MISSION TRAINING COMPLEX
FORT CHAFFEE
REGION 6

Course Catalog

Mission Training Complex
Fort Chaffee
Course Catalog

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Purpose

The Fort Chaffee (MTC-CHF) Course Catalog provides a description of the courses offered and the information necessary to schedule and conduct training. This catalog also presents the capabilities of the staff and facilities at MTC-CHF and how they support the successful execution of Mission Command Training Events.
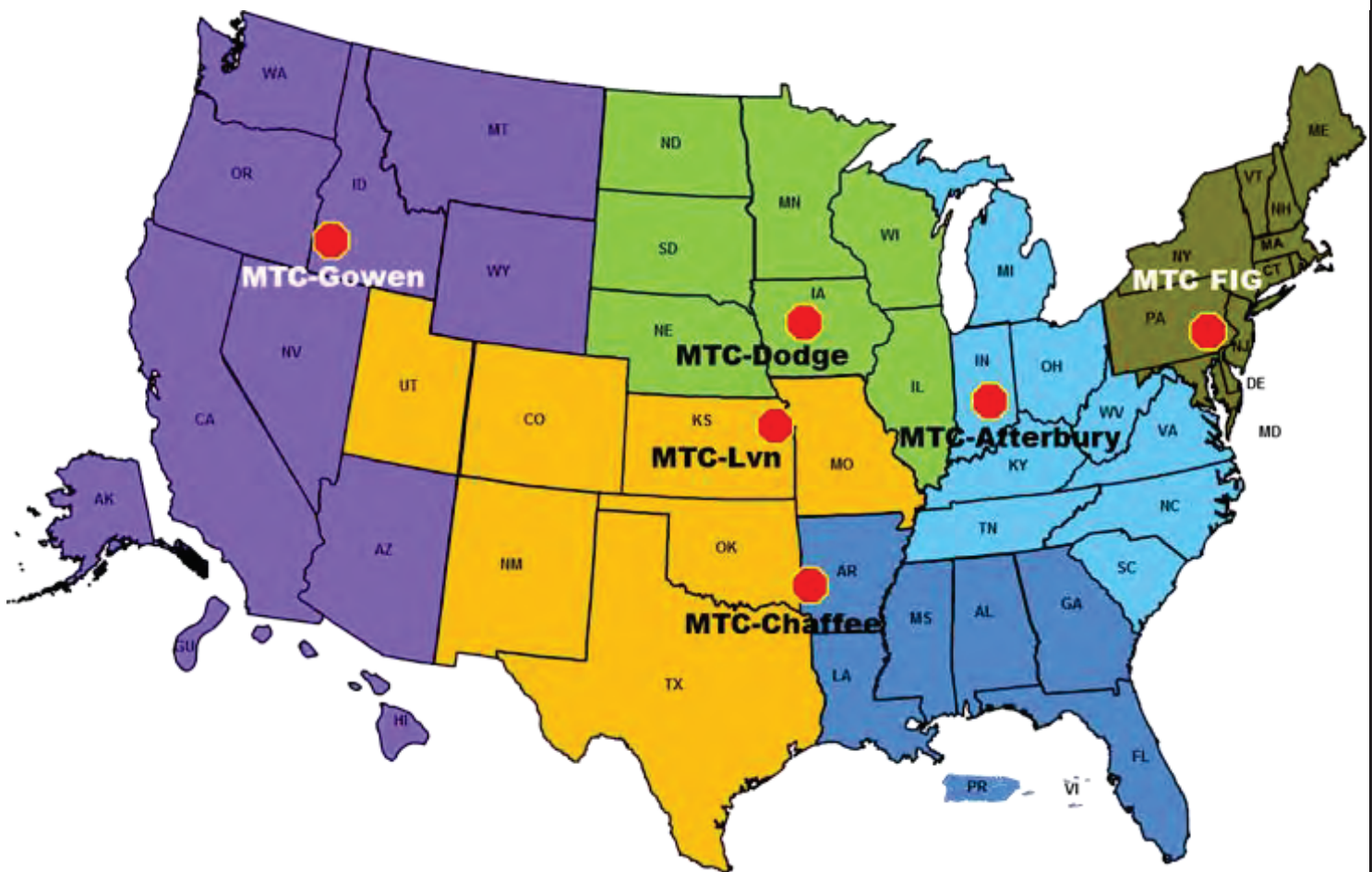
MTC-CHF
Area of Responsibility

Mission

Support the Mission Command Training Support Program (MCTSP) and ARNG units (Battalions, Brigades, and Divisions) by hosting Brigade and Division Warfighter Exercises (WFXs) and providing individual and collective training to ARNG units during the Sustainable Readiness Model (SRM) / Regionally Aligned Readiness and Modernization Model (ReARMM).

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- **MTCs are operations and logistics hubs in support of various Mobile Training Teams**
- **MTC-CHF is one of six National Guard Regional MTCs with the capability to interconnect regionally and globally for training exercises to include hosting Division and Brigade Warfighter Exercises**

Vision

MTC-CHF promotes mission command proficiency growth through SRM / ReARMM. MTC-CHF collaborates with a broad range of partners to advance the practice of mission command training and enjoys the support of partner States in delivering training.

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MTC-CHF Support Overview

MTC-CHF provides support that leads to individual and collective staff proficiency in mission command through the provision of individual Command Control Information Systems (C2IS) courses, Command Post Exercises (CPX), and by hosting Warfighter Exercises (WFX) in support of Operations Groups from MCTSP Fort Leavenworth, KS.

MTC-CHF supports units scheduled training through their assigned Officer Senior Trainer (OST) or Enlisted Senior Trainer (EST). For more information regarding training or how to contact your OST/EST, call MTC-CHF Operations at 479-484-2527.

MTC-CHF Courses are not listed on ATRRS.

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MTC Training Support

Military Staff:
Attends all unit planning sessions (CDC, IPR, IEP, MEP, FEP), works with the unit representatives to conduct facility management including security planning, building access, equipment shipping, classified storage, and clearing procedures.

Officer Senior Trainer/Enlisted Senior Trainer (OST/EST):
Main point of entry to obtain, review and process training requests IAW the Commander's Intent. MTC supported units schedule training through their assigned Officer Senior Trainer (OST) or Enlisted Senior Trainer (EST).

Doctrinal Training Teams (DTT):
Warfighting function Subject Matter Experts (SMEs) who provide doctrine and Military Decision Making Process (MDMP) training to staffs in preparation for mission command events and exercises.

HICOM Support Team (HST):
Provides a wide range of doctrinal training on Army Design, the Army Operations Process, and MDMP to Brigade and higher staffs mainly in preparation for XCTC and Warfighter.

Mission Command Systems Team (C2IST):
C2IS Operator Training prior to the training event and over-the-shoulder training during the STAFFEX, ISX, CPX, and FTX.

Technical Support Team (TST):
Assist units with establishing their Command Post (CP), test power generation, and ensure proper systems integration.

Simulation Support Team (SST):
Provides constructive simulation support to simulate military operations and stimulate Command & Control Information Systems. Builds the simulation database to support the Master Event List in order to stimulate the C2IS.

Intelligence & Electronic Warfare Tactical Proficiency Trainer:
Supports all Military Intelligence Warfighting Functions to include scenario design, implementation, and mentorship through use of the Intelligence and Electronic Warfare Tactical Proficiency Trainer (IEWTPT). The IEWTPT stimulates Military Intelligence systems. Trains tactical questioning, interrogation, and use of interpreters through the Human Intelligence Control Cell (HCC). Provides the systems and training environment for Foreign Language and Cultural skills enhancement.

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Officer Senior Trainer/Enlisted Senior Trainer

OST/EST teams are assigned to all units serviced by MTC-CHFunit OST/EST is intricately involved in developing and executing your training plan. OST/EST teams are the main point of entry to obtain, review and process training requests IAW the Commander's Intent. MTC supported units schedule DTT, C2IST, TST, IEW, SST and HST training through their assigned OST or EST. Training can be conducted at the unit armory, an alternate location, or at MTC-CHF.

OST / EST Teams & Units	
Alabama	
Rob Fouche (OST)	Ivan Skelly (EST)
(256) 454-5144	(717) 277-1732
robert.fouche@onevaliant	ivan.skelly@onevaliant.com
Arkansas	
Mickey Stewart (OST)	Brian Smoke (EST)
(501) 944-7078	(501) 229-3771
john.stewart@onevaliant.com	brian.smoke@onevaliant.com
Florida, PR, VI	
Emmett Schaill (OST)	Skip Seabolt (EST)
(910) 635-6305	(478) 747-6046
emmett.schaill@onevaliant.com	william.seabolt@onevailant.com
Georgia	
Kenny Payne (OST)	Walt Kegley (EST)
(678) 409-5157	(229) 848-4750
kenny.payne@onevaliant.com	walter.kegley@onevaliant.com
Louisiana	
Lance Hargrave (OST)	Bill Burgess (EST)
(337) 254-8025	(951) 442-0917
lance.hargrave@onevaliant.com	bill.burgess@onevaliant.com
Mississippi	
Russell Grant (OST)	Tony Farmer (EST)
(662) 372-3011	(228) 229-9081
russ.grant@onevaliant.com	tony.farmer@onevailant.com

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Higher Command (HICOM) Support Teams (HST)

HSTs provide a wide range of doctrinal foundational training to Brigade and higher staffs. HSTs support large-scale exercises and assist in role playing the Higher HQs and adjacent unit commanders and staffs during exercise to simulate and stimulate training. HSTs support their aligned OST/EST throughout the Planning, Preparation, and Execution of the entire exercise life cycle. From initial concept at D-365 to exercise execution, the HST will observe, coach, train, and mentor unit counterparts throughout the training process.

- Aligned with Divisional units and units participating in XCTC.
- Participate in various planning conferences and workshops.
- Develop Road-War-Scenario, WARNORDs, OPORDs, and FRAGORDs.
- Develop MSELs; Daily INTSUMs, OPSUMs, ATOs and SITREPs for Higher Headquarters and notional adjacent & Echelon Above Brigade (EAB) units.
- Train designated HICOM Augmenters in the role in which they are assuming.
- Conduct the Higher Headquarters OPORD Brief and Rehearsals.
- Replicate the Higher Headquarters Battle Rhythm including boards, working groups, and reporting (CUB, BUB, ISR Synch, Targeting Meetings, etc.).
- Execution of pre-exercise training events (MDMP / STAFFEX / COMMEX).
- Provide a wide range of doctrinal foundry training to Brigade and higher staffs.
- Prepare observations and insights for formal AARs and Take-Home Packages.

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<u>Doctrinal Training Team (DTT)</u>

Doctrinal Training Team is mobile and consists of warfighting function subject matter experts who conduct in-depth, tailored doctrinal staff training at Battalion through Division in support of the unit Commander's training plan.

- Training provided at no cost to the training unit.
- Works in conjunction with the OST/EST, unit Commander, and other MTC resources (MCST, TST, IEWTPT, SST), if applicable.
- Routinely studies the application of doctrine and applies established techniques and procedures
- Provide one-on-one training to unit staff counterparts during MC training exercises (STAFFEX, CPX, and FTX) or in preparation for deployment, WFX, NTC, JRTC, or XCTC.
- Assist in development of exercise products and in the absence of already validated products, author plans and orders, MSELs, OPSUMs, INTSUMs, and other Joint Event Life Cycle (JELC) products that set the tactical conditions in which the unit must operate.
- Provide mission and unit tailored workshops on each step in the MDMP process. Each workshop is followed by practical exercises with over the shoulder mentorship.
- During training, share lessons learned, product examples, and doctrinal resources.
- At the request of the Commander or designee, will facilitate informal counterpart AARs and prepare observations and insights for formal AARs and Take-Home Packages.
- Select DTT members will attend CDCs, IPRs, and other key planning events.

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Mission Command Systems Team (MCST)

MCST supports Mission Command Training Support Program (MCTSP) and ARNG units (Battalions, Brigades, and higher) by hosting Brigade and Division War Fighter Exercises (WFXs). MCST provides individual and collective training to ARNG units during the SRM / RAR&MM training process.

Mission Command System Courses

MTC-CHF offers a wide range of individual training courses designed to increase Soldier proficiency with C2IS. MTC-CHF can support training courses at MTC-CHF, the requesting unit's location, or an alternate training site that works best for the training unit. This catalog provides a description of the courses offered and the information necessary to schedule and conduct training.

Instructional Methods

All courses are conducted through direct instruction technique by instructors experienced in the use of the C2IS and in the conduct of mission command at the Battalion, Brigade, and Division level. To ensure student success, all C2IS courses are conducted with maximum instructor to student ratio of 1:10. Regardless of the course location, the MTC-CHF staff offers a professional learning environment designed to meet unit training needs.

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Mission Command Systems Training Team- (C2IST)

C2IST uses a course menu that allows commanders to select the training that best meets the needs of their Soldiers. Each student receives a course overview, agenda, and DVD that contains the user guides, operator manuals for C2IS, MTC POC information, and training software.

Coursework

Training is developed IAW the unit Commander's intent, the Programs of Instruction (POI), and Training Support Packages (TSP) published by the system's Program / Product Manager. Each student has their own computer equipped with the latest version software distributed from the system's Program / Product Manager.

All Individual training courses culminate with a "Check On Learning" through practical exercise (PE). These PEs allow students to demonstrate their comprehension and retention of the training material. The instructor staff is available during these PEs to monitor and review the student's work. Students having difficulty completing a required task receive over-the-shoulder assistance and participate in additional training.

Scheduling Training

Units schedule training through their assigned **Officer Senior Trainer (OST) or Enlisted Senior Trainer (EST)**. We can provide training at the unit Armory, Alternate location, and at the MTC-CHF. Classes at MTC-CHF are tailored to the specific needs of the unit based on the input of the unit Commander and OST/EST. The MTC relies heavily on the input of unit members to develop C2IS training that addresses unit training goals and needs.

For more information concerning contacting your OST/EST call the MTC-CHF Contractor Site Lead at 870-776-7359.

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AFATDS Refresher

Instruct students on the operation and functionality of Advanced Field Artillery Tactical Data System (AFATDS) with in depth focus on mapping, collaboration, product production and managing and displaying data as well as instruction on a wide range of AFATDS applications. The AFATDS servers and architecture, as well as other C2IS systems, will be introduced and discussed.

The AFATDS Operator Course combines lecture, demonstration, hands-on training and practical exercises to familiarize students with tasks outlined in the AFATDS Software User's Manual (SUM). Students are introduced to digital operations and the AFATDS role in the C2IS family. Students are taught how to utilize the system to input, manage and share fires management data and portray the situation in a graphic (map-based) format as well as share that data with other AFATDS operators and other C2IS systems. The MCST course is not a replacement for the 40 hour official instruction.

AMDWS Operator Course

The Air and Missile Defense Workstation (AMDWS) Operator Course combines lecture, demonstration, hands-on training and practical exercises to familiarize students with tasks outlined in the AMDWS Course Conduct Support Document (SG) Operator and AMDWS Course Conduct Support Document (SG) System Administrator. Students are introduced to digital operations and AMDWS's role in the C2IS family. Students are taught to build and share missions that embody the current tactical situation, collaborate to create a rich, multi-perspective, shared operational picture and create, analyze and manage data. The course is designed as sustainment training to operators who have previously attended a New Equipment Training (NET) event, Air Defense Artillery (ADA) MOS school training or real world experience. It may also be used as an introduction to the system for operators, new to the system, but is not a replacement for the 80 hour official instruction.

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CPOF Operator Training

This course is designed to instruct newly assigned operators on the functionality of the Command Post of the Future (CPOF). The in-depth training focuses on mapping, collaboration, product production, and managing / displaying data. It also gives instruction on a wide range of CPOF applications in a two-day time frame.

The CPOF Operator Course combines lecture, demonstration, hands-on training and practical exercises to familiarize students with tasks outlined in the CPOF Software User's Manual (SUM). Students are introduced to digital operations and the CPOF role in the C2IS family. Students are taught to build and share workspaces that embody the current tactical situation. Students collaborate to create a rich, multi-perspective, shared, operational picture, and conduct collaborative briefings.

CPOF Refresher Training

This course is designed as sustainment training for operators who have attended an operators course or have real world experience. The course provides an overview of the operation and functionality of the Command Post of the Future (CPOF). The course is tailored to meet the needs of the students and, as needed, can focus on the following: mapping, collaboration, product production and managing and displaying data as well as instruction on a wide range of CPOF applications. Additionally, this course can broaden CPOF user's knowledge through the instruction on the CPOF servers and architecture, as well as other C2IS systems.

Through communication with the unit OST/EST, this course can be tailored to meet the needs of the students. In general, the course combines lecture, demonstration, hands-on training and practical exercises, to familiarize students with tasks outlined in the CPOF Software User's Manual (SUM). Students are introduced to digital operations and the CPOF role in the C2IS family. Students are taught to build and share workspaces that embody the current tactical situation, collaborate to create a rich, multi-perspective, shared operational picture, conduct collaborative briefings and create, analyze and manage data.

*CPOF will be replaced by Command Post Computing Environment (CPCE)

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CPOF Leader Training

Command Post of the Future (CPOF) Leader Course is designed for commanders, staff officers, battle captains, battle NCOs, plans officers, and junior officers and NCOs working in the current operations environment. The purpose of this course is to teach CPOF capabilities and proper employment. Upon completion of this course, current operations staff will understand how CPOF integrates data from multiple C2IS Systems to provide a common operating picture to assist the commander at making decisions on the battlefield.

DCGS-A Level 1

This two-day course focuses on familiarization with the Distributed Common Ground System (DCGS) multi-function workstations (MFWS) interface, extended area of interest (XOI) manager, utilization of the Tactical Entity Database (TED), advanced search, simple boolean logic, folder manager, VCAB import/export of database entities, alert center, link analysis, visual analyst and graphing tools, map and shapefile importation, creation of a map geodatabase, generation of 2525B graphics and units, overlay creation, layer/shapefile export, and simplified CMS setup/messaging and DDS advertisement/subscription interface. This course is taught on MTC DCGS clients operating in stand-alone mode (without a server) in any securable location with provision made for secure storage of DCGS system drives overnight in a SECRET approved storage container.

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JCR/JBC-P

The JCR/JBC-P Operator Course combines lecture, demonstration, hands-on training and practical exercises to familiarize students with tasks outlined in the Operator's Pocket Guide for Force XXI Battle Command Brigade and Below-Blue Force Tracking Computer Set (TB 11-7010-326-10-3). Students are introduced to digital operations and JCR/JBC-P's role in the C2IS family. Students are taught to update critical platform data, use messaging tools and access/manipulate SA data. The MCST course is designed as sustainment training to operators who have previously attended a New Equipment Training (NET) event, or have real world experience. It may also be used as an introduction to the system.

COLDC – Current Operations Leader Development Course for staff members at Brigade and below

A uniquely tailored analogue course for organizations to train the current operations staff on their duties and responsibilities within a CP (Command Post). This includes fundamental techniques and procedures required to develop SOPs, and maintaining a COP (Common Operating Picture), Reports, and Battle Rhythm events.

COLDC weaves professional lectures, demonstration of best practices, and creates practical exercises that allow staff to immerse themselves in a scenario, forming a dynamic performance-based training event. The scenario provides realistic challenges that force staff to practice, refine, update and/or familiarize themselves with unit specific SOPs, KM processes, and BD (Battle Drills). Units learn how to apply the art and science of a synchronized flow by sharing information, combined with effective decision-making that supports the Commander's ability to Command and Control. Staff members learn to operate as a synergistic team within the CP, becoming familiar with doctrine and hone in on individual skills, knowledge, and abilities through a specifically designed training event for each unit. The culmination of training focuses on expert data management and discipline to maintain and produce critical products that are linked with timely and accurate communication. The final portion of the course requires the staff to conduct CP briefings such as a BUB, CUB, Shift Change Brief, and 2-Minute Drill during high stress situations in order to maintain a shared understanding.

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<u>TAIS</u>

The Tactical Airspace Integration System (TAIS) Operator Refresher Course combines lecture, demonstration, hands-on training and practical exercises to familiarize students with tasks outlined in the TAIS Software User's Manual (SUM) for software version 12.0.3. Students are introduced to digital intelligence operations the TAIS role in the C2IS family. Students are taught how to utilize the system to input, manage and share airspace management data and portray the situation in a graphic (map-based) format as well as share that data with other TAIS operators and other C2IS systems. The MCST course is designed as sustainment training to operators who have previously attended a New Equipment Training (NET) event, Air Traffic MOS school training or real world experience. It may also be used as an introduction to the system for operators new to the system but is not a replacement for the 40-hour official instruction.

<u>C2IS Over-the-Shoulder (OTS)</u>

OTS Training represents the run phase of C2IS Training. OTS can be conducted at the end of a refresher or basic operator course, as part of a Command Post Exercise (CPX), or as training for a Warfighter Exercise. OTS training is applicable to any of the mission command systems in the MTC-CHF course catalog. During this training, MTC-CHF MCST members provide support to users as they operate systems as part of a Battalion or higher level exercise. Units must provide the training material (tactical OPORD or MDMP products) and must use their organic mission command systems for the conduct of OTS training.

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CPOF Commander's Overview Training

This is a four-hour block of instruction that can be tailored to provide an overview of any C2IS system, or all of them. During this training, commanders, staffs and unit leaders get an overview of how a system integrates into the mission command picture and contributes to the Commander's Operational Picture (COP). This course reviews the advantages, disadvantages, and common uses of the selected system.

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TST Mission and Goal

Mission

The purpose of Technical Support Team (TST) is to develop and instill confidence in today's Mission Command Systems and equipment to perform key tasks such as: establish a CP, test power generation, ensure proper systems integration, and help with the training of the staff at Battalion, Brigade, and Division levels. We participate in battle drills and help units validate their Command Post's Standard operating procedures in preparation for future collective training events. The TST Team also provides training to ensure Army National Guard units are confident in their ability to successfully employ the command post as a mission command system, restore capability in case of network failure, integrate command post equipment, and conduct command post operations

Focus

Our focus is on you the operator and not the individual piece of equipment. Utilizing the road to war fighter concept we will help you along with your OST/EST's develop a training plan that will better suit your units needs in which will untimely lead to a much more successful COMEX/CPX and War Fighter events. We will focus on areas of weakness saving travel and training dollars. The TST has a vast working knowledge of everything that is Mission Command.

TST Sustainment Training

Tactical Network Theory and Device Management

Instructs Soldiers on tactical networking in regards to topology, data flow, device placement and integration within the network, device configurations, and connectivity troubleshooting. The team will focuses on device PC2IS, and hands-on device configurations through console, TELNET, and SSH. Through the use of wiring diagrams, the LDIF, and all IP Scheme cut sheets and data sheets for configuring all devices needed throughout the unit's network and the configurations of each device to include Cisco switches, routers, firewalls, Citrix Wanscaler, Taclanes, STT, CPN, CPP, BCCS, CPCS, SWLAN, GBS, DCGS-A, VSAT, JNN, and C2IS integration.

CPP – Command Post Platform

Instructs PC2IS, the placement and purpose of the CPP within the network, and data flow throughout the rigid shelter and cab of the HMMWW. The team will focus on configuring and wiring of all devices within the shelter to include, Cisco switches, routers, firewalls, Taclanes, Citrix WAN Scalers, C2IS and network management laptops. The team will also demonstrate the wiring and placement of all radios within the shelter and use with the C2IS.

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TST Sustainment Training

CPN – Command Post Node

Instructs PC2IS, wiring configurations, device access and configuring of the CPN to include, Cisco switches, routers, firewalls, Taclanes, and the Citrix WAN Scaler. The team will focus on networking theory of the CPN for placement into the tactical network. The team will also instruct all networking management laptops, BIT laptops, and Call Managers for VOIP.

CCS – Command Center System

Instructs PC2IS, inventory, Cisco switch configuration, placement within the tactical network, and operational use regarding its video purpose for the Tactical Operations Center.

CPCS\MCSU – Command Post Communication System\Micro Central Switching Unit

Instructs PC2IS, inventory, network placement, full operation, and configuration and troubleshooting of the CPCS\MCSU to include the CAUs (Crew Access Units).

TMC Gateway – Tactical Mission Command

Instructs PC2IS, network integration, configuration, and theory for deployment of the TMC Gateway for use within the tactical network.

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TST Sustainment Training

BCCS – Battle Command Common Services

Instructs PC2IS, inventory, Cisco switch configuration, placement within the tactical network, and operational use regarding its integration into the Tactical Operations Center. The team will assist with the build out and deployment of the LUN storage, ISO deployment, Individual Tactical service management (DDS, Data Bridge, Repository), Individual enterprise services management such as (Exchange, Active Directory, Domain Server).

DDS Integration: Assist the units with complete Mission command Integration of ABCS systems. Login, network and message thread testing from system to system. AFATDS, CPOF, TAIS, AMDWS, ASTI, and JCR.

BCCS Build Assistance	40 hours
DDS Management (SQL) (JWS)	8 Hours
CPOF Master Repository Management	8 Hours
CPOF Mid-Tier and Data Bridge Management	8 Hours
BCCS Switch Management	4 Hours
Active Directory Management	8 Hours
VMWare Overview	4 Hours

DRASH\Air Beam - Deployable Rapid Shelter\Trailer Mounted Support System (Large and Medium Shelter) (8-16 Hours)

PC2IS, inventory, and operation, of the TMSS to include the generator and ACU. Instructs deployment, Striking and proper stowage of the DRASH system to include terrain awareness and configuration for operational purposes of the Tactical Operations Center. Flooring deployment and instruction, Bike Track and older models.

Power Generation Generators 10Kw, 15Kw, 30Kw, and 60Kw, TQG, AMMPS (8 Hours)

Secure trailer and site selection
Proper grounding and basic theory, Perform PC2IS
Identify and inventory both standalone and Power plant setups
Proper generator startup, basic troubleshooting and proper shutdown procedures.
Paralleling operations both Tactical Quiet Generators (TQG) and Advanced Medium Mobile Power Source (AMMPS)
Properly and safely operate PDISE (Power Distribution Illumination System Electrical) equipment

Power Generation Distribution Autodise (4 Hours)

Basic program overview, installation and operation of program
Basic layout of DRASH equipment to establish a Tactical Operations Center Standard operating procedures
Basic layout and establishment of power grid using PDISE equipment and basic theory of load balancing of 3 phase power.

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TST Sustainment Training

STT – Satellite Transportable Terminal

Instruct tactical networking theory, terrain placement, PC2IS, the setup of STT, loading of boot files, and peaking and polling for satellite acquisition. Instruct the configuration and operation of onboard devices to include Via Sat modem, Cisco switches, routers, firewalls, ACU, and the use of the onboard generator. Instruct the integration of the STT into the tactical network with a CPN, CPP, or JNN.

GBS – Global Broadcast Service

Instruct tactical networking theory, terrain placement, PC2IS, the setup of GBS, and satellite acquisition. The team will instruct / use the GBS management laptop. The team will instruct network integration into the tactical network and video feed through the CCS.

JNN – Joint Network Node

Instructs PC2IS, the placement and purpose of the JNN within the tactical network, and data flow throughout the rigid shelter. The team will focus on the configuring and wiring of all devices within the shelter to include, Cisco switches, routers, firewalls, Taclanes, Citrix WAN Scalers, Call Managers, and network management laptops for integration into the tactical network.

SNAP – (SIPR/NIPR) Access Point

Instruct tactical networking theory, terrain placement, PC2IS, the setup of STT, loading of boot files, and peaking and polling for satellite acquisition. Instruct the configuration and operation of onboard devices to include Via Sat modem, and Cisco switches. Instruct the integration of the SNAP into the tactical network with a CPN, CPP, or JNN.

HF Radios

PC2IS, inventory, and operation of AN/PRC-150. Instructs AN/PRC-150 capabilities, radio wave propagation, antenna configuration and deployment. Instruct and assist in the development of communication networks (Fix, ALE, 3G, 3G+), radio programming via Harris software.

HCLOS- High Capacity Line of Sight Radios (Harris)

PC2IS, inventory, and operation, of HCLOS Systems. Instructs antenna deployment, pointing and Data Transmission. Instruct the integration of the HCLOS into the tactical network with a CPN, CPP, or JNN.

Note: All classes are subject to time availability and equipment available. Units may be required to provide equipment.

Note: All the classes listed can be adapted to accommodate a left seat right seat type training environment. Most of these classes will not be suited for a classroom type environment and require a hands on learning approach.

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Simulations Support Team (SST)

The SST employs the Joint Land Component Constructive Training Capability (JLCCTC). JLCCTC supports Army Title 10 training worldwide for Army commanders and their staffs at Mission Command Training Centers (MCTCs). JLCCTC trains commanders and their staff in offensive, defensive, stability and civil support operations. JLCCTC creates a simulated operational environments for units Staff to exercise their Military Decision Making Process (MDMP) and develop their Common Operational Picture (COP) with their Mission Command Systems (C2IS). JLCCTC is a complete toolset for training Commanders and Staff in decisive action while providing the full range of military operations. It is a federation of constructive simulations that collectively simulate military operations and stimulate Mission Command Systems (C2IS). Information produced by the federation is used to stimulate the systems in a unit's Tactical Operation Center (TOC) and to allow training Commanders and Staff to react to incoming digital information. Targeted training audience is typically Brigade and Battalion Staff. JLCCTC provides an interface to Mission Command Systems allowing Commanders and Staff to train with their organizational real-world Mission Command equipment. JLCCTC capabilities include:

Stimulation of C2IS
Intelligence modelling capabilities
Irregular Warfare (IW) (insurgents, terrorists, car bombs/IEDs, civilians/refugees, etc.)
Unmanned Aerial System (UAS) Visualization
Logistics training (maintenance, supply, transportation, ammunition, personnel)
Non-kinetic effects modeling
After Action Review (AAR) system

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Intelligence and Electronic Warfare (IEW) Program

The Intelligence and Electronic Warfare Training Team provides a level of support to the Military Intelligence warfighter that has never been available before. Supporting the accomplishment of Military Intelligence Training Strategy (MITS) Tasks from at all levels of proficiency, the IEW Program is a veritable one-stop-shop for all of your unit's Intelligence Training needs. Through coordination with Ft Huachuca, and various Foundry sites, the IEW Program is able to support Intelligence Training at any echelon with any level of proficiency.

IEWTPT System Overview

The Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) provides proficiency training for Military Intelligence analysts and system operators to acquire and exploit intelligence data in a "train as we fight" simulated environment. IEWTPT fills critical intelligence warfighter training for Human Intelligence, Signals Intelligence, Geospatial Intelligence and All Source Intelligence. It directly supports individual, crew and collective training in support of mission command and unified land operations.

The Technical Control Cell (TCC) is the cornerstone training device of the IEWTPT and is the network interface to the exercise training environment. The TCC Lower Enclave operates up to the SECRET classification level and performs many functions to support exercise design, set-up, and execution. The TCC Upper Enclave, which operates at the Top Secret/Sensitive Compartmented Information classification level, drives all SIGINT specific training.

An important aspect of the IEWTPT is that it allows for 3D Unmanned Aircraft System feed with Synthetic Aperture Radar (SAR). This will place great emphasis on the unit's Collection Team and the ISR Plan, as well as provide the opportunity to perform timely and accurate Battle Damage Assessments training within the scenario.

HUMINT Intelligence Control Cell (HCC)

The FTIG IEWTPT team conducts HUMINT sustainment training utilizing the HUMINT Control Cell (HCC). Working as a standalone system; the HCC is a 3D game/engine based training device designed for HUMINT training creating a realistic training environment which supports a virtual person to person experience. It uses avatars which replicate sources as simulated role players, in a culturally specific environment (scenario) for realistic immersive training by allowing the Soldier to free flowingly ask a virtual subject questions about a particular event using different approaches and questioning techniques to gather information.

Unclassified Processing Analysis and Dissemination (UPAD) Enterprise

UPAD is an NGB-J2 established program that enables both Army and Air National Guard intelligence service members to perform Domestic Operations (DOMOPS) missions and provides incident commanders and decision-makers with the ability to receive unclassified imagery and analytical support through open source research/Publicly Available Information (PAI) in near real-time through the Domestic Operations Awareness and Assessment Response Tool (DAART).

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Course Catalog

Equipment for Training

Operator Level Training

This training is focused on developing Soldier proficiency with a specific system or software. For this training, the C2IST provides computers loaded with the latest software and operating systems.

Over the Shoulder (OTS

This training occurs after C2IS operators have learned the basics of their assigned system through participation in a basic operators course. As the staff conducts planning and operations in support of a training exercise (STAFFEX, CPX, WFX), C2IST personnel provide over the shoulder support to C2IS operators on an as needed basis. Units are expected to provide their own organic equipment for the conduct of STAFFEX, CPX, and WFX events.

Systems Compatibility

Whether a unit is fielded C2IS or has obtained white box C2IS systems, it must remain up-to-date with the current versions. The unit S6/G6 must be familiar with the C2IS versions used by higher headquarters and know which C2IS components have been fielded to the unit. This information must be made available to the MTC staff to ensure compatibility when integrating unit organic equipment with that of the MTC.

Training Environment

When considering conducting training at an alternate site or home station, ensure the training environment meets the following requirements: A classroom equipped with electricity to power a minimum of ten computer systems, a projector, projector screen, tables and chairs to support the size of the training audience.

Shipping Equipment

MTC-CHF can ship equipment to the unit's training location at no cost to the unit. To facilitate shipping, units must provide a shipping address and point of contact.

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<u>Collective Training</u>

<u>The Road to Warfighter</u>

ARNG Enhanced Readiness Posture requires all BCTs and supporting units to conduct multiple mission command exercises progressing toward an NTC Rotation and deployment. MTC-CHF has developed the road to warfighter training plan to assist units in preparing to successfully conduct the warfighter exercise. Units selected to conduct a WFX work with their OST/EST to progress through the Road to Warfighter Training Plan. (See page 17 for an overview of the road to warfighter).

The following MTC-CHF Staff sections provide assistance to the training unit STARTEX of the WFX.

<u>OST/EST</u>

Mentor, advise, assist and facilitate training for the Command Group/Commander and Staff in preparation and during the WFX.

<u>MCST</u>

MCS Operator Training prior to the training event and over the shoulder training during the STAFFEX, CPX, and FTX**.**

<u>DTT</u>

Provides Mission Command Training in current operations and plans. Supports all rehearsals by providing Subject Matter Expertise on Mission Command.

<u>Simulations Support Team (SST</u>)

Builds the simulation database to support the Master Event List in order to stimulate the Mission Command Systems and provide a Common Operating Picture for the exercise. Provides Simulation/Stimulation and gaming systems.

<u>TST</u>

Mission Command information systems integration and support in power generation and Deployable Rapid Assembly Shelter (DRASH) set-up.

<u>Network Operations Security Center (NOSC/S-6)</u>

Setup and configuration of servers to allow units an internal training capability.

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Position	Name	Office Phone
MTC Commander	LTC John "Chris" Brock	479-220-7006
MTC SGM	SGM Roy Omohundro	479-484-2538
MTC XO (FA57)	MAJ Mitchel Valley	479-484-2525
S-3 Operations Officer	CPT Albert Spanel	479-484-2527
S-6 COMMS Officer	CW2 Brandon Bitner	479-484-2537
S-6 COMMS NCO	SFC Christopher "Eric" Huddleston	479-484-2523
Budget/Admin NCO	SSG Kelsey Schacherbauer	479-484-2521

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