



# ARMY LOGISTICS ACADEMY



## OFF-ROAD MOTORCYCLE DRIVING SEMINAR

DRIVING AND SAFETY ROAD DEPARTMENT OF THE SPANISH ARMY

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CALATAYUD, SEPTEMBER 8th



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# WHERE WE ARE...



## CALATAYUD.

**25,000 inhabitants.**

250 kms from Madrid

400 Kms from BCN.

90 KM from ZGZ

**High Speed Train Station:**

1 hr from Madrid

2 hrs from BCN

20' from ZGZ





# WHERE WE ARE...

## THE ARMY LOGISTICS ACADEMY



Surface: 227.700 sqm.  
Perimeter: 2.700 m.



# WHO WE ARE...



**TEMPLATE:      4 Of,s ( 1 Ltc + 3 Maj.) + 9 NCO,s : 13 PAX**



## WHAT WE DO...

- **DRIVING SCHOOL TEACHER DIRECTOR COURSE.**

( 5 MONTHS “ONLINE” + 2 MONTHS “FACE TO FACEL PHASE” )



- **DRIVING SCHOOL INSTRUCTOR COURSE.**

( 3 MONTHS “ONLINE” + 1 MONTH “FACE TO FACE PHASE” )



- **ADVANCED DRIVING INSTRUCTOR COURSE.**

( 3 MONTHS “ONLINE” + 2 MONTHS “FACE TO FACE PHASE” )





## WHAT WE DO...

- **WINTER OFF-ROAD DRIVING SEMINAR**  
(1 Week).



**OFF-ROAD DRIVING SEMINAR (1 Week).**

- **RESCUE OF VICTIMS IN A TRAFFIC COLLISION**  
(2 Weeks)





# OFF-ROAD MOTORCYCLE DRIVING SEMINAR







# OFF-ROAD MOTORCYCLE DRIVING SEMINAR

## ROAD SAFETY (ELEMENTS FOR ANALYSIS)

### 1. THE WAY:

OFF-ROAD / NO CONVENTIONAL ROADS → **HIGH RISK**

### 2. THE VEHICLE:

2-WHEEL VEH > **RISK** THAN 4-WHEEL VEH.

### 3. THE HUMAN FACTOR.

“A” DRIVING LICENSE **IS NOT ENOUGH**  
FOR DRIVING A OFF-ROAD MOTORCYCLE.





# OFF-ROAD MOTORCYCLE DRIVING SEMINAR

## DATA FOR ANALISYS

MOTORIST ACCIDENT REPORT (2017).

Source: DGT 2017

- 102.233 Traffic Accidents. 34.739 motorcycle involved **(34 %)**.
- 140.992 victims. 36.696 motorcycle drivers involved **(20 %)**.
- 1259 Deads. 277 motorcycle drivers involved **(22 %)**.
- Vehicles (2017):
  - Motorcycle: 5.288.571
  - Others: 29.142.244

**15,36 %** of the total of vehicles



# OFF-ROAD MOTORCYCLE DRIVING SEMINAR

## DATA FOR ANALISYS

- **NUMBERS OF OFF-ROAD MOTORCYCLES IN THE ARMY:**



**260 (240 SUZUKI DR-Z400S)**

- **NUMBERS OF DRIVERS WITH “A” MILITARY DRIVING LICENSE: 112 PAX.**

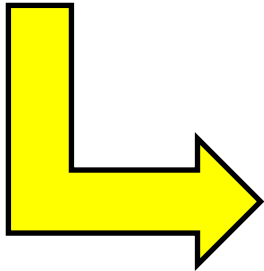
**¿ 112 DRIVERS / 260 MOTORCYCLES ?**





# OFF-ROAD MOTORCYCLE DRIVING SEMINAR

As a consequence of the **perception of a high accident rate** and the lack of experience concerning off-road motorcycle drivers in the Army, the use of this type of vehicle is very restricted, affecting their wide possibilities in tactical operations.



CCSV (Driving and Safety Road Center) has been working on an OFF-ROAD driving motorcycle seminar in order to:

- Increase the command's confidence in the use of this type of vehicle.
- Develop and publicize the possibilities of using this type of vehicles in the Army for Tactical Operations.
- Improve the skills of drivers of this type of vehicle.
- Train the trainers on off-road motorcycles driving.





## CAPABILITIES / TACTICAL USES

- **HIGH TACTICAL MOBILITY.**
- **HIGH CAPACITY OF HIDING / DISCRETION**
- **EASY TO BE TRANSPORTED OR LAUNCHED BY PLANE**



- **SIGNAL UNITS:**
  - Messenger.
- **RECCO UNITS:**
  - Reconnaissance.
  - Protection.
  - Marking the roads.
- **MILITARY POLICE UNITS:**
  - Protection.
  - Escort.
  - Marking the roads.
- **SPECIAL OPS FORCES:**
  - Reconnaissance
  - Infiltration ops.
  - Obtain INFO
- **MEDICAL UNITS:**
  - Rescue of injured people in hard-to-reach areas.



# OFF-ROAD MOTORCYCLE DRIVING SEMINAR

2 WEEKS	Hours
THEORY	8
PRACTICE	52
TOTAL	60



LESSON	TOPIC	THEORY	PRACTICE	TOTAL
	OPENING OF THE SEMINAR AND ADMINISTRATIVE ISSUES	0,5	-	0,5
1	BASIC THEORY / FIRST CONTACT	1	-	1
2	OFF-ROAD MOTORCYCLE MAINTENANCE	1	5	6
3	BASIC OFF-ROAD DRIVING TECHNIQUES	2	12	14
4	STUDIES OF THE DIFFERENT SURFACES / TRACTION	0,5	5	5,5
5	SPECIAL OFF-ROAD DRIVING TECHNIQUES / PASSAGE OF OBSTACLES	1	5	6
6	OFF-ROAD CIRCUIT	0,5	9	9,5
7	DRIVING ON DIFFERENT SURFACES	-	14	14
8	STOWAGE AND TRANSPORT	-	2	2
	LESSONS LEARNED	1	-	1
	CLOSURE	0,5	-	0,5
		<b>8</b>	<b>52</b>	<b>60</b>



# OFF-ROAD MOTORCYCLE DRIVING SEMINAR



## REQUIREMENTS TO PARTICIPATE IN THE COURSE:

- Driving License “A2”.
- Off-Road Driving Motorcycle previous experience.
- Good health and be fit.
- Pedagogical ability (Train the trainers Seminar).
- **PAX: 10**



# ANY QUESTIONS?

