



# Maneuver Center of Excellence Update

## MG Robert B. Brown



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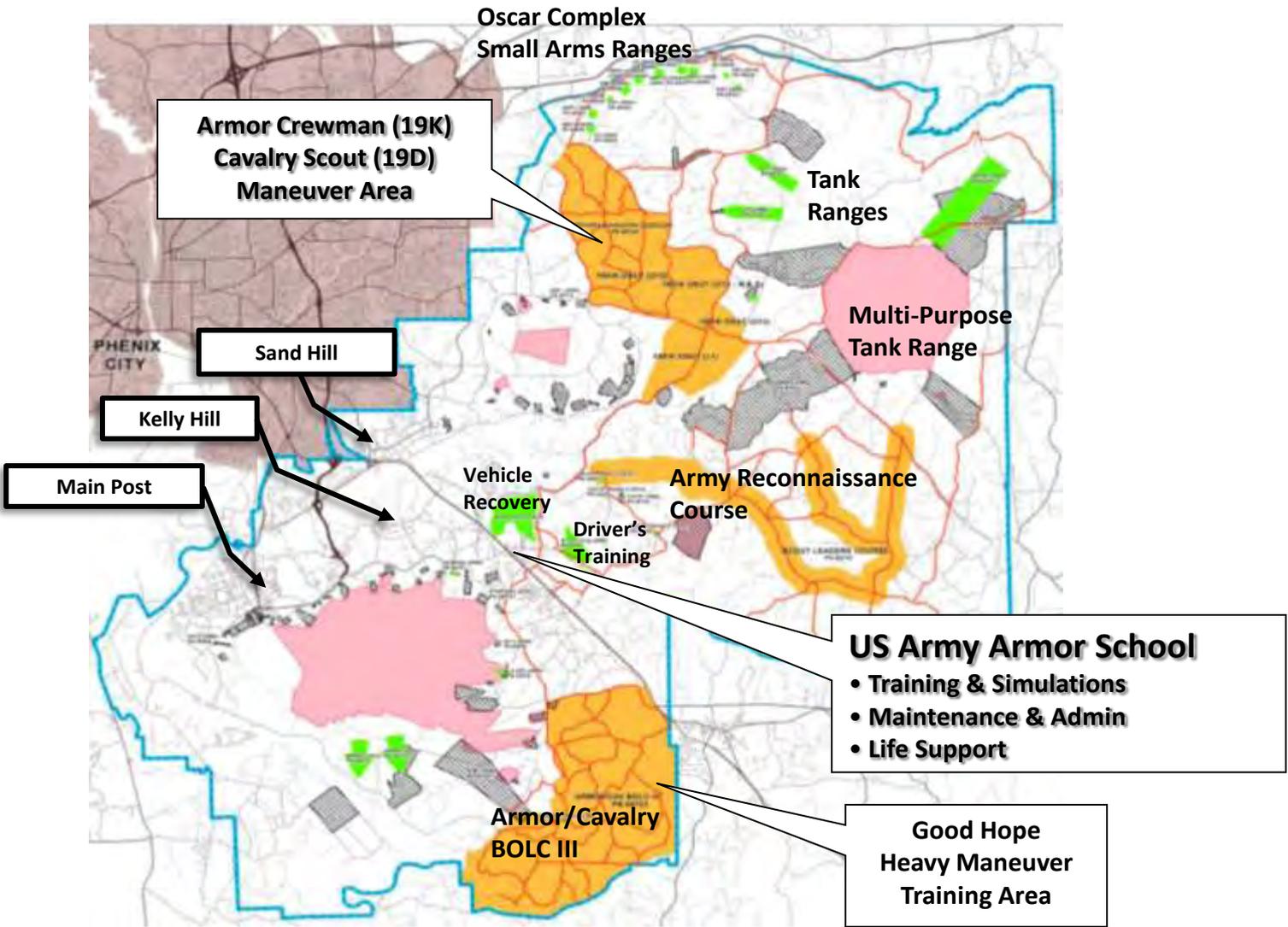


# Maneuver Training Area and Ranges



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- New Range Projects
- Current Ranges
- New or improved Maneuver Corridors
- Impact Area (Dudded)
- New or Improved Roads and Tank Trails





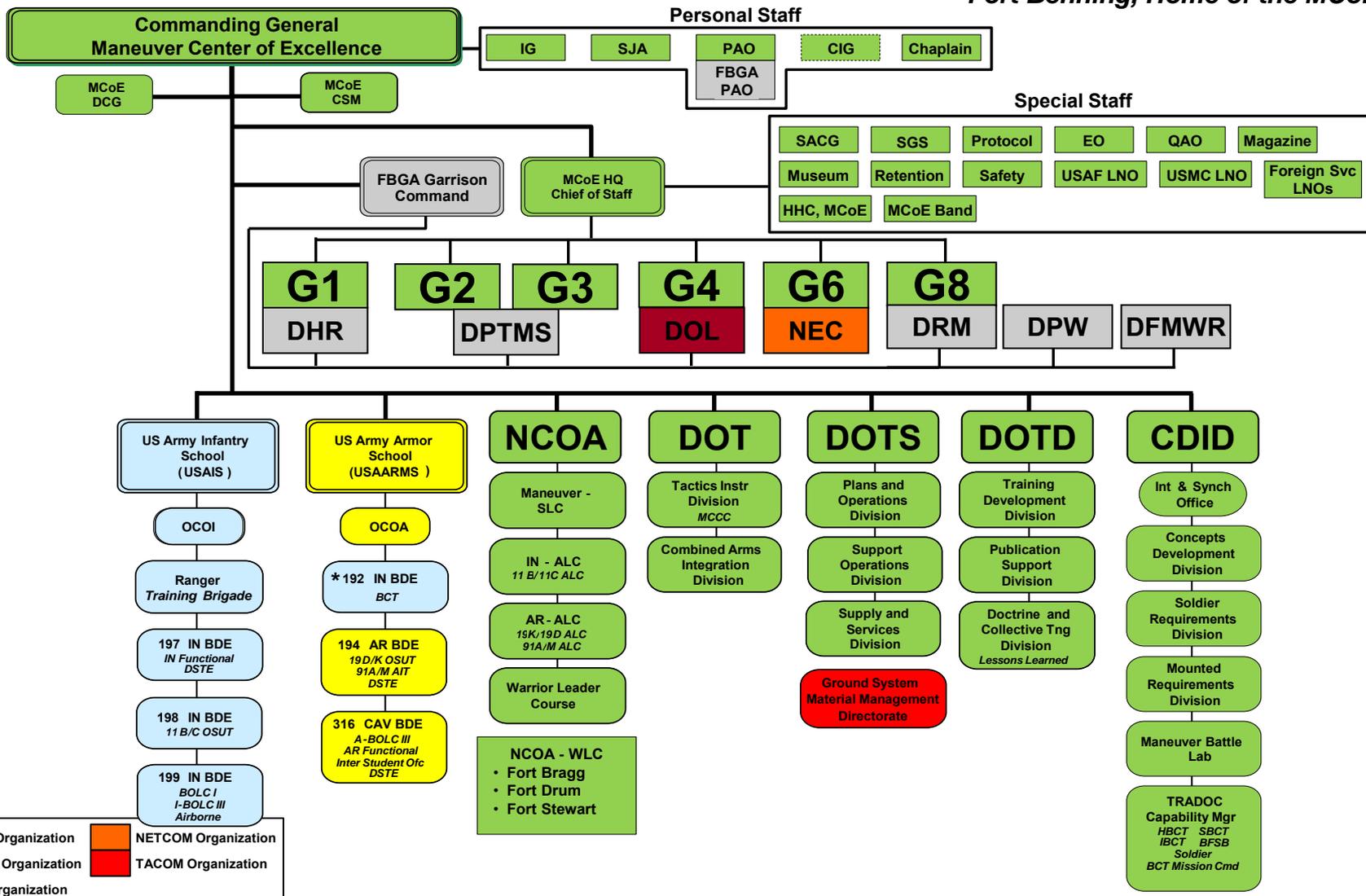
# MCoE



## Organizational Construct

V6.0 (as of 1 FEB 2011)

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# Strategic Themes



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- **Combined Arms Maneuver/  
Wide Area Security**
- **Blended Training**
- **Tactical Small Unit (TSU)**
- **Leader Development**



# Proposed LOEs for the MCoE Campaign Plan

Prepare the MCoE to train the Maneuver Force in FY 2013 and beyond

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## Institutional Adaptation

- MCoE Organizational Review (G3)
- Functional POI Review /Adjustments FY12-FY15 (DOTD)
- MCoE 100% POI Review (DOTD/USAARMS/USAIS)
- MCoE FY 13 TDA Review (G8)
- MCoE FY 12-13 Budget Requirements Review (G8)
- Synch RA with other CoEs (G3)

## Training, Leader Development, and Doctrine

### The Army Training Concept | The Army Profession and Ethic | The Army Learning Concept | The Army Leader Development Strategy

- Develop, Formalize, and Integrate the Blended TNG Model (DOTD)
- Develop the CTC Home Station TNG Strategy (G3)
- Integrate Profession Of Arms Campaign into Training (DOTD)
- Implement TNG of ALC 2015 Delivery Model (DOTD)
- Synch Functional Training Courses and PME with ARFORGEN (G3)
- Develop Movement and Maneuver Doctrine (DOTD)

## Initial Military Training

### Relevant, Rigorous, Standardized, Consistent, & Timely Initial Military Training

- Effective, efficient standardized & relevant T&E in IET (USAARMS/USAIS)
- Effective, efficient standardized & relevant T&E in BOLC (USAARMS/USAIS)
- Integrate the Blended TNG Model Into IMT (DOTD)

## Capabilities

### Lead and Validate Force Modernization Requirements

- Integrate Force Modernization Requirements (CDID)
- Support Integrated Network Evaluation (CDID/MCoE)
- Develop a Network Capability for TSU (CDID)
- Develop the GCV (CDID)
- Abrams, Bradley, Stryker Modernization (CDID)
- Integration of Capabilities across BCTs (CDID)

## Sustain Soldiers, Civilians, & Families

### Sustain Soldiers, Civilians, & Families

- Advocate Family Readiness and Resiliency (FBGC/G1/G3)
- Promote Force Readiness, Resiliency, Fitness, and Wellness (FBGC/G1/G3)
- Implement Civilian Workforce Transformation (G1/FBGC)
- Maintain FBGA CHPA (G1/FBGC)
- Support BHPC (G1/FBGC)
- Integrate Resiliency Training Into POIs (DOTD)
- Ensure Key Personnel Attend MRT to meet Army Standards (DOTD)



# Relationship of CAM & WAS To Full Spectrum Operations



MCoE

## FSO

- Offense
- Defense,
- Stability & Support Operations

## CAM

- Application of the elements of combat power
- Defeat enemy ground forces,
- Seize, occupy, & defend land areas,
- Achieve physical, temporal, & psychological advantages,
- Preserve freedom of action

## WAS

- Application of the elements of combat power
- Protect the population & forces
- Infrastructure & activities
- Deny the enemy positions of advantage
- Consolidate tactical and operational gains





**Live**



**Virtual**

**Blended Training**

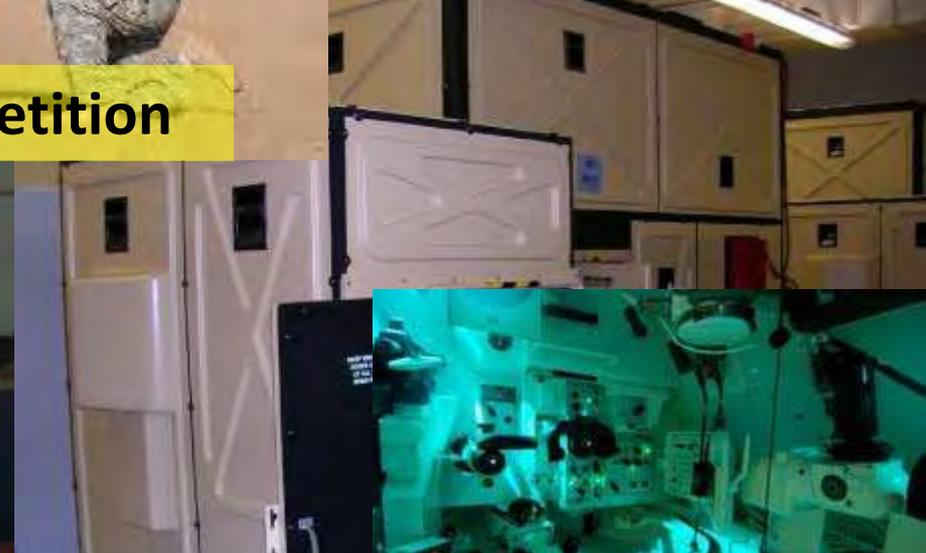


**Repetition**

**Model**



**Constructive**



**Gaming**

















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# Armor Update

**BG Ted Martin**

Commandant, The Armor School

45<sup>th</sup> Chief of Armor



# Secretary of Defense on Armor

USMA, 25 FEB 2011



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**“...The need for heavy armor and firepower to survive, close with, and destroy the enemy will always be there, as veterans of Sadr City and Fallujah can no doubt attest...”.**



**Secretary Gates**



# The Riddle of Armor



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Ten years of war has destroyed the fairy tale of the “faster, lighter, quicker” war and replaced it with the reality that soldiers need “protected mobility, overwhelming firepower, and precision engagement capability. ”

**The Dream...**



**The Reality of War...**





# The Nature of Things...

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# Typical Patrol... Armor, Infantry, or Cavalry



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**Mounted Maneuver...more now than ever before...**



# The Libyans didn't get the word that the tank has no role on the modern battlefield...



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# The Egyptians didn't get the word that the tank has no role on the modern battlefield...



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# The Bahrainis didn't get the word that the tank has no role on the modern battlefield...



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# We needed, and used, Tanks in Fallujah



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# We needed, and used, Tanks in Sadr City



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# We will always need The Tank...



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# The Armor Force Today....

General Patton would be surprised  
where Armor and Cavalry Soldiers  
are Serving Today....

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# ARMOR AND CAVALRY 2004 ACTIVE COMPONENT



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# ARMOR AND CAVALRY 2011 ACTIVE COMPONENT



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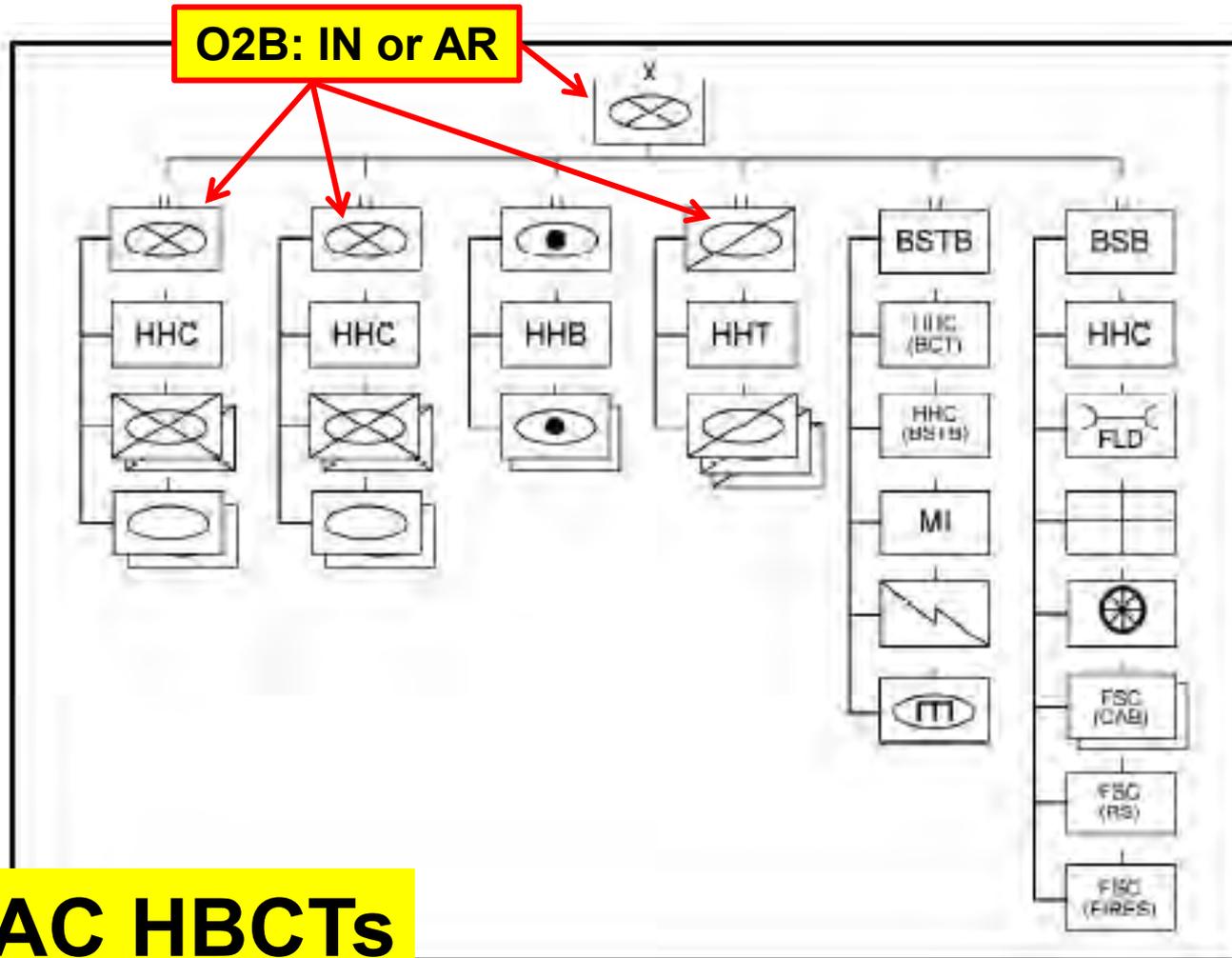




# Heavy Brigade Combat Team



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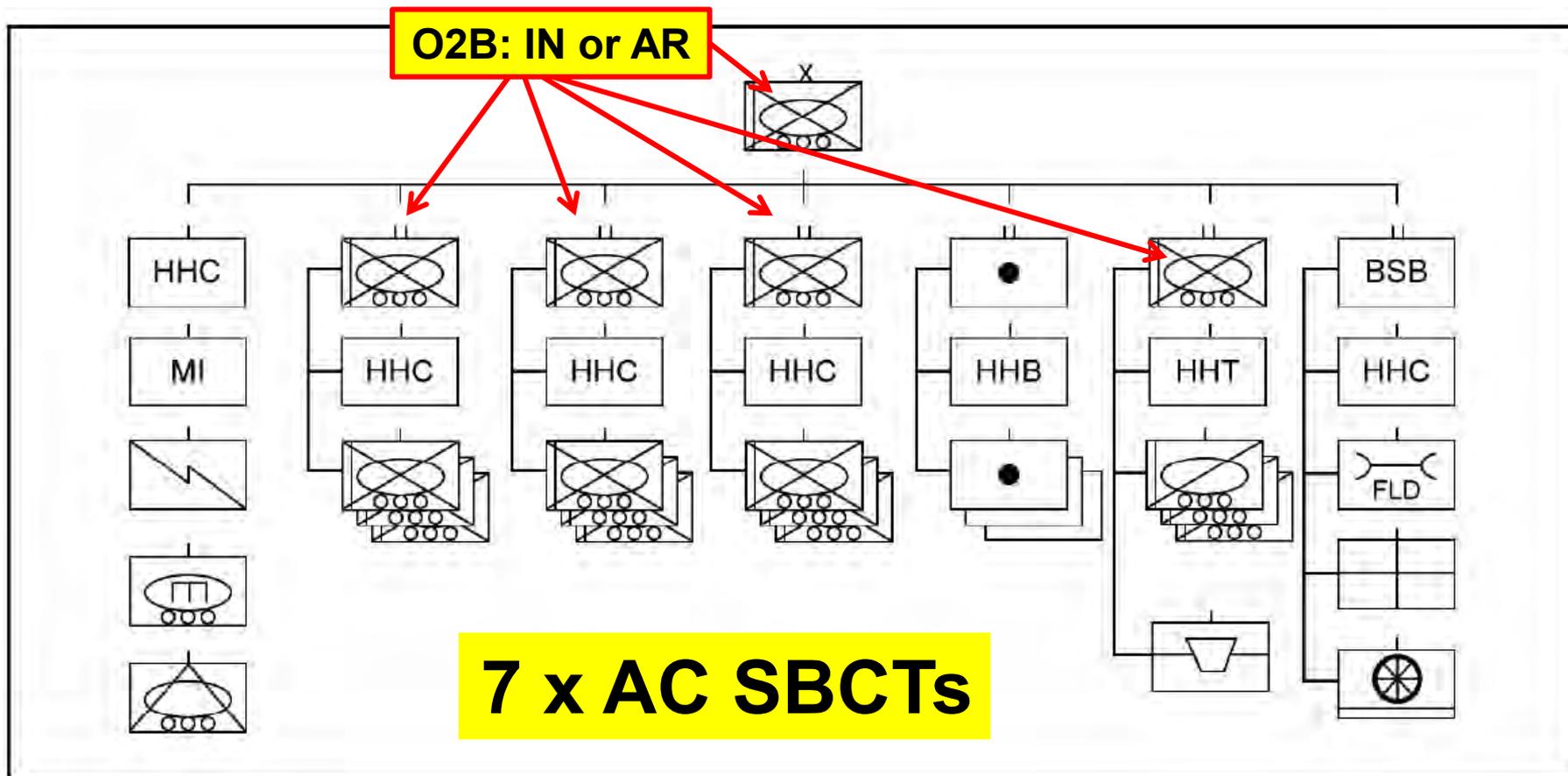


**17 x AC HBCTs**

# Stryker Brigade Combat Team



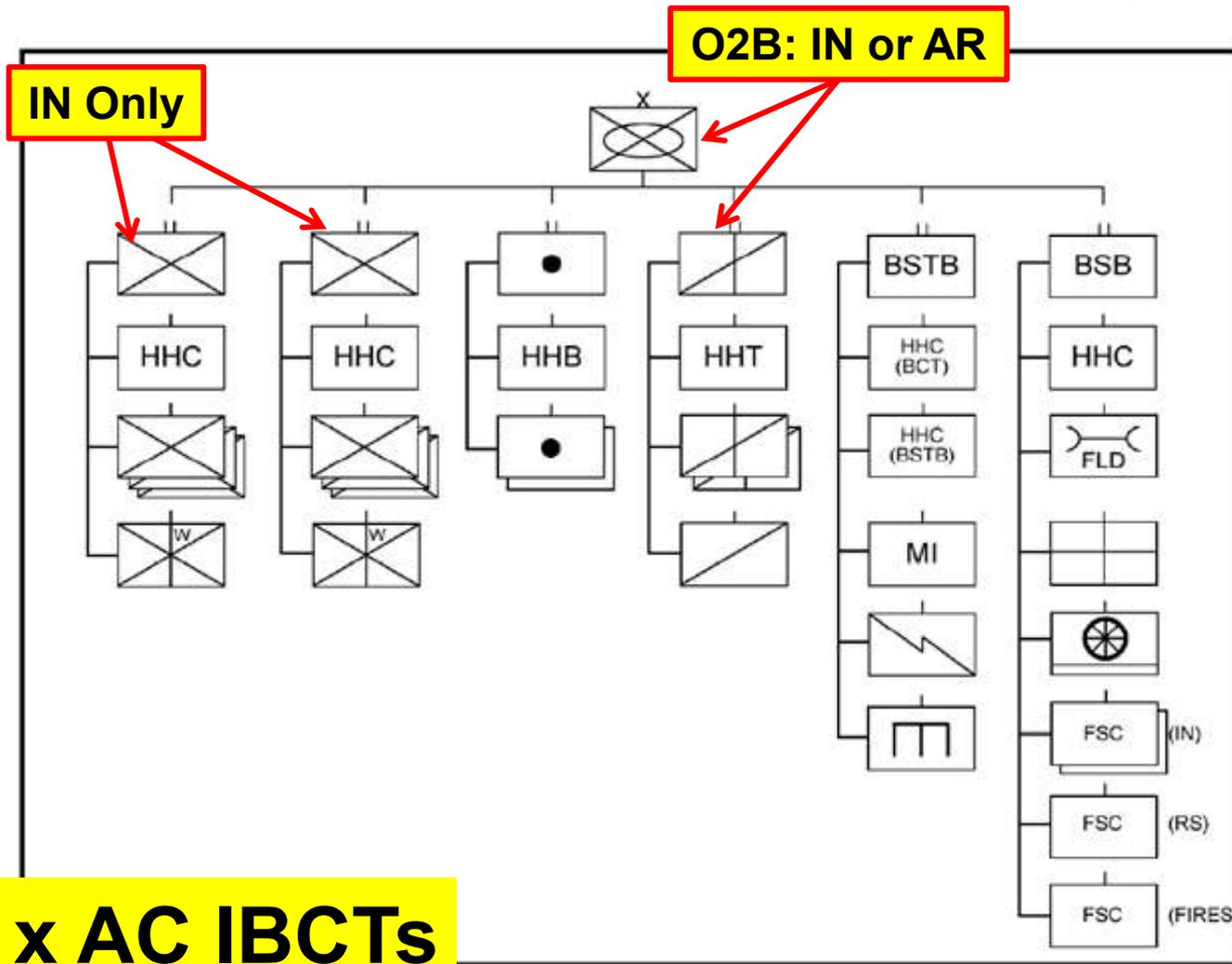
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# Infantry Brigade Combat Team



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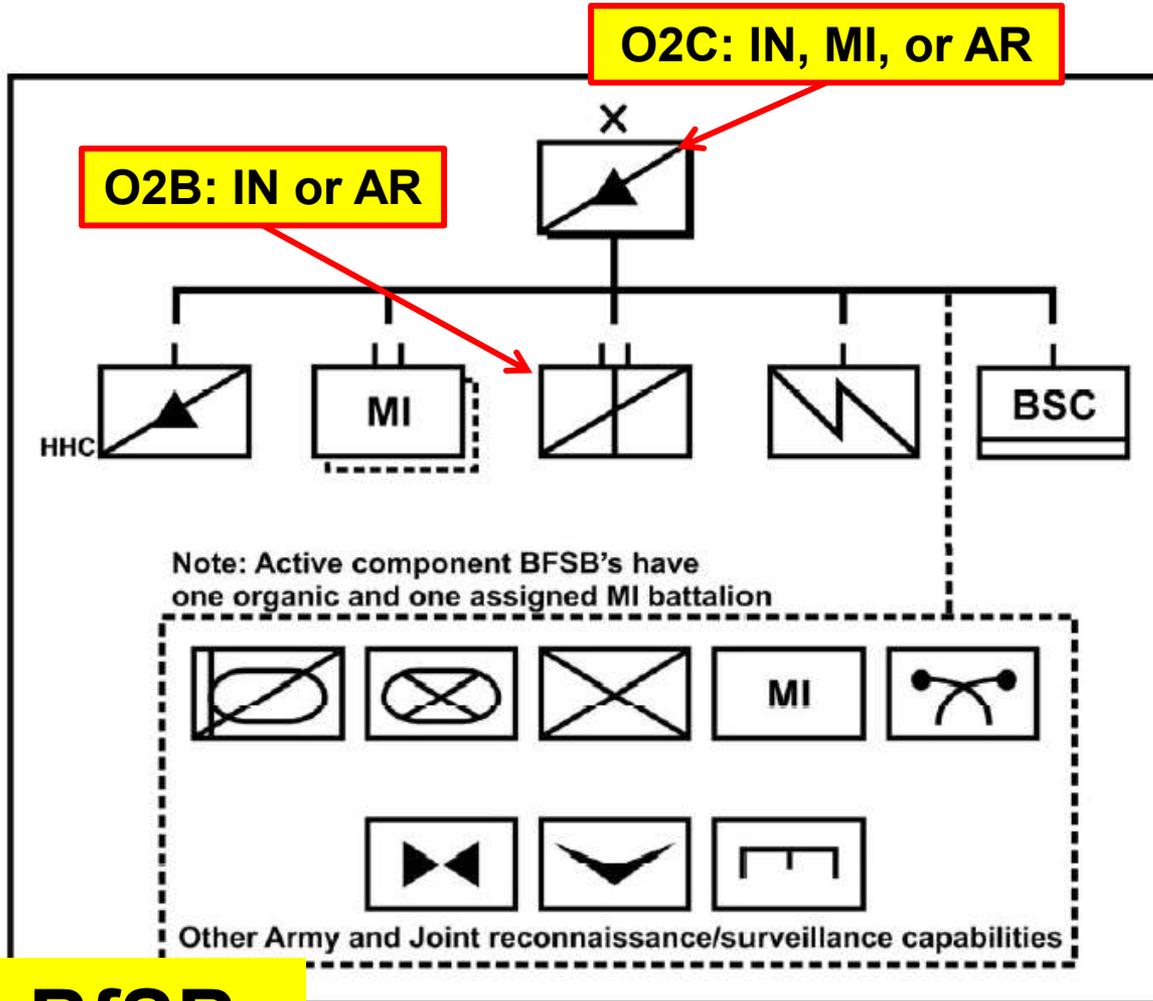


20 x AC IBCTs

# Battlefield Surveillance Brigade



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3 x AC BfSBs



# CG, TRADOC & Future CSA



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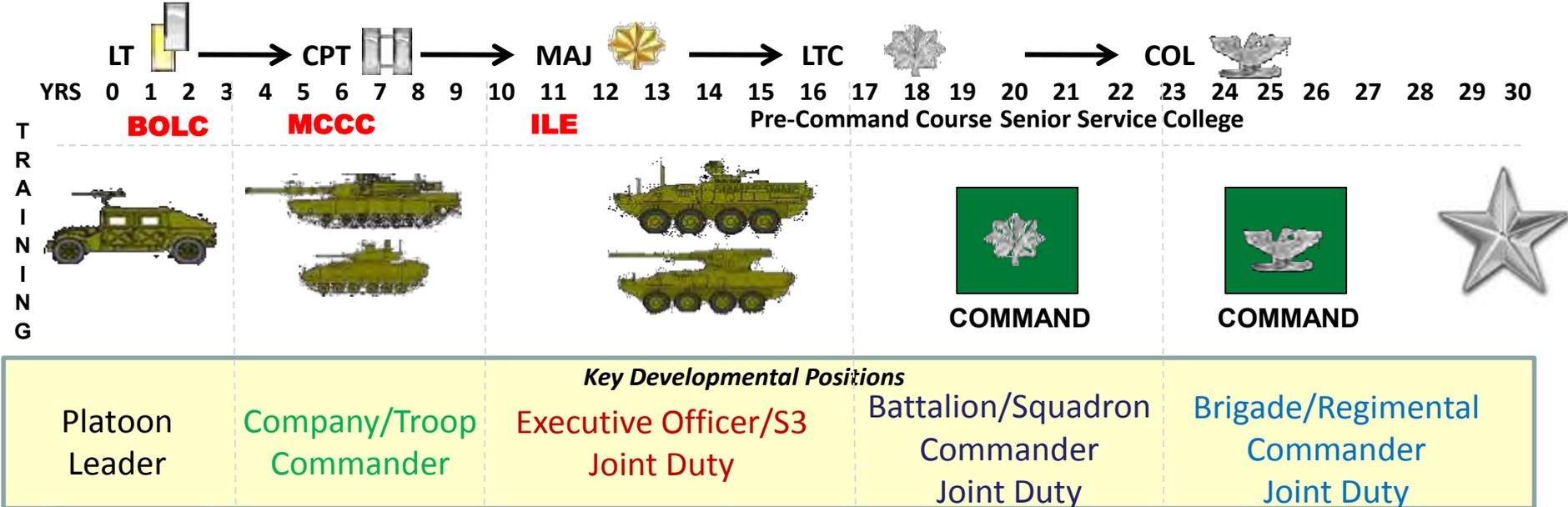
**Leader development is your number one priority...**



# ARMOR OFFICER LEADER DEVELOPMENT



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**Lifelong Learning and Development**



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# Creating Agile & Adaptive Leaders



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## CCTT

*Virtual*



## LIVE



## COFT

*Virtual*



## VBS2

*Gaming*



## EST 2000

*Virtual*





**“...The need for heavy armor and firepower to survive, close with, and destroy the enemy will always be there...”**

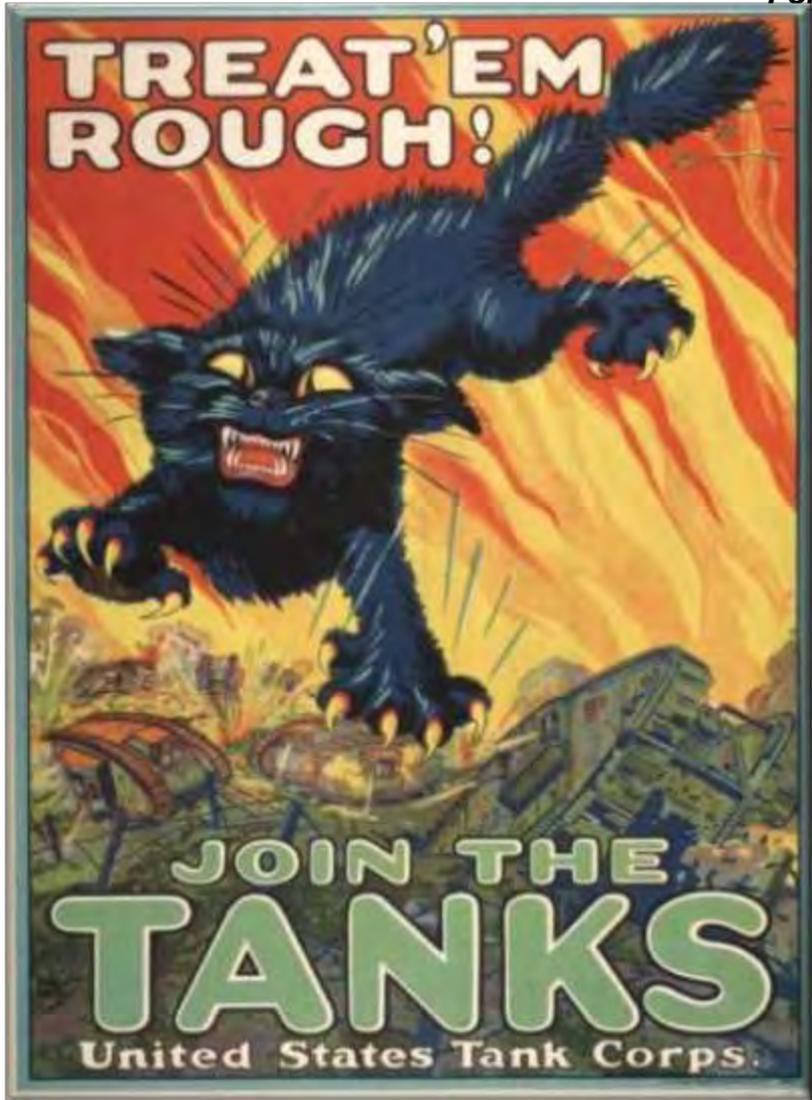


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# State of the Infantry

**BG Bryan Owens**  
**COMMANDANT U.S. ARMY INFANTRY SCHOOL**  
**CHIEF OF INFANTRY**



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# Creating An Adaptive Learning Environment



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FROM THIS...



TO THIS...



➤ Hand to Hand



➤ Combatives

➤ Implemented combatives throughout the entire 14-week cycle

➤ Implemented a new Marksmanship strategy



➤ Marksmanship



➤ Combat Field Fire

➤ Training culminates in the Combat Field Fire

➤ Implemented Physical Readiness Training



➤ Physical Training



➤ Physical Readiness Training

➤ Soldiers complete the Global Assessment Tool prior to graduating as part of the Comprehensive Soldier Fitness program

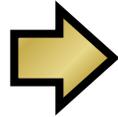
# Creating An Interactive Learning Environment



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FROM THIS...

TO THIS...



- Large classrooms
- POI Driven
- Power Point Slides
- Instructor Focused



- Small Group
- Outcome based training
- Virtual, constructive, gaming
- Student Focused





# Applying The Army Learning Concept



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## **Brick and Mortar (Power Point)**

### **Maneuver Captains Career Course**

- Principles of Reconnaissance
- 52 Slides

### **Combatives**

- Combatives Level I handbook (13 pages)

### **One Station Unit Training (OSUT)**

- Fundamentals of Basic Rifle Marksmanship
- ~1.5 to 2 hr powerpoint presentation

## **Live, Virtual, Constructive & Gaming**

### **Maneuver Captains Career Course**

- [VBS2 scenario created](#)
- Allows instructor to discuss principles with video reinforcement

### **Combatives**

- [Modern Army Combatives Video](#)
- Provides demonstration with visual and explanation to better prepare prior to execution

### **One Station Unit Training (OSUT)**

- [Video read-ahead to prepare students](#)
- Provides demonstrations on key components of BRM



# Infantry Force Concerns



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- **Training management , supply discipline & maintenance management**
- **SSG (E6) Master Gunner, Sniper, Ranger, fill rates are below 50% of authorizations**

# Discussion





# ***Maneuver Center*** ***Capabilities Development and Integration Directorate***



***CDID Update to the Former Commandants  
Recon Summit***

***6 April 2011***



# CDID Organization



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## Concept Development Division



Organizations  
Concepts  
Threat Analysis  
Studies & Analysis  
Science & Technology

## Maneuver Battle Lab



Experimentation  
Technology Demonstrations  
Advanced Technology Objectives

## Soldier Requirements Division



Soldier Systems  
Small Arms  
Optics/Sensors  
Mortars/Missiles  
UAV/UGV

## TRADOC Capability Managers

Requirements to Solutions  
DOTMLPF Integration



TCM Heavy  
Brigade  
Combat Team



TCM  
Reconnaissance  
& Surveillance  
Brigade

## Mounted Requirements Division



Mounted Platforms  
Heavy, Med, Light  
Weapons & Ammo  
Soldier Systems  
Recon Systems  
Ground Combat  
Vehicle



TCM Stryker  
Brigade  
Combat Team



TCM  
Soldier



TCM Infantry  
Brigade Combat  
Team



TCM BCT  
Mission  
Command



# ***Tactic Small Unit***



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- **Tactical Small Unit as a strategic system**
- **Decisive now... and in the future**
- **Integration of capabilities at small unit level**
- **#1 Capability – Network**



***A Strategic System***

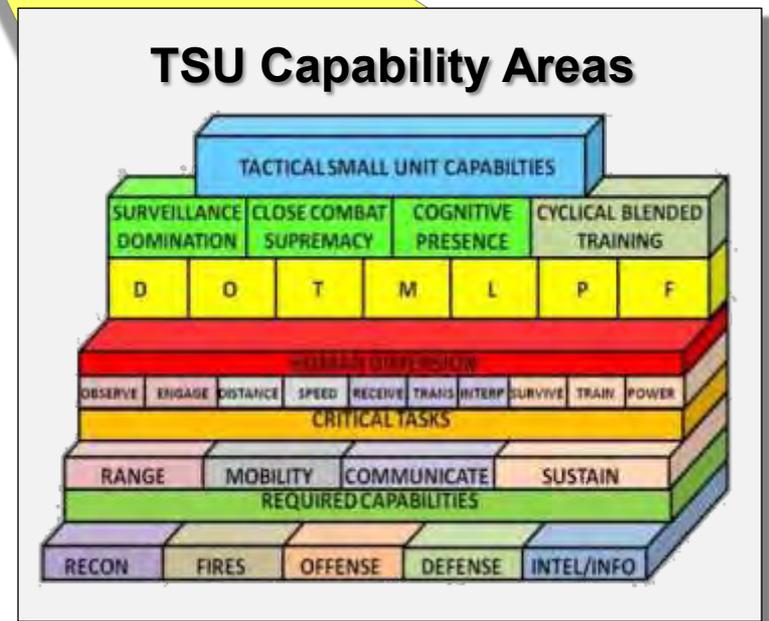


# TSU Critical Capabilities



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- Soldier & Leader Proficiency
- Surveillance Domination
- Cognitive Presence
- Close Combat Supremacy





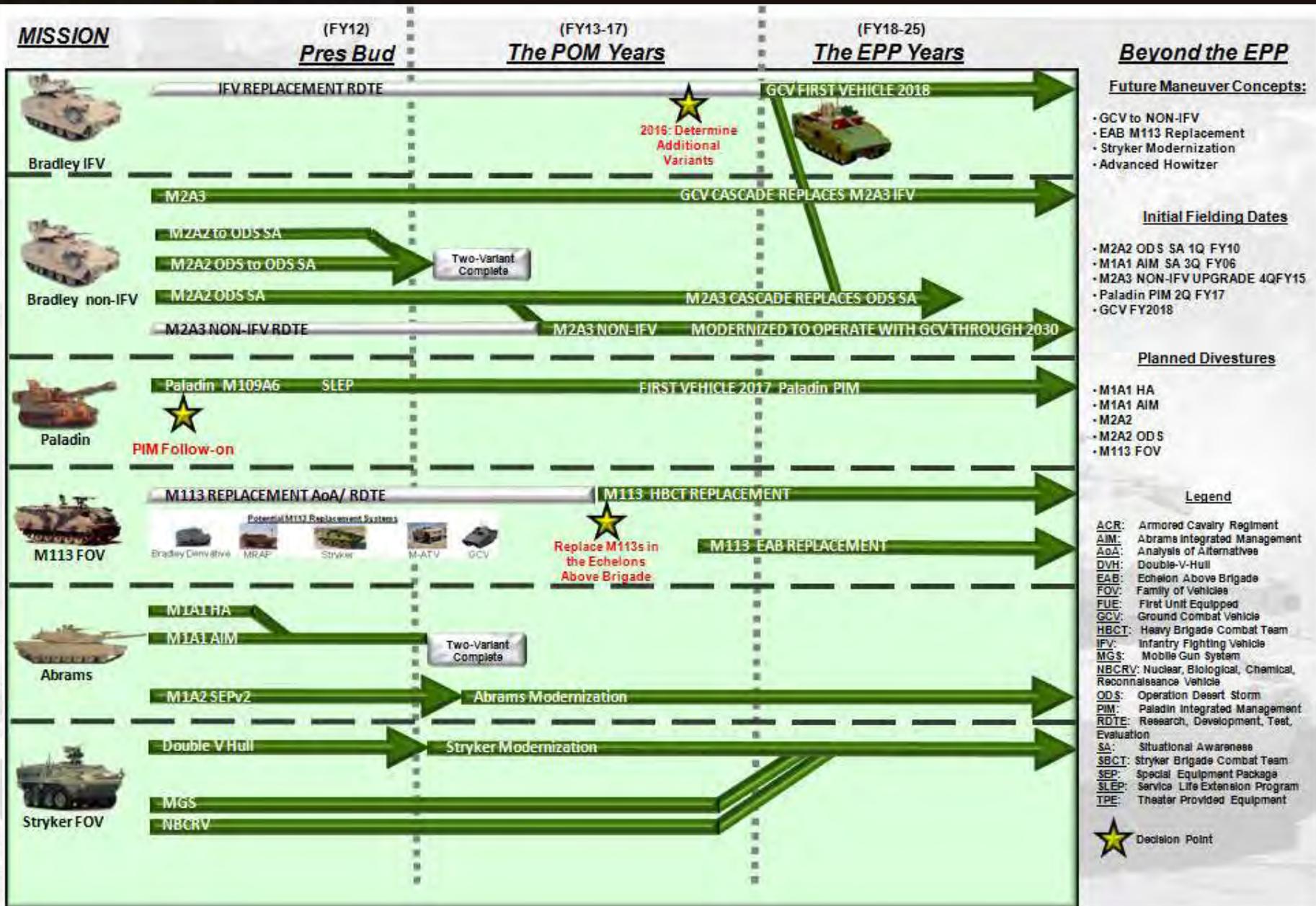
# The Army's Combat Vehicle Modernization Strategy



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## Transform, Replace and Improve

- \* **Transform** --- *acquire the Ground Combat Vehicle to provide our Soldiers the capabilities they need to fight and win today and in the future;*
- \* **Replace** *our M113 Family of Vehicles with a platform able to meet the demands of today's Contemporary Operational Environment;*
- \* and **Improve** *our Abrams, non-IFV Bradleys, Paladin and Stryker vehicles so they remain relevant and capable*





# *Maneuver Center*

## *Capabilities Development and Integration Directorate*



**“Maintaining Battlefield Primacy”**





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# ***Directorate of Training & Doctrine***

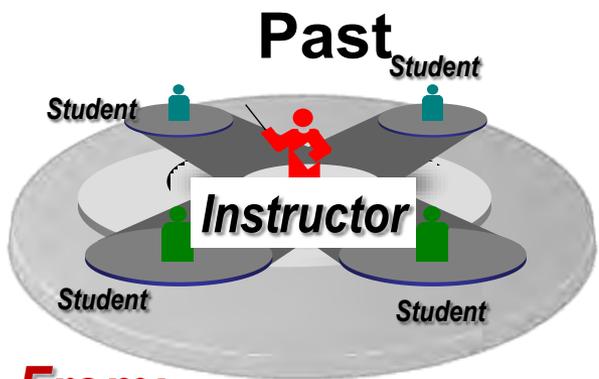
## ***(DOTD)***



# The Army Learning Concept for 2015



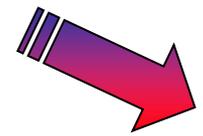
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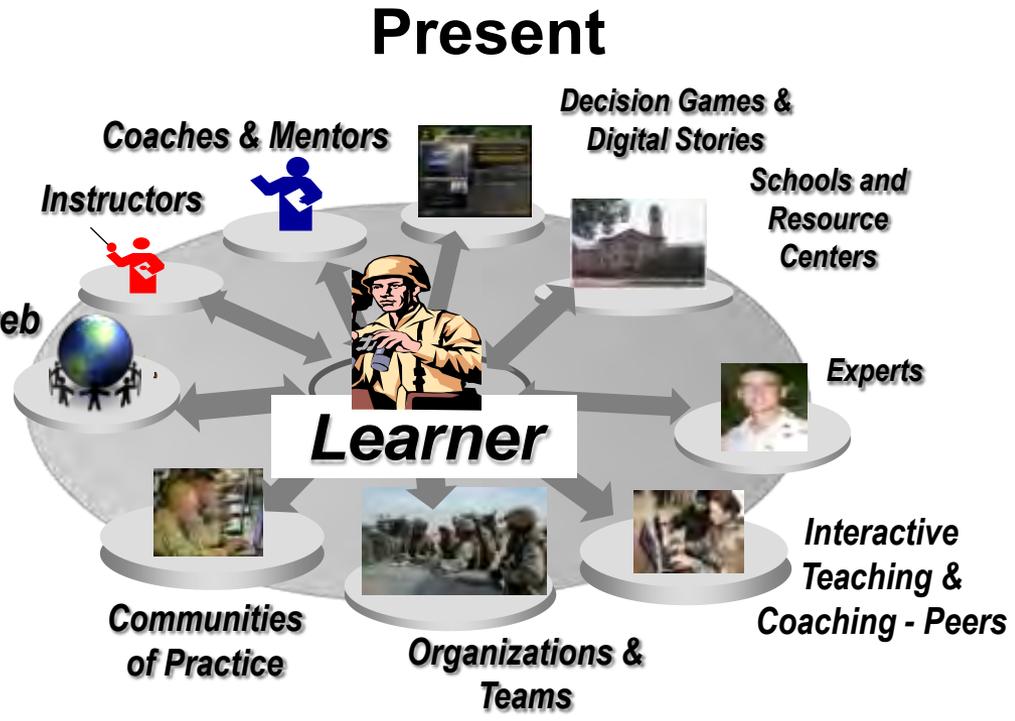
**From:**  
**Instructor Centered**

## ALC 2015

- New learning model - adaptive, thinking Soldiers and leaders
- Uncertainty and complexity.
- High degree of operational adaptability.
- Continuous adaptive learning model - 21st century Soldier competencies through a learner-centric 2015 learning environment



The web



**To: Learner Centered**  
**(Knowledge Seekers)**



# The Army Training Concept 2012-2020

## Commander driven, Unit-Centric, ARFORGEN based



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Leaders in Units

- Plan, Prepare , Execute and Assess Training
- Control Rheostat for complexity of conditions

Integrated Training Environment

- Spans all domains
- Hosts the FATE

Replicated Threat and OE

- Scalable
- FSO
- Dynamic



**Networked, ITE @ Home station, MCTCs, BCTP and when deployed**



### Institutions

Reach-Back and Reach-Forward



- Soldiers **immediately ready to contribute to unit** with a diverse set of FSO skills
- Adapt to needs of Operational Army
- Rapid Development of New Solutions & Products
- Reach - 24/7

Hub and Spoke Support

- Scalable resources injected when needed.
- Includes role players , TADSS, and OC/OTs.
- Support commanders with expertise & training products





# Integrated Training Environment (ITE)

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Linkage of TADSS, infrastructure, MCS, knowledge management systems, and a training framework

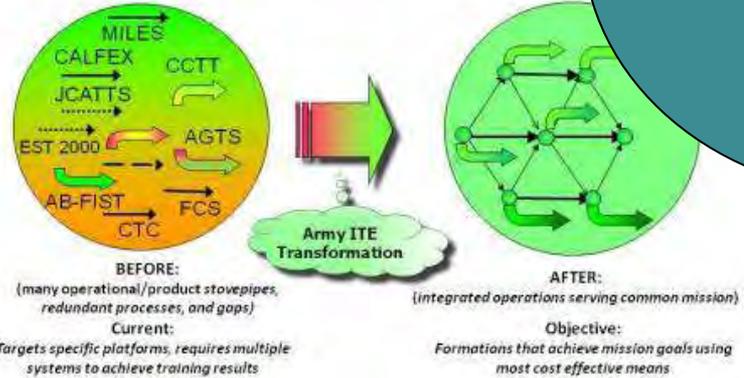
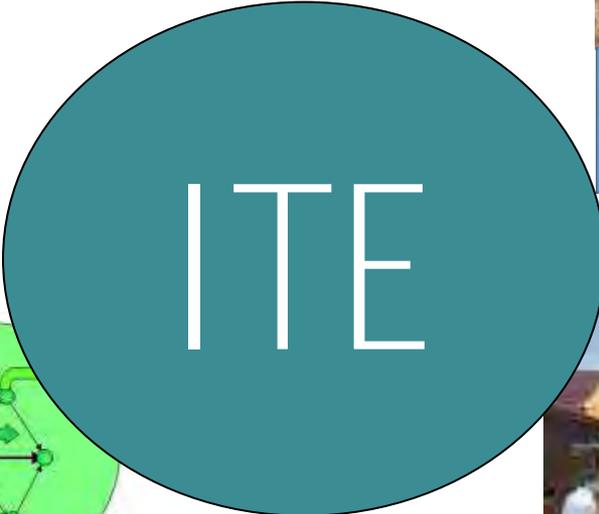
- Includes the integrating architecture and training infrastructure
- Approximate conditions of OE
- For training and education
- Full-spectrum operations
- Operational, institutional, and self-development



## Operational Environment



## Mission Command



Augmented Reality

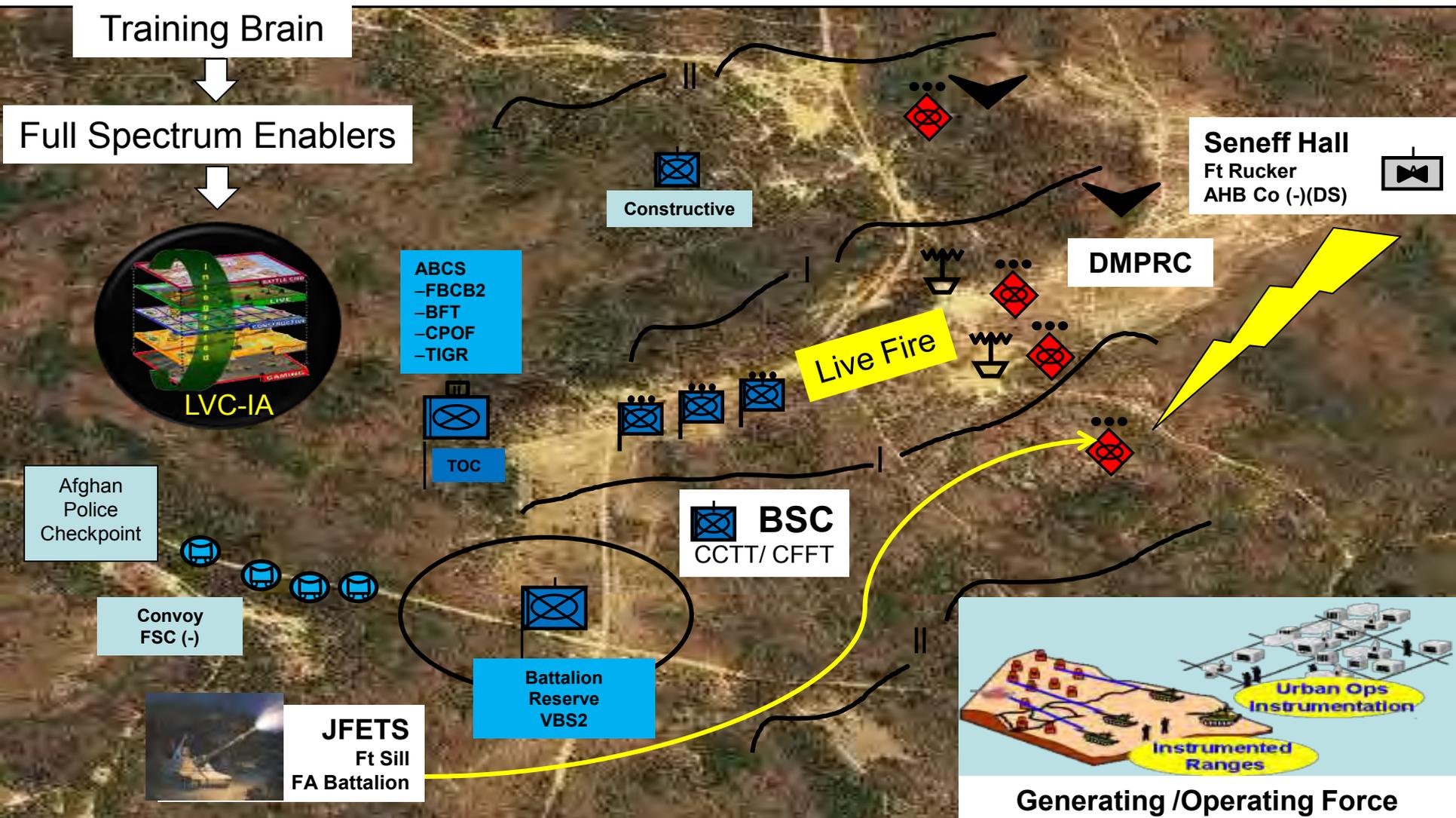
## Full Spectrum Operations



# ITE Endstate

Example Mounted/Dismounted Attack on MCoE  
Example Applies to the Maneuver Force and the MCoE

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Generating /Operating Force

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# ***Directorate of Training & Doctrine***

***(DOTD)***



# DOT/MCCC/Team 1: MCCC Class 2-11 VBS-2 Leader Decision Exercise



**WHO:** 100 x Students of MCCC Class 2-11, Ft Rucker Aviation Center of Excellence, Ft Sill Fires Center of Excellence

**WHAT:** MCCC VBS-2 Leader Decision Exercise Pilot

**WHEN/WHERE:** 28-30MAR11, MCCC VBS-2 Digital Suite, Bldg. 9230

**SUMMARY:** Students of MCCC Class 2-11 participated in the pilot execution of the VBS-2 Leader Decision Exercise. The VBS-2 Leader Decision Exercise provides MCCC students and SGLs the ability to assess student OPORDs developed during the A-4 SBCT Urban Attack module. The VBS-2 Leader Decision Exercise provides the capability to link digitally to students at the Aviation Captain Career Course and Fires Basic Officer Courses, fully integrating a combined arms attack against an asymmetric enemy.

**FUTURE:** The VBS-2 Leader Decision Exercise will enable students of the MCCC to execute OPORDs prepared during the course curriculum with lieutenants of the IBOLC operating as platoon leaders while maintaining the ability to digitally integrate with students from the Aviation and Fires Centers of Excellence.



**BG Owens addresses MCCC students participating in the VBS2 Leader Decision Exercise**



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# Comments/Questions

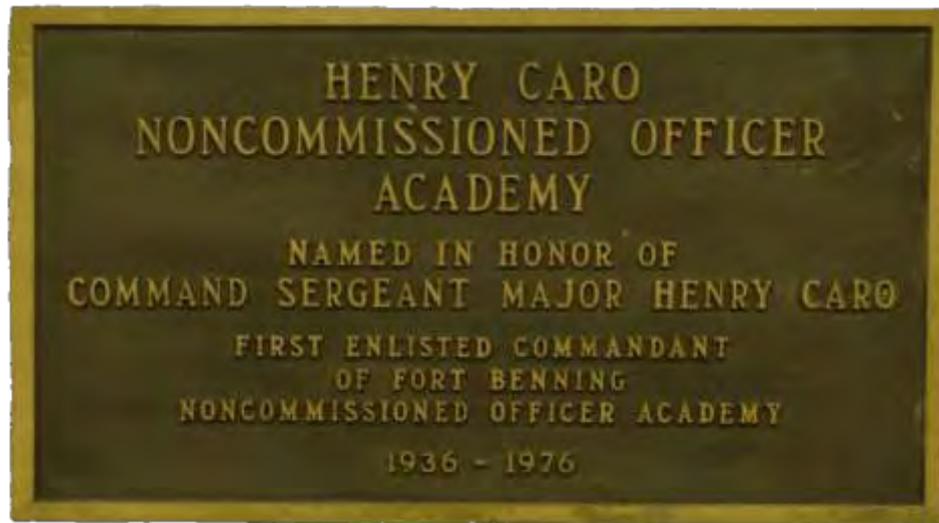
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# Fort Benning MCoE NCO Academy Update



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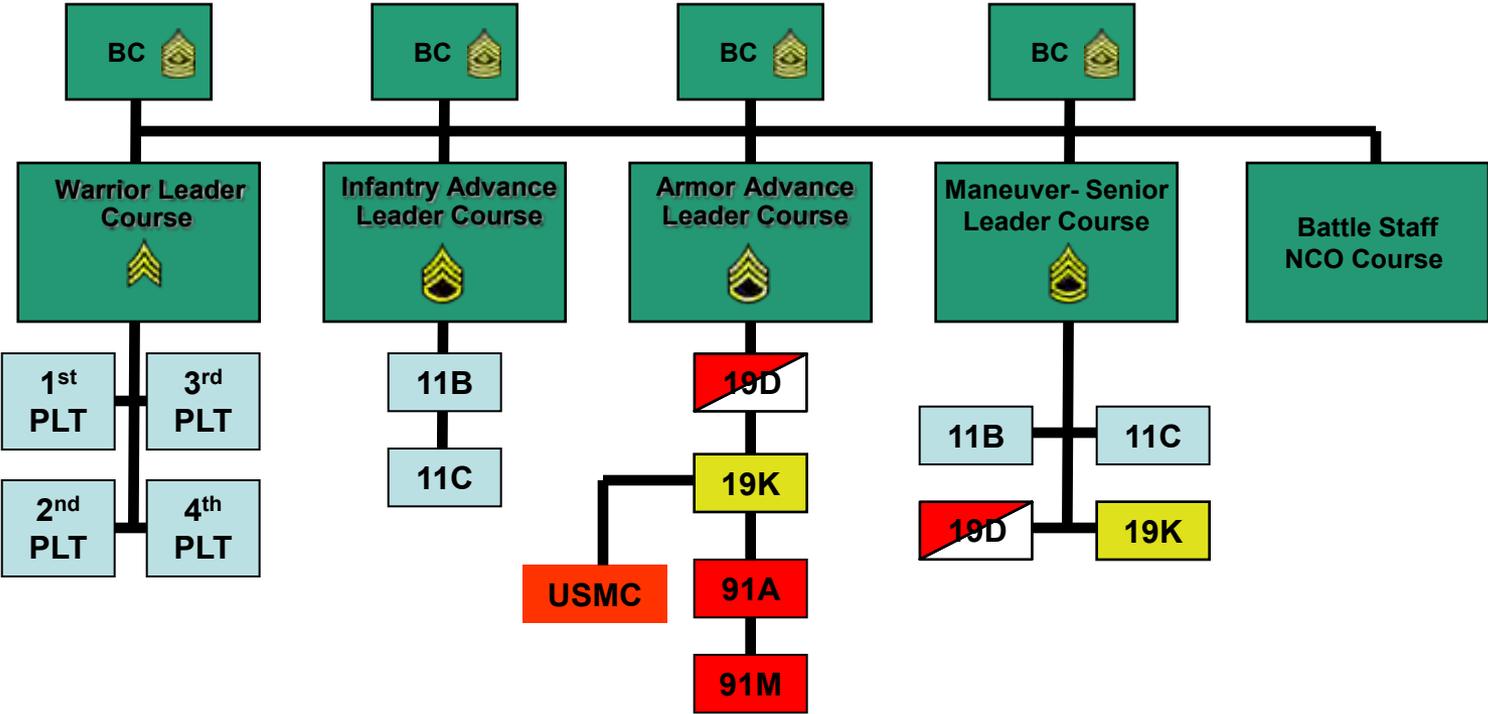
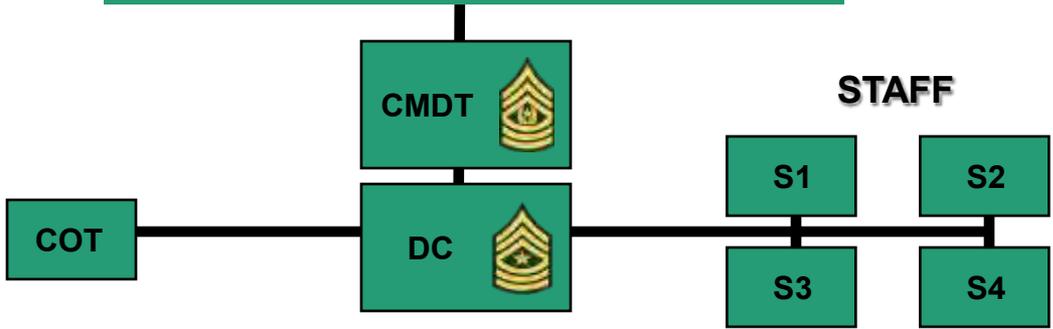


# Academy Organization




**MCoE**  
 Commanding General  
 Command Sergeant Major
 

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# Warrior Leader Course



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- FY11: 10 Courses
- FY11 Attendance: 1,181 Students
- Implemented the New WLC POI 1 Oct 10 (17 Day)
  - Added additional Leadership evaluations (PRT) and written test requirements
  - Eliminated Land Navigation training/evaluation
  - Changed the 72 hrs STX to 3 training days (released in the evening)
  - Non-live in course (students go home after the training day)



# Infantry Advanced Leader Course



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- FY11: 12 Resident Courses
  - 20 MTT Courses
- FY11 Attendance: 2,360 Students
- Merged 20% of Platoon Sergeant tasks into ALC
- 11B - 27 Academic Days
- 11C - 38 Academic Days



# Armor Advanced Leader Course



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- FY11: 8 Resident Courses
  - 12 MTT Courses
- FY11 Attendance: 702 Students
- Merged 20% of Platoon Sergeant tasks into ALC
- 19D/K - 36 Academic Days



# Armor Advanced Leader Course

## 91A (M1 Systems Maintainer)

## 91M (M2/3 BFV Systems Maintainer)



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- FY11: 8 Resident Courses
- FY11 Attendance: 128 Students
- 44 Academic Days: 10 days Leadership, 34 Days  
Technical training



# Maneuver – Senior Leader Course



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- FY11: 6 Resident Courses
- FY11 Attendance: 1152 Students
- Merged 60% of First Sergeant tasks into M-SLC
- Focus on roles of Officers and Noncommissioned Officers at Company / Platoon level
- 35 Academic Days; 25 days Phase 1 (Common Core), 10 days Phase 2 (MOS Specific)



# MCoE NCO Academy

## Keeping Training Relevant



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- Working with the Office of the Chief of Infantry (OCOI) and the Office of the Chief of Armor (OAOA) to refine the current POIs for IN & AR ALC and M-SLC through the Critical Task Selection Boards.
- All Cadre and M-SLC Students attending Bi Monthly G2 Intelligence update on current operations in OEF/OND.
- WLC, ALC and M-SLC Branches have NCOs with additional duty to gather and disseminate current information from CALL and Institute of Lessons Learned