

# MCCC Entrance Exam Study Guide

As of 14 FEB 2024

## References:

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ADP 1-01	ADP 3-0	ADP 3-90	ADP 6-22
FM 1-02.1	FM 1-02.2	FM 3-0	FM 5-0
FM 3-90	ATP 2-01.3	ATP 3-21.10	

**World Wide Equipment Guide (Link: <https://odin.tradoc.army.mil/WEG>)**

- A. **Doctrinal Concepts** Student must be able to define the following concepts as well as their subcomponents/steps (if applicable):
- a. Levels of War (ADP 1-01)
  - b. Decisive Point (ADP 3-0)
  - c. Elements of Combat Power and the Warfighting Functions (ADP 3-0)
  - d. Characteristics of the Defense (ADP 3-90)
  - e. Characteristics of the Offense (ADP 3-90)
  - f. Steps of Engagement Area Development (ADP 3-90)
  - g. Forms of the Defense (ADP 3-90)
  - h. Forms of Maneuver (ADP 3-90)
  - i. Fundamentals of Reconnaissance (ADP 3-90)
  - j. Fundamentals of Security (ADP 3-90)
  - k. Offensive Tasks (ADP 3-90)
  - l. Types of Defensive Operations (ADP 3-90)
  - m. Types of Offensive Operations (ADP 3-90)
  - n. Types of Reconnaissance Operations (ADP 3-90)
  - o. Types of Security Operations (ADP 3-90)
  - p. Army Values (ADP 6-22)
  - q. Tenets and Imperatives of Multidomain Operations (FM 3-0)
  - r. Commander's Critical Information Requirements (FM 5-0)
  - s. Five Paragraph Operations Order Format (FM 5-0)
  - t. Mission Statement (FM 5-0)
  - u. Mission Variables (FM 5-0)
  - v. Principles of Mission Command (FM 5-0)
  - w. Steps of MDMP (FM 5-0)
  - x. Troop Leading Procedures (FM 5-0)
  - y. Types of Written Orders (FM 5-0)
  - z. Breaching Fundamentals (FM 3-90)
  - aa. Breaching Tenets (FM 3-90)
  - bb. Forms of Contact (FM 3-90)
  - cc. Movement Formations (FM 3-90)
  - dd. Movement Techniques (FM 3-90)
  - ee. Principles for Direct Fire Planning and Control (FM 3-90)
  - ff. Tactical Framework (FM 3-90)
  - gg. Civil Considerations Characteristics (ATP 2-01.3)
  - hh. Military Aspects of Terrain/OAKOC (ATP 2-01.3)
  - ii. Military Aspects of Weather (ATP 2-01.3)
  - jj. Steps of IPB (ATP 2-01.3)
  - kk. Weapons Control Status (ATP 3-21.10)

- B. Tactical Mission Tasks, Obstacle Effects, Graphic Control Measures:** Students must be prepared to define and identify the graphical depictions of the following: (Reference FM 1-02.1 and FM 1-02.2)

**Tactical Mission Tasks**

Ambush	Attack by Fire	Block	Breach
Bypass	Canalize	Clear	Contain
Control	Counterattack	Delay	Destroy
Disengage	Disrupt	Exfiltrate	Fix
Follow and Assume	Follow and Support	Interdict	Isolate
Neutralize	Occupy	Passage of Lines	Relief in Place
Retain	Retirement	Screen	Secure
Seize	Support by Fire	Suppress	Turn
Withdraw	Withdraw Under Pressure		

**Obstacle Effects**

Block	Disrupt	Fix	Turn
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**Graphic Control Measures**

Axis of Advance	Checkpoint	Contact Point	Decision Point
Final Protective Fire	Lane	Line of Departure	Linkup Point
Observation Post	Phaseline	Target	TRP

- C. U.S. Weapon Systems:** Students must be able to visually identify the following weapon systems and vehicles, discuss capabilities including size of round, maximum range, effective range (point and area, where applicable), crew size, and graphical depiction. (Reference FM 1-02.2 and appropriate technical manuals which can be found in ASIP)

M4A1	M320	M249	M240
M2 .50 Cal	Mk19	M3/M4 MAAWS	M119
M107 Rifle	AT-4	ITAS/TOW	Javelin
M110 SASS	M120 120mm Mortar	M252 81mm Mortar	M224 60mm Mortar
M1A3 Abrams	M2 Bradley Family	Stryker Family	JLTV family
M113 Family	Assault Breacher Vehicle	M9 ACE	Joint Assault Bridge
M777	Avenger	AH-64	UH-60

- D. Threat Weapon Systems:** Students must be able to visually identify the following weapon systems and vehicles, discuss capabilities including size of round, maximum range (point and area, where applicable), crew size, and graphical depiction. (Reference FM 1-02.2 and ODIN)

**Chinese Weapon Systems**

QBZ-95	QBB 95	Type 80	QJZ-89
QLZ-04	QLZ-87	PF-89	PF-98
HJ-8	HJ-12	Type 86	CSK-131
CSK-141	PP 89	PCP-001	PLL-05
ZBD-04A	Type 99 MBT	QW-2	Z-10

### Russian Weapon Systems

AK-74M	PKP Pecheneg	Kord	AGS-40
RPG-7	RPG-29	RPG-30	9M133 Kornet
MT-LB	BMP Family	BTR Family	BRDM Family
T-72	T-80	T-90	2S19 Msta-S
BM-21	BM-27	BM-30	2B14 Podnos
2B11	9K333 Verba	2K22 Tunguska	SA-22
MI-24 Hind	KA-52 Kamov	Orlan-10	SU-25 Frogfoot

E. **Unit Symbols:** Students must be able to identify proper unit symbols (Reference FM 1- 02.2):

IBCT Infantry Battalion/Company/Platoon (Including Airborne and Air Assault)  
IBCT Weapons Company  
IBCT Mortar Section/Platoon  
ABCT CAB  
ABCT Infantry Company/Platoon ABCT Armor Company/Platoon  
ABCT Mortar Section/Platoon  
SBCT Infantry Battalion/Company/Platoon  
SBCT Mortar Platoon/Section  
Cavalry Squadron (IBCT, ABCT, and SBCT)  
Cavalry Troop (IBCT, ABCT, and SBCT)  
Reconnaissance Platoon (IBCT, ABCT, and SBCT)  
CA Teams  
MISO teams  
Special Forces units  
Rocket and tube artillery units  
Air Defense Artillery Units  
Engineer Battalion/Company/Platoon  
Chemical/Biological/Radiological/Nuclear (CBRN) Units  
Unmanned Aircraft Systems