPRESENTS.

Exercise No. 2 Abs a. Initial position: The student is placed on his back, his legs are flexed at 90°, his hands are crossed on his chest, his thumbs are touching the clavicle and his back is resting completely on the ground. b. Execution: From the dorsal ulna according to the images, once the exercise has begun, the timekeeper will stop the chronometer in 120 seconds (two minutes) and must complete seventy (70) Units.



	Exercise No. 3 Two-mile race a. Initial position: Standing, the student must be in the starting line with the appropriate clothing for sports (in shorts, shirt and appropriate tennis and will be allowed to wear a sweatshirt if the weather warrants) b. Execution: The test consists of running, jogging, marching a previously measured distance of two miles (3,218 meters) without obstacles with firm, regular and compact Land, in a time of fourteen (14 ") minutes 
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2. Health Requirements

PSYCHOPHYSICAL ATTITUDE:	Be physically fit for the development of the course.
VACCINATION SCHEME:	Yellow fever.

3. LOGISTICS AND ADMINISTRATION

SERVICE	SERVICE THAT IS PROVIDED	OFFICIAL COSTS	
		DAILY	COMPLETE COURSE
FEEDING:	Breakfast - Lunch - Dinner (Monday to saturday)	\$ 3,70	\$ 133,20
	Breakfast - Lunch - Dinner (Sundays and holidays)	\$ 7,00	\$ 42,00
	Hydration course development (snack)	\$ 2,20	\$ 79,20
LODGING:	The staff will stay at cottage-style room of Military Club "Las Mercedes"	\$ 32,00	\$ 1.344,00
LAUNDRY:	The price depends on the quantity of garments available to the administration of the Military Club "Las Mercedes".	\$ 5,00	\$ 30,00
SUPPORT FOR INSTRUCTION:	Instructional support in the development of theory and practices	\$ 30,65	\$ 1.103,40
TRANSPORT:	Transport facilities CIDES - Military Club "Las Mercedes"	\$ 1,65	\$ 59,40
TOTAL - US DOLLAR (USD)			\$ 2.791,20

Observations:
-The feeding will be provided by the Official Casino of the Maintenance Battalion of Engineers for the academic days, on Sundays and holidays, each student must foresee their feeding in facilities of the Military Club "Las Mercedes".

-On Saturdays and Sundays the student will be able to eat in different restaurants, the cost of food on these two days will vary according to the student's order.

ACADEMIC AND / OR PRACTICAL VISITS	PLACES
IN THE COURSE DEVELOPMENT:	Colombian International Demining Centre (CIDES)

Observations:
Practices will be carried out in the International Demining Centre (CIDES) in the National Training Center, overnight in accommodation of the Military Club "Las Mercedes", food, refreshments and laundry will be assumed by the student, these costs are already related in the balance general.

Intendancy team per student (according to the uniform of each institution)			
No.	ELEMENT NAMES	QUANTITY	COST
1	Army Combat Uniform or Fatigue (Regulatory Army that represents complete)	3	THIS MATERIAL MUST BE BROUGHT BY THE STUDENT ONCE ACCESSED THE COURSE
2	Complete sports uniform or Army physical fitness uniform (Complete sweatshirt - shirt - shorts - tights)	1	
3	Army service uniform or formal uniform (Regulatory Army that represents complete)	1	

Elements for explosive practices				
No.	ELEMENT NAMES	QUANTITY	UNITARY COST (USD)	TOTAL COST
1	TAPE 3M	10	1,82	\$ 18,20
2	SCALPEL	10	1,55	\$ 15,50
3	LIGHTER	10	1,41	\$ 14,10
4	RIEL PER KILOS	3	2,37	\$ 7,11
5	DIPSTICK	3	4,30	\$ 12,90
6	STEEL SHEET	3	5,12	\$ 15,36
7	TRUNK OR POLLIN	3	5,12	\$ 15,36
8	RADIOS 2 METERS VHF/UHF	2	58,09	\$ 116,18
9	VEHICLE ALARM	1	53,97	\$ 53,97
10	DIGITAL TIMER	3	1,82	\$ 5,46
11	9 VOLT BATTERIES	20	4,75	\$ 95,00
12	BUZZER OR 9 VOLT SIRENS	15	3,37	\$ 50,55
13	PROTOBOARD	2	5,30	\$ 10,60
14	CHEMICAL TIN (Sn)	3	6,40	\$ 19,20
15	CAUTIN	1	10,24	\$ 10,24

16	CELLPHONE FOR MODEL	1	39,24	\$	39,24
17	SCR 106 TRIAC	5	5,55	\$	27,75
18	ACRYLIC WARNINGS 30 X 30	20	12,44	\$	248,80
19	WARNINGS DE 1.50 X 1 MTS	3	69,46	\$	208,38
TOTAL - US DOLLAR (USD)				\$	983,90
Technical and Engineering Material					
No.	ELEMENT NAMES	QUANTITY	UNITARY COST (USD)	TOTAL COST	
1	METAL DETECTOR *	1	4.397	\$ 4.396,70	
2	PIEZA DE PRUEBA *	1	27,5	\$ 27,50	
3	RECHARGEABLE BATTERY SET FOR EACH DETECTOR *	2	1,0	\$ 2,00	
4	BATTERY CHARGER *	1	19,24	\$ 19,24	
TOTAL - US DOLLAR (USD)				\$	4.445,44
4. DESK ELEMENTS					
No.	ELEMENT NAMES	QUANTITY	COST		
1	Scalpel	1	THIS MATERIAL MUST BE BROUGHT BY THE STUDENT ONCE ENTERING THE COURSE		
2	Blue ink pen	2			
3	Black ink pen	2			
4	Red ink pen	2			
5	Cream Eraser	1			
6	Ink eraser	1			
7	Calculator	1			
8	Laptop	1			
9	Black pencil	1			
10	Erasable markers several colors	3			
11	Scale rule	1			
12	Letter size paper ream	1			
13	Official size paper ream	1			
Observations: - This material can be get by the student throughout the course within the facilities of the Military Fort of Tolemaida.					
5. Health and Personal Hygiene					
No.	ELEMENT NAMES	QUANTITY	COST		
1	Sunscreen	1	THIS MATERIAL MUST BE BROUGHT BY THE STUDENT ONCE ENTERING THE COURSE		
2	Insect Repellant	1			
3	Black bag to store the elements of embedding	1			
4	Shines metal	1			
5	Lip Balm	1			
6	Embedding Brushes (large and small)	2			
7	Shampoo	1			
8	Shaving cream	1			
9	Toothpaste	2			
10	Razor blades	6			
11	Deodorant	2			
12	Bath soap	2			
13	Toilet paper	2			
14	Dental Floss	1			
15	Powder for feet	1			
Observations: - This material can be get by the student throughout the course within the facilities of the Military Fort of Tolemaida. - Remember that the course will take place in an environment whose temperature ranges between 30 to 35 degrees Celsius.					

6. Elements of the personal Checking			
No.	ELEMENT NAMES		
1	Identification elements Passport	1	
2	Identification elements VISA	1	
3	Identification elements ID (identity document)	1	
4	File for identification during the course in the military unit.	1	\$ 6,80
5	Identification bracelets	1	\$ 2,00
TOTAL - US DOLLAR (USD)			\$ 8,80
7. Expenses in the development of the course per student			
Approximate value per student in US DOLLAR (USD)		STUDENT	\$ 3.783,90
8. Additional Information			
1	ENTRY PROFILE	Officers, Non Commissioned Officers and/or Personnel from NATO nations and partners	
2	OUTPUT PROFILE	INTERNATIONAL COURSE MILITARY DEMINING	
3	COURSE SUBJECTS	1. Introduction to explosives 2. Equipment Knowledge 3. Calculation of charges 4. Explosive Devices 5. EXDE Techniques and Tactics 6. Techniques and Tactics EXDE (EOC / EOD 1) DELTA(IEDD / EOD 2)	
4	CREDITS	15	
5	TOTAL COURSE HOURS	620	

NOTE: * Material provided by the School for the development of the course.
 ** Material that must be purchased at the School for uniformity.
 Material that the student must bring
 - The UVR (Real Value Unit) rate to be used for the dollar to peso conversion is \$3900COP Colombian pesos.



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