HEADQUARTERS
MANEUVER CENTER OF EXCELLENCE

ASSIGNMENT ORIENTED TRAINING (FUNCTIONAL) COURSE LEARNING OUTCOMES

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316TH Cavalry Brigade

FUNCTIONAL TRAINING AND EDUCATION

The 316th Cavalry Brigade offers a variety of functional training designed to enhance performance in the next assignment (assignment-oriented training) or as a part of lifelong learning. Functional training supplements the basic skills and knowledge gained through initial military training, PME, and the civilian education system. Its purpose is to qualify leaders, Soldiers, and civilians for assignment to duty positions that require specific functional skills and knowledge. An uncertain and complex future OE demands that Army functional training prepare leaders to operate with competence and confidence in ambiguous, frequently changing circumstances. Functional training supports Army efforts to ensure it prepares talented leaders to lead the Army into the future.

Destroyer Brigade Vision

-Every Student is an investment into the Professions future.

-Strive to project essential knowledge, skills, and abilities into our Formations.

-Serve as a key enabler for unit readiness in order to win the first engagement of the next war.

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Student Waiver Process

Students anticipating attendance to a course who do not meet the indicated prerequisites qualifications must submit and have an approved waiver prior to attendance.

Students requesting course/phase prerequisite waivers (e.g. AOC/MOS, Rank/Grade, Medical/Physical Standards, etc.) or units requesting changes to POI content (e.g. during "on site" course conducts (MTT) request to delete/modify lessons/blocks of instruction, shortage of equipment, etc.) will submit their request through the first LTC Commander in their chain of command.

Waivers (minus Medical/Physical) must be submitted NLT 75 days prior to the class start date.
Waivers for Medical/Physical requirements must be submitted NLT 90 days prior to class start date.

Waivers may be submitted electronically to the following email:

For Proponent 071 (Infantry), the Chief of Infantry is the waiver approval authority.
usarmy.benning.mcoe.mbx.usais-training-waivers@mail.mil

For Proponent 171 (Armor), the 316th Cavalry Brigade Commander is the waiver approval authority.
usarmy.benning.mcoe.mbx.316th-cavalry-brigade-s3@mail.mil

INTRODUCTION

The 316 Cavalry Brigade educates and trains leaders serving in all components and BCT types across the Army to operate and excel in critical assignments in order to increase maneuver units' ability to fight as part of a combined arms team and deliver precise direct fires to decisively win the first battle of the next war.

Contact Information	
316TH Cavalry Brigade	
24hr Staff Duty Desk	706-626-8113
Brigade S-3	706-545-8660
Training Officer-Specialist Institutional Training Requirements	706-545-8668
Abrams Hall (IHG)	706-689-0067

Websites
ATRRS: https://www.atrrs.army.mil/atrrscc/search.aspx
Maneuver Center of Excellence (MCoE) https://www.benning.army.mil/MCoE
Armor School: https://portal.tradoc.army.mil/sites/usaarms/SitePages/Home.aspx
316th Cavalry Brigade http://www.benning.army.mil/armor/316thCav/

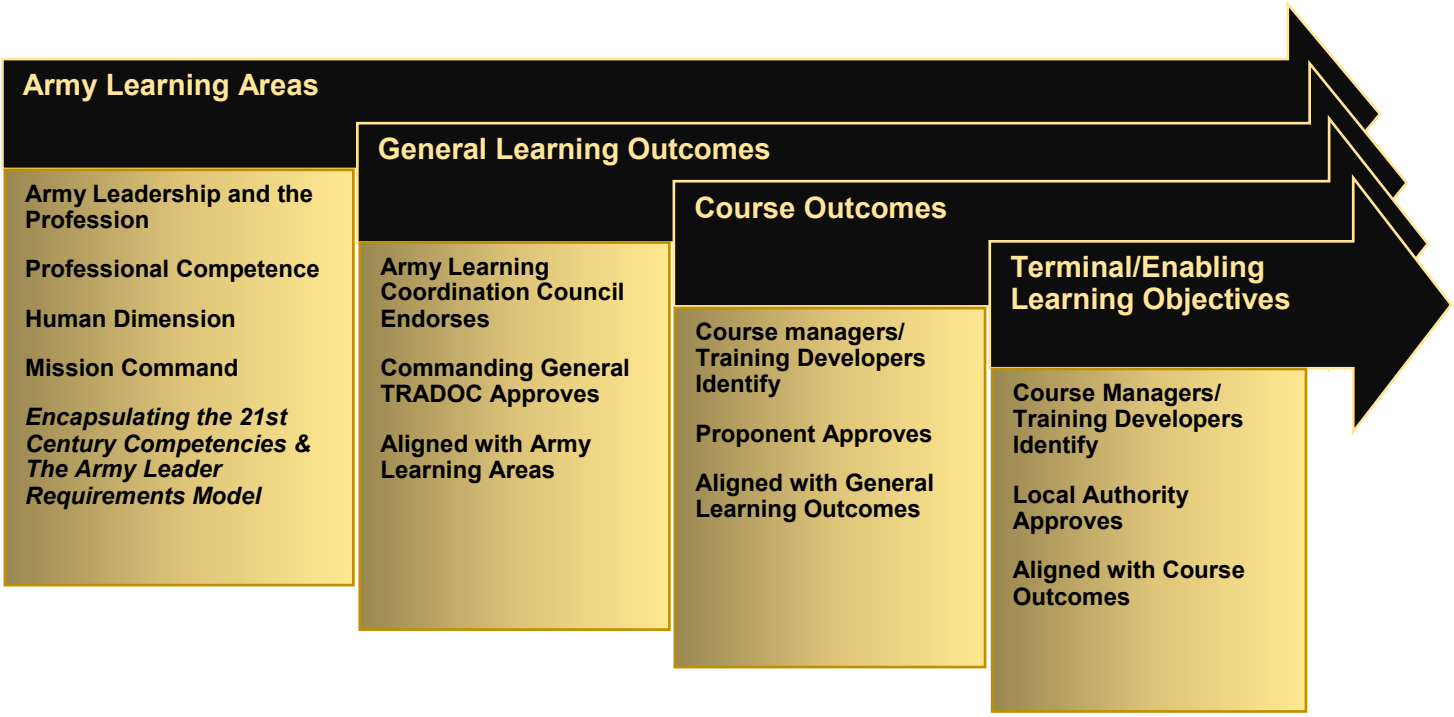
THE U.S. ARMY LEARNING CONCEPT FOR TRAINING AND EDUCATION (2020-2040)

The Army learning concept describes a future Army learning environment that meets the need to develop adaptable, thinking Soldiers and Army civilians with the learning competencies to generate and sustain trained teams. The concept focuses on individual learning to enable individualized and career-long learning that is integrated seamlessly with unit training capabilities to support the conduct of joint combined arms operations.

The Army Learning Areas (ALA) and General Learning Outcome (GLO) Framework enhances the ability of COEs/schools to implement the Army Learning Model. The new framework will continue to emphasize a learner centric continuum that begins when an individual becomes a member of the profession and does not end until departure from service. The Army Learning Area taxonomy provides a framework to assist in grouping the General Learning Outcomes. Similar to the elements of operational art, the Army Learning Areas provide the focal point for trainers and educators to draw connections to expected Army Professional Learning requirements when developing learning strategies. The learning areas foster the tenets of leader development and the vocation of the profession, emphasize human dimension, stress empowering subordinates through well-structured intent in Mission Command, and incorporate employment of crucial skill sets to be successful in Unified Land Operations through professional competence.

General Learning Outcomes are essential outcomes resulting from training, education, and experience along a career continuum of learning. They are derived from the Army Learning Areas with specific learning outcomes, which are translatable universally across the leader development domains (operational, institutional, and self-development). There are three primary purposes for the Army General Learning Outcomes. First, they provide trainers and educators a lens into how effective they are in conveying their support material. Second, it assists in improving instructional design and/or training support packages. Finally it places responsibility on training and education proponents to be nested with ALAs.

THE LEARNING OUTCOME HIERARCHY



GENERAL LEARNING OUTCOMES

ALA: Army Leadership and Profession

1. ***Soldiers and Civilians proficient in leader attributes and competencies.*** This GLO includes: Leader Development, Counseling, Coaching, and Mentoring.
2. ***Soldiers and Civilians proficient in character, competence, and commitment as Trusted Army Professionals.*** This GLO includes: The Army Profession, Ethic, and Character Development

ALA: Mission Command

3. ***Soldiers and Civilians demonstrate proficiency in mission command philosophy.*** This GLO includes: Build Teams through Mutual Trust, Create Shared Understanding, Provide Commander's Intent, Exercise Disciplined Initiative, Use Mission Orders, and Accept Prudent Risk.
4. ***Soldiers and Civilians demonstrate proficiency in mission command leader and commander tasks.*** This GLO includes: Lead the Operations Process, Inform and Influence Relative Audiences, Develop Teams within Units and Unified Action Partners, Art of Command / Science of Control, Pre-Combat Inspections, Lead the Unit, Organize Staff for Operations, Rapid Decision and Synchronization Process, and Troop Leading Procedures.
5. ***Soldiers and Civilians demonstrate proficiency in mission command staff tasks.*** This GLO includes: The Operations Process (Military Decision Making Process and Design Methodology), Information-related Capabilities, Knowledge Management, and Cyber-Electromagnetic Activities.
6. ***Soldiers and Civilians demonstrate proficiency in mission command systems.*** This GLO includes: Common Operating Picture and Mission Command information Systems.

ALA: Human Dimension

7. ***Soldiers and Civilians demonstrate capacity in creative - critical thinking.*** This GLO includes: Applied Critical Thinking and Groupthink Mitigation, Strategic Thinking, Problem Solving, and Decision Making.
8. ***Soldiers and Civilians demonstrate proficiency in communications skills.*** This GLO includes: Verbal, Written, Active Listening, Facilitation, Negotiations, Social media, and Digital Communications.
9. ***Soldiers and Civilians demonstrate proficiency in cultural awareness, cross cultural competencies in the strategic environment of 2025 and beyond.*** This GLO Includes: Strategic Communications, Public Affairs Awareness, and Joint Inter-Governmental and Multi-National Relations.
10. ***Soldiers and Civilians pursue Comprehensive Fitness / Resiliency Skills and Performance Enhancement Skills.*** This GLO includes: Physical, Social, Emotional, Spiritual, and Family Fitness.
11. ***Soldiers and Civilians pursue lifelong learning, self-assessment, and goal setting.*** This GLO includes development of Soldiers and Civilians with intellectual diversity and capacity through innovative learning programs to succeed in complex operational environments.

ALA: Professional Competence

12. ***Soldiers and Civilians demonstrate proficiency in Army and Joint doctrine.*** This GLO includes: Unified Land Operations, National Security Policies, and Military Strategies and Capabilities.
13. ***Soldiers and Civilians support Army policies, programs, and processes.*** This GLO includes: Understanding and contributing to Army Systems that manage, develop, and transform the Army and sufficient business and organizational management acumen at assigned echelon/unit level to allow innovation and entrepreneurship.
14. ***Soldiers and Civilians are technically and tactically competent.*** This GLO includes: Branch and Career Management Field proficiency, Career Programs, Series Technical Certifications, and Warfighting Skills.

MANAGEMENT OF ARMY INDIVIDUAL TRAINING REQUIREMENT AND RESOURCES

The Army uses three methods to develop training seat requirements; The Accessions Mission, Promotion Rates/ Centralized Selection Board, and Total Army Centralized Individual Training Solicitation (TACITS). The TACITS helps develop the training seat requirements for functional or special skills training. HRC solicits training seat requirements from Army Commands (ACOM), Army Service Component Commands (ASCC) and Direct Reporting Units (DRU), State Adjutant General and other services and agencies. This is a bottom up requirements development process.

The Army uses two methods to validate training seat requirements.

1. The Structure and Manning Decision Review (SMDR) is the primary method for validating annual training seats requirements. The SMDR produces the Army Program for Individual Training (ARPRINT), which competes for training resource requirements in the Program Objective Memorandum (POM).

2. The Training Resources Arbitration Panel (TRAP) validates and adjusts training seat requirements in the ARPRINT during the budget or execution year. The TRAP is not aligned with the POM build; therefore, training seat increases might require additional resources.

The three methods to develop individual training seat requirements inform the SMDR and TRAP processes. The TACITS survey is conducted annually, usually six months prior to the start of the SMDR. The TACITS survey primarily informs the SMDR and allows unit quota source managers the opportunity to identify and project future functional training needs for resident and MTT courses. To inform the POM, the SMDR validates individual training seat requirements (for resident and MTT courses) for the first three years of the POM. SMDR validation is based on the best information available at the time. Changes to the training seat requirements inside the two-year window (budget and execution years), such as force structure changes, revised deployment schedules, and evolving operational training requirements in a dynamic operational environment often necessitate conducting a TRAP to validate course training seat changes to the ARPRINT.

To improve the accuracy of training seat requirements developed based on promotion rates and centralized selection boards or the TACITS survey, the Army convenes the Institutional Training Working Group (ITWG). The ITWG helps refine institutional training seat requirements programmed between the SMDR and execution year. ITWG: The ITWG is an 'Ad Hoc' working group and addresses unplanned/un-programmed training-seat requirements (resident and Mobile Training Trams (MTT)) for the budget year in support of force generation and reprioritizes (as necessary) programmed seat requirements for the year of execution. The ITWG uses a living (changeable) institutional training support plan to guide development of the seat requirements.

FORT BENNING TRAINING TRAVEL GUIDANCE

RESIDENT COURSE ATTENDANCE:

IAW AR 350-10 all reservations are to be posted to ATRRS no later than 45 days prior to class start date or quotas will be made available to any quota agency on a first-come basis. For situations where actual names are not known 45 days prior to start date, holds can be placed on quotas until names can be substituted. Holds not changed to valid names 15 days prior to class start will be automatically dropped and seats will be available on a first come, first served basis.

Soldiers in a TDY/ADT status will report to ABRAMS Hall, Building 1670 for lodging room assignment except for those attending the below 316th Cavalry Brigade Courses:

Combat Advisor Training Course
Army Reconnaissance Course
Armor Basic Officer Leader Branch

Lodging requirements will be centrally funded from class report date to class end date. Subsistence requirements will be centrally funded from class start date to class end date.

Sending commands are encouraged to support compact rental cars for Soldiers who must fly. In and around mileage for those authorized to drive their POV is not authorized.

The order issuing official will direct Government provided meals seven days per week at no cost to Soldiers sending command. Cost of Government meals are centrally funded by the Government. Therefore, Per Diem for meals is not authorized. Directed government meals begin on class start date and end on class end date except when continuous TDY is directed (for example, multiple courses at the same training site (less than 20 weeks), class recycles, medical holds, UCMJ, etc.).

NOTE: Units are responsible for properly initiating the Meal Entitlement Code (MEC) on the CAC when TDY to school.

For further information please go to: https://g357.army.pentagon.mil/tr/TRI/ITTG/default.aspx

TEMPORARY DUTY TRAVEL ORDERS WILL NOT BE ISSUED IN THE FOLLOWING CIRCUMSTANCES: WHEN TRAINING SEAT RESERVATION CONDITION IN THE ARMY TRAINING REQUIREMENTS AND RESOURCES SYSTEM IS SHOWN AS ANYTHING OTHER THAN A RESERVATION (R), SUCH AS, A WAIT (W) OR CANCELLED RESERVATION.

Commands complete Soldier reservations in ATRRS NLT 45 days prior to class start date for functional course MTTs.

Request to non-conduct programmed MTTs will be submitted from the host unit through the first O-6 Commander in their chain-of-command to their servicing ACOM/ASCC no later than (NLT) 60 days prior to execution. ACOM/ASCCS will then forward the request to DAMO-TR for final disposition.

TRADOC schools post inputs and outputs on a by-name/SSN bases to ATRRS not later than 5 working days after the start or end of the class. TRADOC instructors submit daily personnel reports to their school HQs and notifies local MSE G3 of failures to report.

FORMAL / Out of Cycle TRAP requests

Organizations will use the Formal/Out-Of-Cycle TRAP Request Form to submit the following requirements:

- Formal TRAP Request (For programming/Army funded)
- Out of Cycle TRAP (New Requirement/Unit Funded)
- Assign available MTT
- Un-assign MTT and make available to another organization
- Non-conduct a programmed MTT, return quotas to holding class. If a TRAP 030, make available
- Quota swap
- Quota Increase / Decrease
- Change dates of a programmed MTT
- Change location/UIC/POC of an assigned MTT
- Schedule Class using Programmed Quotas

Out of Cycle TRAP (New Requirement/Unit Funded) MTT requests that are not part of programmed requirements through the Structure and Manning Decision Review (SMDR) process, require the requesting unit to fund all expenses related to the requested training.
Requests must be submitted through the requiring activities chain of command using the Formal/Out-Of-Cycle TRAP Request Form, through DA3-5-7 and TRADOC. Once approved the requirement will be scheduled.
For un-programmed “in year” requirements requesting activities must ensure their request answers the below questions.

a. Explanation as to why this training requirement was not identified earlier and placed in a formal TRAP.
b. What is the "critical" and "immediate" need of the requesting command or agency to meet an extraordinary mission requirement?

Units are not authorized to schedule MTTs directly with the schools. TRADOC schools will only schedule un-programmed MTTs received in a documented TRAP request approved by HQDA.

Commands are responsible to fund their un-programmed MTTs. Units are responsible for funding Out of Cycle TRAP approved MTTs and any additional costs as a result of increased program quotas.

Unit/Installation/MSE training managers will contact TRADOC schools to determine resource requirements and discuss specific training needs for conducting the MTT. TRADOC schools will not take any action to accept or schedule an MTT based on this coordination. Units are responsible for initiating with TRADOC schools.

Unit/Installation/MSEs will ensure that Soldiers meet course prerequisites and have no issues that may interfere with their attendance. Soldiers will be exempted from all unit activities while enrolled in school. Chain-of-command visits to observe training should be limited. Visits are not permitted during testing.

All unit-provided required resources must be coordinated prior to the site survey time. Unresolved issues between the unit and the school will be forwarded to the ACOM/ASCC G3 for resolution and a copy to the training command MTT cell.

Offline TRAP - MTT Request Process

MTTs are processed/allocated on a first come basis. MTT requests that are not part of programmed requirements through the Structure and Manning Decision Review (SMDR) process, require the requesting unit to fund all expenses related to the requested training.
In order to meet the requiring activities intent, the requesting organization will need to receive approval through their chain of command, through DA3-5-7 and TRADOC.

Requesting Unit

- Requiring activity submits appropriate forms (must be signed by the first O6 in your COC) through Division/Corp POC
- FORSCOM TRAP Request Form (Ensure request answers the following questions)
- Explanation as to why this training requirement was not identified earlier and placed in a formal TRAP?
- What is the "critical" and "immediate" need of the requesting command or agency to meet an extraordinary mission requirement?
- Student Roster

Requesting unit:
- ✓ Pays TDY
- ✓ Provides Equipment required to meet Program of Instruction
- ✓ Feeds ATRRS

MACOM

- FORSCOM
  - Request must go thru U.S. Army Forces Command ADCS, G-3/5/7 (Schools)
    - POC: Mr. Rick Cowan. Comm (910) 570-5351; rick.a.cowan.civ@mail.mil
- ARNG-TR
  - Request must go thru State's Quota Source Manager/G3 to ARNG-TRI
    - POC: Mr. Michael Dalton. Comm:(703) 607-7343; michael.w.dalton10.civ@mail.mil

Validation

- DA 3-5-7 (Mr. Mark Smith); HQDA DCS G-1 (Mr. Doug McCain) and HRC (Mr. Donald Johnson)
- TRADOC (Mr. Jake Williams and Mrs Sheryl Hinds)
- MCoE G3 (Mr. Mark Sweeney)
- 316th Cavalry Brigade (Mr. Richard Eggers)

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MASTER GUNNER COMMON CORE
920-F83 (MC)
(POI 02.0 / 5 weeks)

Course Purpose

Train select noncommissioned officers on advanced universal gunnery methodologies, gunnery training with a focus on mounted machine gun platforms, the planning and implementation of unit level gunnery training programs (un-stabilized), and maintenance of crew-served machine guns.

Course Scope / Outcomes

Master Gunner Common Core is taught in 25 days in four modules:

DIRECT FIRE AND WEAPONS TRAINING: Teaches students to train the direct fire engagement progress in order to provide a standardized method of engagement for weapons and platforms on the battlefield. This allows Soldiers and leaders to maximize the effects of lethal fires against the enemy while reducing or eliminating the likelihood of fires on friendly or neutral personnel, equipment, or facilities. Trains maintenance procedures used to identify and troubleshoot complex malfunctions that occur during the firing of M240 series, M2 series , and MK19 machine guns.

AMMUNITION AND BALLISTICS: Trains the ability to identify, classify, and forecast direct fire munitions that will enable Soldiers to manage ammunition allotments and training requirements at the Battalion level. Trains atmospheric effects on rounds due to nonstandard conditions in order to increase probability of first round impacts on target. Trains students to develop surface danger zones, and verify live fire training being conducted IAW Installation, DA and DOD regulations.

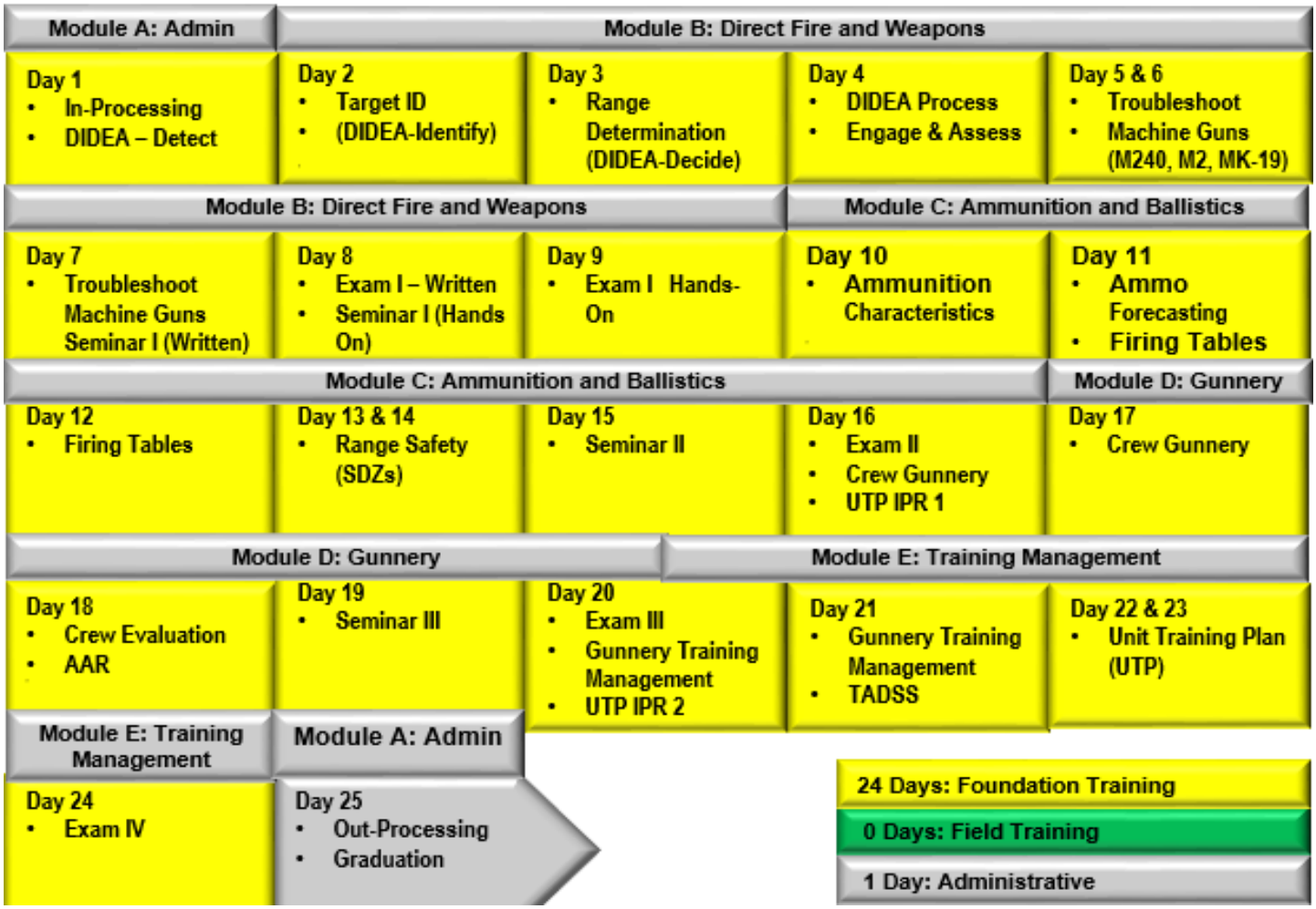
GUNNERY TRAINING MANAGEMENT: Trains students to develop gunnery programs (un-stabilized) that sustain and improve unit gunnery proficiency training based on the Commander's intent and the Commander's assessment of unit's strengths and weaknesses. The Gunnery Program provides supervised decentralized training to include but not limited to key collective tasks. Warfighting Skills, preliminary gunnery training and integration of training devices and simulation, individual and crew-served weapon training and qualification. The emphasis on gunnery standards focuses unit's direct fire lethality in combat operations to build and maintain ready units conducting unified land operations for Combatant Commanders as outlined in ADP 7-0.

UNIT TRAINING PLAN: Trains students to develop a battalion level unit training plan for mounted machine guns. Soldiers conduct –n-progress reviews throughout the course to ensure they are documenting all resources and prerequisites required for crew qualification. The course culminates with a briefing of the unit training plan they designed to a panel of simulated Battalion Staff.

COURSE OUTCOMES:

- Evaluate direct fire procedures in order to identify procedural errors that violate the principles of direct fire.
- Troubleshoot complex machine gun malfunctions
- Integrate the procedures, duties, and responsibilities necessary for planning, establishing, and executing both permanent and temporary live-fire ranges and tactical courses.
- Develop scenarios and unit training plans (UTP) for unit gunnery programs (un-stabilized) that sustain and improve unit combat gunnery proficiency within the progressive training model.
- Advise Commanders on assigned weapon and ammunition capabilities, as well as enemy vehicle capabilities , in order to best employ organic assets.

MASTER GUNNER COMMON CORE
920-F83 (MC), Ver. 02.0
COURSE MAP



Course Prerequisites

- **Component:** Active and Reserve Component of the US Army and US Marine Corps
- **Assignment:** Prerequisite for 020-ASIK8 M1A2 SEP Master Gunner, 010-ASIJ3 Bradley Master Gunner, or 020-ASIR8 Stryker Master Gunner courses.
- **Rank/Grade:** SGT/E5 to SFC/E7
- **MOS:** 11B, 12B, 13F, 19D, or 19K (US Army), MOS 1812 or 1833 (USMC) other MOSs who meet all other prerequisites, may request a waiver to attend
- **Profile:** Minimum GT score of 100; IAW AR 600-9 The Weight Control Program
- **Other:** Provide documentation (Army DA Form 7758; USMC DA Form 7558R) successful completion within 6 months of class start date (12 months reserve); Gunnery Skills Test (GST) task IAW TC 3-20.31-1, Chapter 8: Vehicle ID (Task 2), MK19 (Tasks 3&5), M2A1 (Tasks 6&8), and M240 (Tasks 9&11); or equivalent platform-based asks IAW AR 350-1 (para 3-13b), provide documentation)DA Form 705 and DA Form 5500/5501, dated within 60days of class start) of compliance with Army fitness and body composition standards.

M1A2 SEP MASTER GUNNER COURSE
020-ASIK8
(POI 07.0 / 7.4 weeks)

Course Purpose

Trains select noncommissioned officers to advise and assist unit leaders in planning, preparing, executing, and assessing gunnery training programs, trains unit combat vehicle crews and leaders in techniques and procedures to engage the full capability of their weapon platforms in precision direct fire engagements, and support unit level maintenance on M1A2 SEP fire control and weapon systems.

Course Scope / Outcomes

The M1A2 SEP MASTER GUNNER course is a 7-week 4-day course which utilizes collaborative instruction and experiential learning strategies to train Master Gunners, focusing on the following areas:

MAINTENANCE TRAINING: Trains maintenance procedures used to identify and troubleshoot complex malfunctions that occur in the tank turret electrical, hydraulic, armament, and fire control systems. Management of maintenance records for tank armament systems.

GUNNERY TRAINING: Trains advanced gunnery methodology, doctrinal, and technical procedures needed to assess crew proficiency, identify crew procedural errors that cause a tank not to hit a target, provide training for crews to operate the tank to its design capabilities.

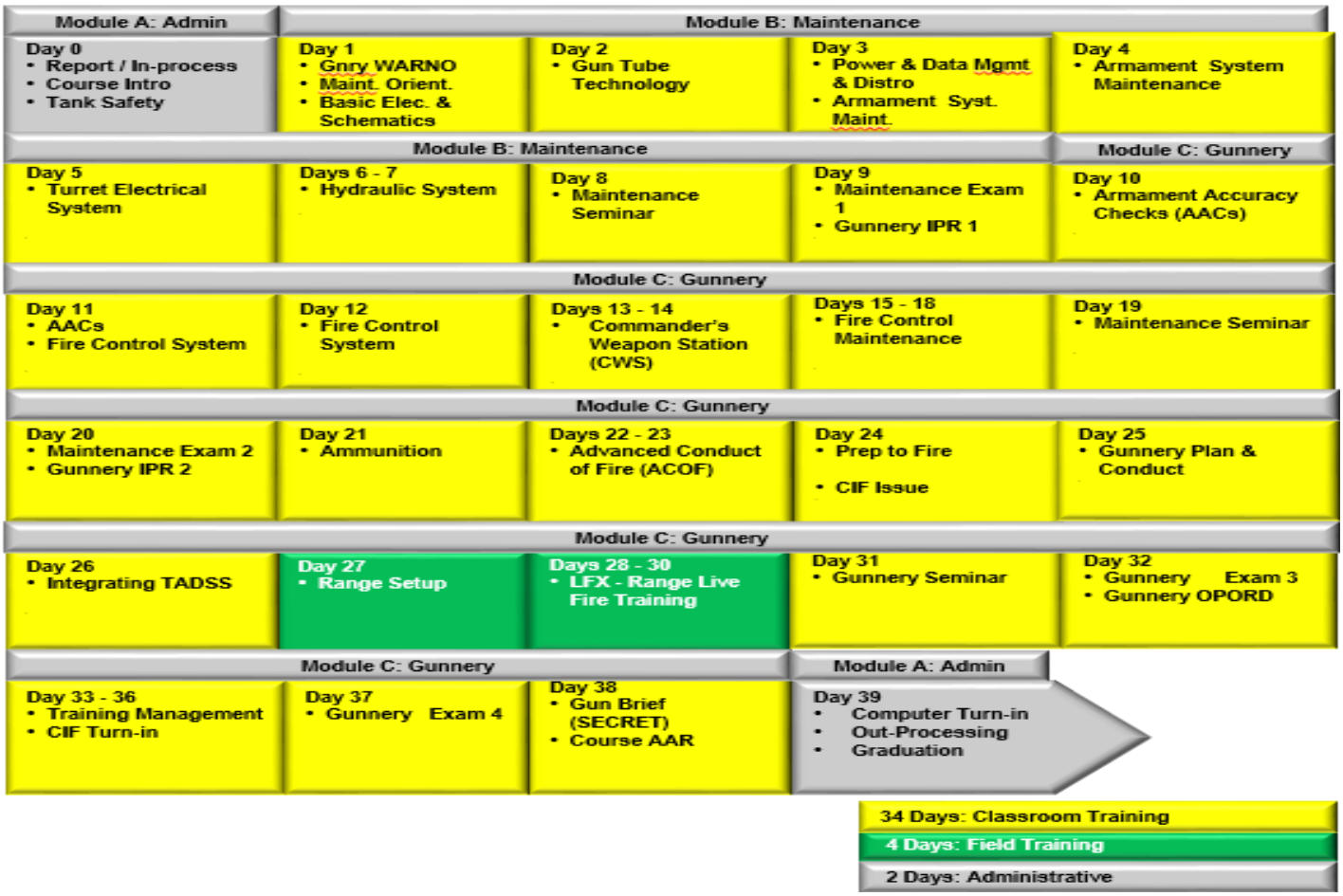
GUNNERY TRAINING MANAGEMENT: Trains leaders to conduct Unified Land Operation as Outlined ADPs 3-0 and 7-0, with the main emphasis on tank gunnery standards, preliminary gunnery training, supervised decentralized instruction, integration of Training Aids, Devices, Simulations and Simulators (TADSS), assessment of unit strengths and weaknesses, and development of an annual gunnery program that sustains and improves unit tank gunnery proficiency.

COURSE OUTCOMES:

- Assess unit Maintenance and Maintenance Management policies and procedures pertaining to Turret Mounted Weapons Systems and Related Components.
- Troubleshooting Turret Fire Control and Weapon Systems and Diagnose Malfunctions.
- Advise unit Commanders on the capabilities and limitation of M1A2 SEP Weapons and Ammunition in order to most effectively employ the platforms.
- Develop a Unit Training Plan for all aspects of an ABCT's Unit Gunnery Training.
- Evaluate and train crews to effectively utilize the M1A2 SEP Fire Control and Distribution Systems.
- Manage Simulation Instructor / Operator to fully integrate available ABCT Crew Gunnery Simulation Systems.

"The truth of the matter is that you always know the right thing to do.
The hard part is doing it"
-GEN (R) Norman Schwarzkopf

M1A2 SEP MASTER GUNNER COURSE
020-ASIK8, Ver. 07.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army, Reserve Component and United States Marine Corp
- **Assignment:** Graduate of the Master Gunner Common Core 920-F83. 1 year experience as a tank commander. Must have a minimum 12 months remaining in service obligation after graduation IAW AR 614 -200, Para 496f and Table 4-1.
- **Rank/Grade:** E6 to E7 (E-5 may be granted a waiver to attend, as long as they meet all other requirements).
- **MOS:** 19K (Army), 1812 (USMC)
- **Profile:** Minimum GT Score of 105 and CO score of 110 (Up to 5 point waiver may be granted for either GT or CO score, not both).
- **Other:** Battalion Commander's Interview/Letter of Recommendation. Successful completion of all GST tasks IAW TC 3-20.31-1 (Chapter 2 for M1A1 or Chapter 3 for M1A2 SEP) within 9 months of attendance. Qualified Gunnery Table VI as a Tank Commander on the M1A2 SEP or M1A1 (USMC/ARNG) within 1 year of attendance (2 years Reserve Component) or fired the M1A2 SEP during NETT (waiverable)

BRADLEY MASTER GUNNER COURSE
010-ASI J3
(POI 03.0 8.2 weeks)

Course Purpose

Trains selected noncommissioned officers to assist unit leaders in planning and implementing gunnery training programs.

Course Scope / Outcomes

The Bradley Infantry Fighting Vehicle System Master Gunner course is an 8 week 2 day course which utilizes small group training methodologies to train Master Gunners on Bradley Fighting Vehicle weapon systems maintenance and ABCT gunnery training strategies.

MAINTENANCE TRAINING - Training is focused on identifying malfunctions, troubleshooting, and maintaining the BFV turret components: Performing Unit Level Maintenance on the M242 25-MM Enhanced Automatic Gun, Maintaining DA Form 2408, Improved Bradley Acquisition Subsystem; Commanders Tactical Display, Improved TOW Acquisition Subsystem, Sights and Displays, Turret Controls and Indicators, Electronic Control Assembly, and Vehicular Communication Components.

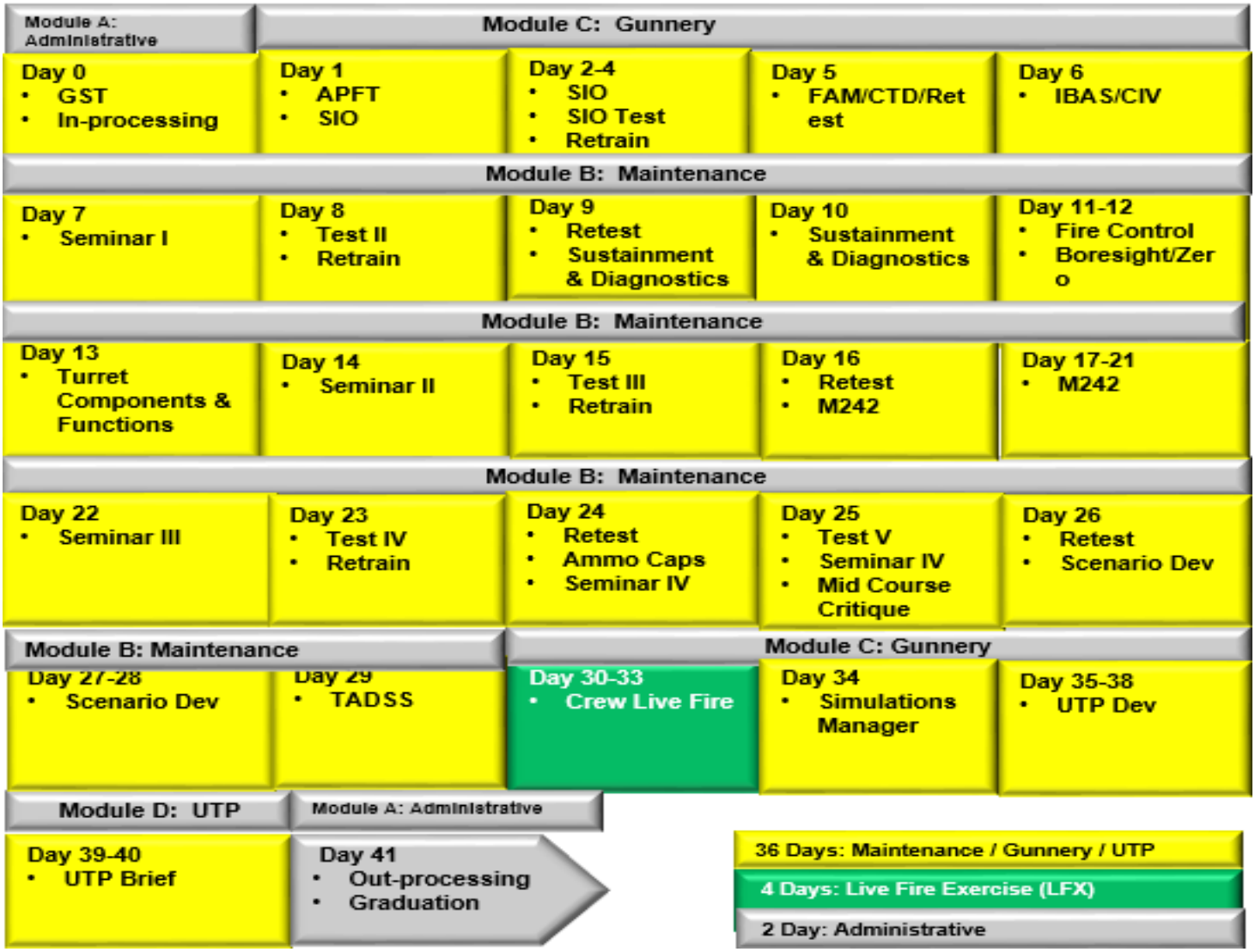
GUNNERY TRAINING— Training focuses on Unit Training Plan Development and Briefs, and Increasing lethality in unit gunnery programs: Gunnery Training Strategies, Senior Instructor Operators, BFV Training Devices and Simulations, Gunnery Scenario Development. BFV Specific Ammunition Capabilities; Range Operations; Training Unit Combat Vehicle Crews, Crew Live Fires, and Advanced Section and Platoon Qualifications.

COURSE OUTCOMES:

- Demonstrate Expertise in Maintenance and Maintenance Management of Turret Mounted Weapons Systems and their Related Components
- Demonstrate Expertise in Troubleshooting Turret Gun Systems and Eliminating Malfunctions
- Demonstrate Knowledge on BFV Ammunition Capabilities
- Demonstrate Knowledge in the Development of a Unit Training Plan for ABCT Unit Gunnery Training
- Demonstrate Expertise in the Fire Control and Distribution System
- Demonstrate Expertise in the Management and Certification of Simulation Training Programs

"Leadership is intangible, and therefore no weapon ever designed can replace it."
-Gen. Omar N. Bradley

BRADLEY MASTER GUNNER COURSE
010-ASI J3, Ver. 03.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army and National Guard
- **Assignment:** Graduate of the Master Gunner Common Core 920-F83 and Basic Leader Course
- **Rank/Grade:** SGT (P) to SFC
- **MOS:** 11B, 12B, 13F, and 19D.
- **Clearance:** SECRET
- **Profile:** Minimum GT Score of 100; IAW AR 600-9 The Weight Control Program
- **Other:** Time in Service 4 years. Passed Gunnery Skills Test (GST) within 6 months of attendance. Qualified on the BFV Gunnery Table VI within 12 months. BATS and COFT certified within 12 months of attendance.

STRYKER MASTER GUNNER COURSE
020-F32
(POI 02.0 / 7.4 weeks)

Course Purpose

Train select noncommissioned officers to advise and assist unit leaders in the planning and implementation of direct fire gunnery training and the integration of weapon platforms (RWS, ATGM, MGS) within the SBCT. Produce Master Gunner graduates who can train unit combat vehicle crews in techniques and procedures to engage the full capability of their weapon platforms in precision direct fire engagements, and who support unit level maintenance on Stryker Variant vehicle's fire control and weapon systems.

Course Scope / Outcomes

The Stryker Master Gunner Course is taught in 39 days. The curriculum focuses on the following training areas:

Weapon System Technology: Trains students to perform diagnostic maintenance procedures used to identify, troubleshoot, and repair complex malfunctions at the unit level that occur in the weapon and fire control systems of Stryker Variants: M1126 ICV, M1128 MGS and M1134 ATGM vehicles to develop baseline data used in the analysis of weapons function.

Gunnery Training: Plans, Prepares and Implements training on the techniques and procedures to fully integrate the weapons and fire control systems' capabilities, under normal and unusual conditions. Trains advanced gunnery methodology, doctrinal, and technical procedures needed to assess Stryker Variant proficiency in Tier 1: Combined Arms Live Fire Exercise (CALFEX), Tier 2: Section/Platoon Gunnery, and Tier 3: Crew Gunnery. Provides training on identified procedural errors to increase a crew's ability to operate weapons systems to its designed capabilities.

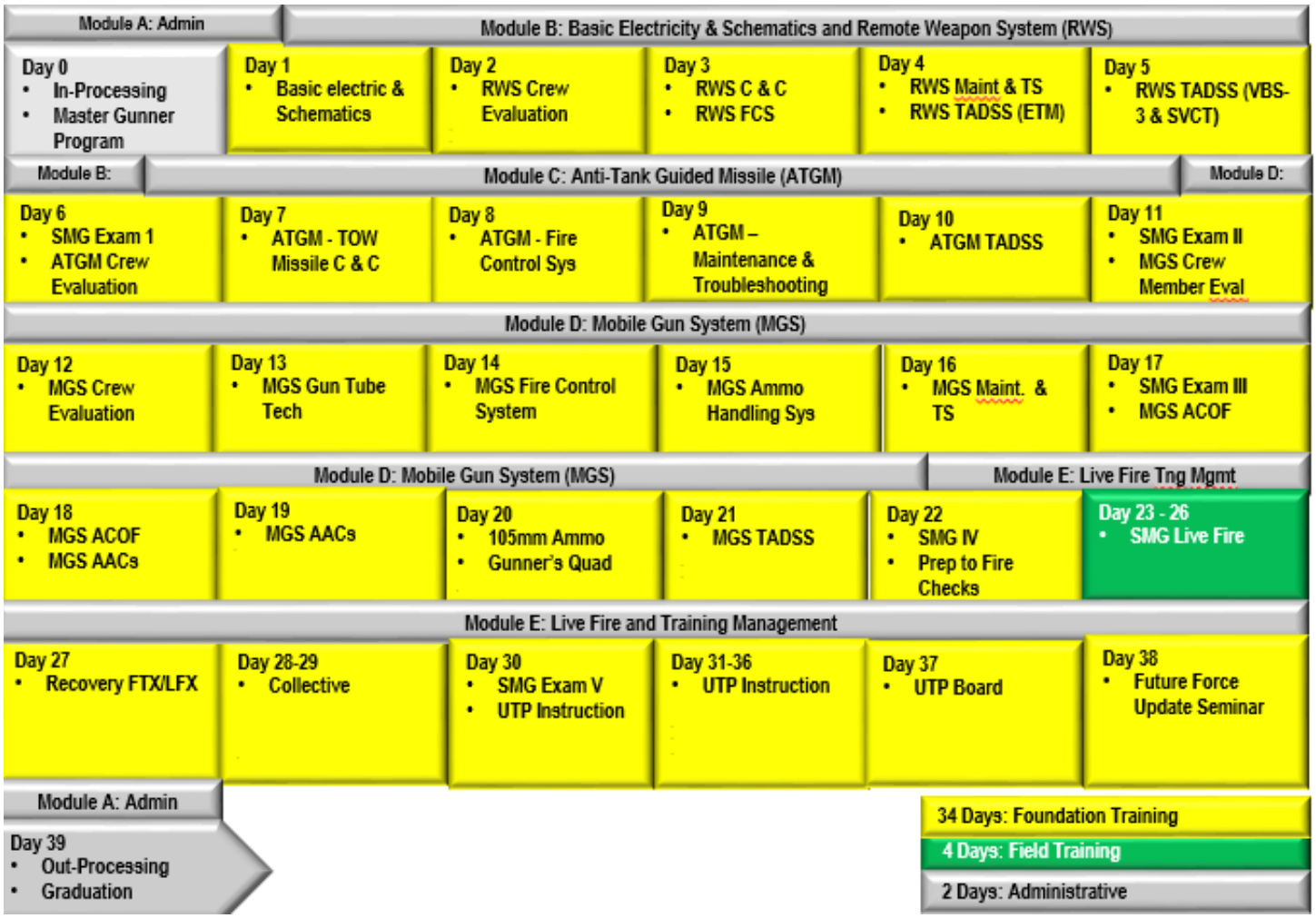
Gunnery Training Management: In accordance with ADP 7-0 Training Units and Developing Leaders training management principles; and the Integrated Weapons Training Strategy (IWTS) TC 3-20 series; trains students how to assess a unit gunnery program and inform the commander of trends in strengths and weaknesses. Develops an effective gunnery training plan to sustain and improve crew/maneuver elements based on their Commander's intent and guidance. Develops a Gunnery Program that provides supervised decentralized training to include, but not limited to, key collective tasks, Warfighting Skills, preliminary gunnery training, and integration of Training Aids, Devices, Simulations and Simulators (TADSS), individual and crew-served weapon training/qualification and ammunition forecasting/management.

COURSE OUTCOMES:

- Demonstrate technical competence on Stryker Variant Fire Control and Weapons Systems and instill that competence in the unit's vehicle crews.
- Demonstrate the ability to make appropriate use of available TADSS.
- Develop a Direct Fire Sustainment Plan to embed in a Unit Training Plan using the Army Training Management process.

"Behold, a pale horse: and his name that sat on him was Death, and hell followed with him."
-Revelations 6:8

STRYKER MASTER GUNNER COURSE
020-F32, Ver. 02.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army and National Guard
- **Assignment:** Graduate of the Master Gunner Common Core 920-F83.
- **Rank/Grade:** SGT E-5 through SFC-E7
- **MOS:** CMF 11 or 19. (Soldiers with MOS 12B, or 74D, who meet all other attendance requirements, may be granted a MOS waiver to attend).
- **Profile:** ASVAB GT score of 105 and CO score of 110 (5 point waiver may be granted for either GT or CO, but NOT both)
- **Other:** Must have passed Gunnery Skills Test IAW TC 3-20.31-1 CH 4 or 7 and performed Crew Qualification IAW TC 3-20.31 on either the ICV, ATGM or MGS with 12 months (24 months National Guard). It is highly recommended that Master Gunner Candidates are trained on GST tasks IAW TC 3-20.31-1 CH 4 and 7 for all 3 variants (MGS, ICV with RWS and ATGM) prior to attendance.

GUNNERY SIMULATIONS TRAINING MANAGEMENT MANAGER COURSE
020-F13 (MC)
POI 02.0 / 3.0 weeks)

Course Purpose

To provide Armor Brigade Combat Teams and Stryker Brigade Combat Teams a highly qualified 19K/D Simulations Training Manager trained on platform specific systems and un-stabilized training systems.

Course Scope / Outcomes

The Gunnery Simulations Training Management Course trains Soldiers assigned to Armor Brigade Combat Teams and Stryker Brigade Combat Teams to manage simulation training for stabilized and un-stabilized weapon platforms. Initial training will include training management and managing systems that support un-stabilized platforms. Second training module will be specific to their combat platform simulation system and section and platoon training. The final module will be to coordinate with the unit Master Gunners to design and implement simulation training into Unit Gunnery train up.

M1A2, MGS (AGTS*): Conduct Power Up / Power Down procedures, perform maintenance checks and services, conduct briefings and training sessions, operate the AGTS in section and platoon level exercises, design section and platoon level training with Computer Generated Forces, react to emergency equipment malfunctions, track crew progression and the instructional subsystem of AGTS, Management Functions on the AGTS, Training Management, Training Managers duties and responsibilities, receive an over view on current AGTS, SBU changes, Pre-Brief After Action Review (PAAR) Operation, functions and operations of the in crew, section, platoon and Combat modes, train digital communication in crew and platoon modes.

*AGTS refers to all fielded AGTS: SEP V2 AGTS, or MGS AGTS.

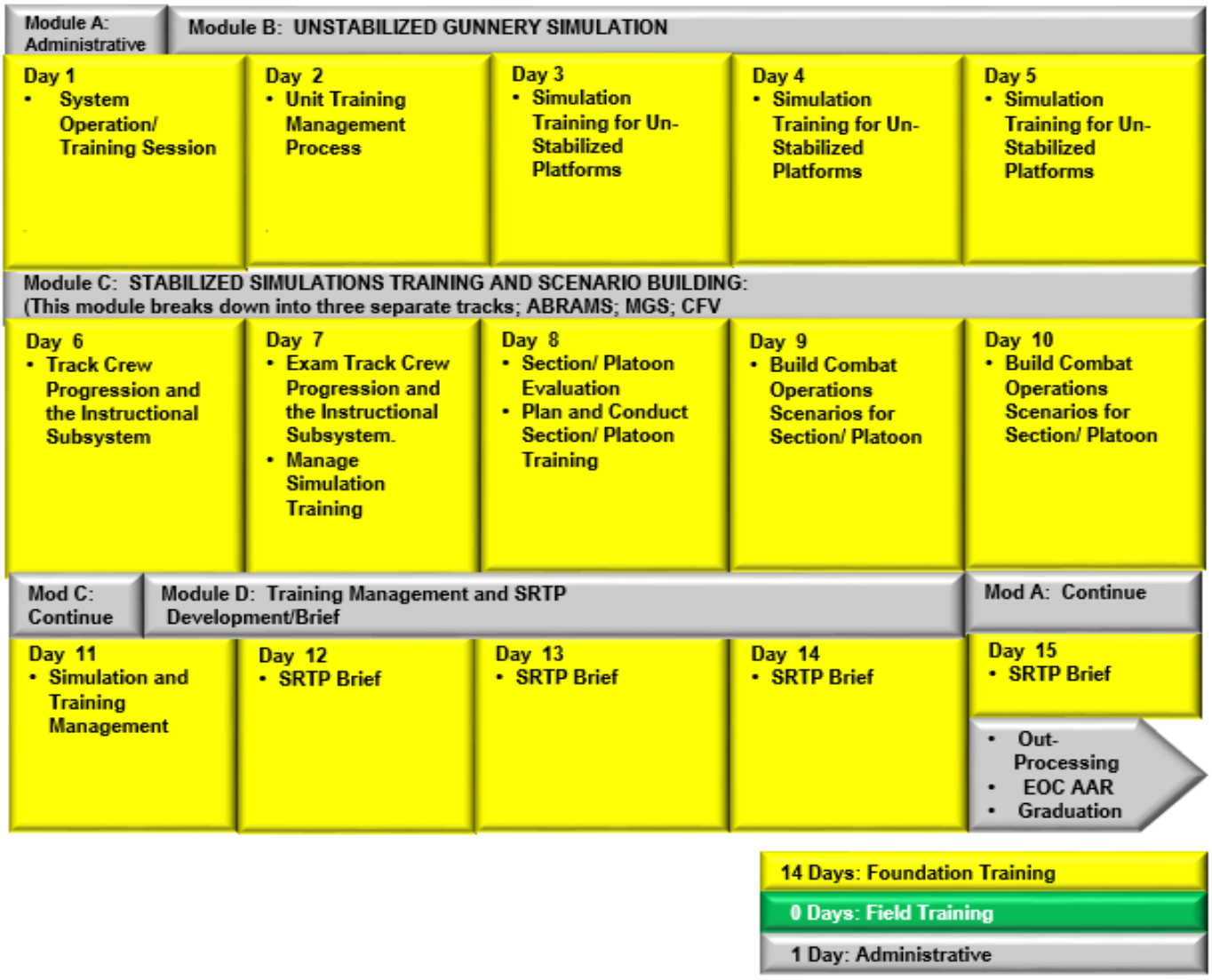
Bradley BATS/COFT-SA: Conduct Power Up / Power Down procedures, perform maintenance checks and services, conduct briefings and training sessions, react to emergency equipment malfunctions, track crew progression and the instructional subsystem of BATS/COFT-SA, Management Functions on the BATS/COFT-SA, Training Management, Training Managers duties and responsibilities, receive an over view on current BATS/COFT-SA changes.

Un-stabilized platforms and simulation coordination: Soldiers will evaluate Un-Stabilized Support Platform Simulations training and how to effectively implement training to support their unit. Coordinate with unit Master gunners and post support organizations for the implementation of simulation training into the gunnery plan.

COURSE OUTCOMES:

- Serve as a Technical Subject Matter Expert on the Simulator with the ability to identify and troubleshoot complex malfunctions that occur in the Tank, MGS, and CFV simulator
- Serve as Simulations Training Manager that understands the emphasis on preliminary gunnery training, tank gunnery standards, that sustains and improves a crew's gunnery proficiency
- Serve as Simulations Training Manager using Training Units and Developing Leaders Management procedures
- Demonstrate professional confidence in application of skills and knowledge fundamental of building Gunnery exercises within the limitations of the simulator

GUNNERY SIMULATIONS TRAINING MANAGEMENT MANAGERS COURSE
020-F13 (MC), Ver. 02.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army and National Guard
- **Assignment:** Will be assigned the duty of unit's Simulations Training manager at Platoon, Company, or Battalion level at their unit.
- **Rank/Grade:** SGT (P) to SFC
- **MOS:** Must possess MOS 19KK4 (M1A2 SEP) or 19KR4 (MGS) or 19D or service equivalent.
- **Clearance:** SECRET
- **Other:** Certified or recertified as an I/O within past 12 months and have six months experience as an I/O on the M1A2 SEP/MGS AGTS or M3A3 BATS/COFT-SA system.

M1A1/M1A2 SEP TANK COMMANDERS COURSE
2E-F242/020-F29
(POI 03.0 / 2.0 weeks)

Course Purpose

To provide gunnery training, platform overview, and best practices featuring the M1A2 System Enhanced Package (SEP) Abrams Main Battle Tank to Armor Officers and Non-Commissioned Officers who have not been in a unit with the platform in over 2 years and will be assigned to an Armored Brigade Combat Team (ABCT).

Course Scope / Outcomes

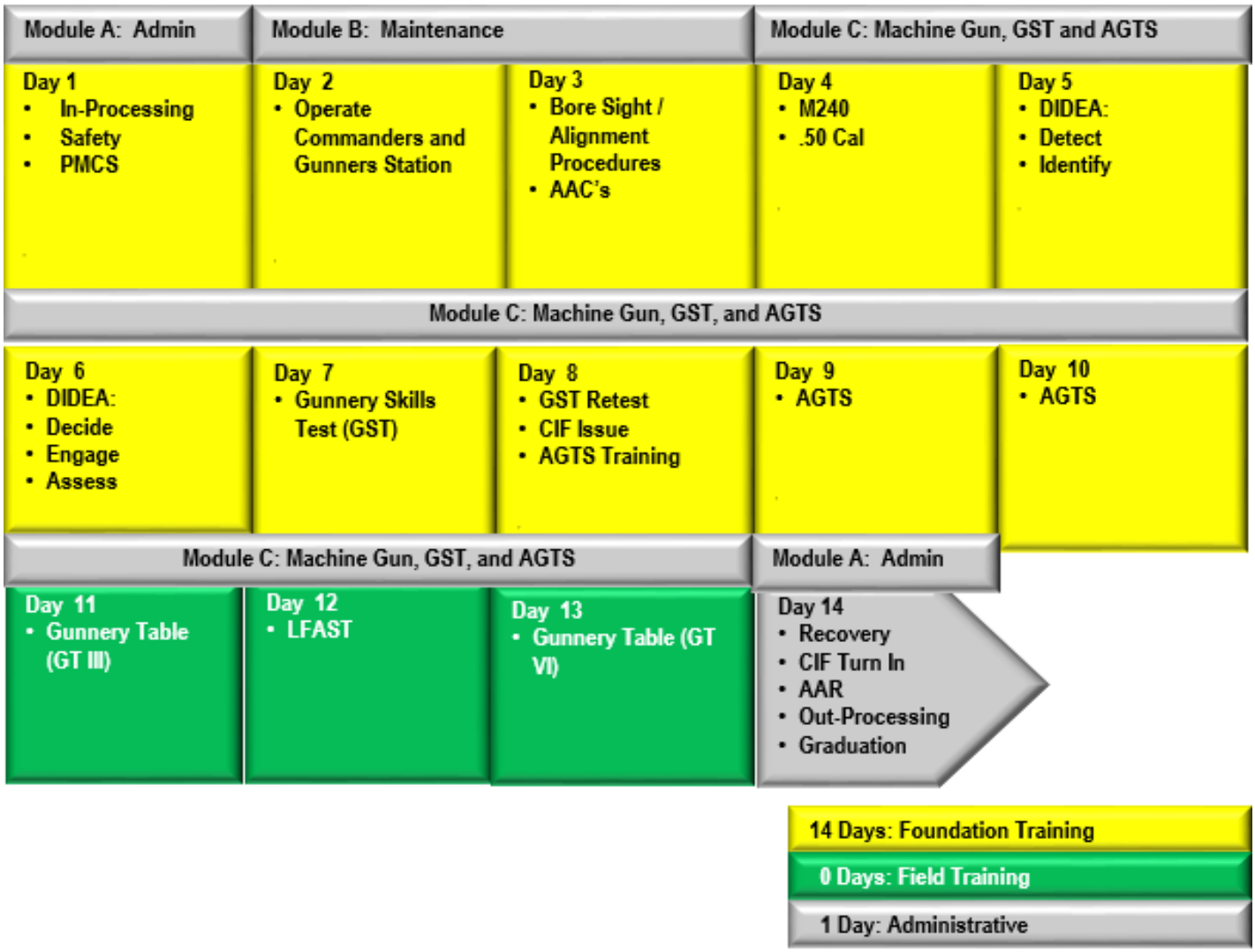
M1A2 SEP Tank Commander Course (TCC) focuses on technical instruction which includes: crew stations duties, tank maintenance, bore-sighting, armament accuracy checks (AAC), plumb and synchronization, tank weapons, live fire accuracy screening test (LFAST), GST, and tank gunnery. Students are trained using conventional methods, stand-alone training devices and simulations with the capstone being the execution of GT-VI. Performance Oriented Training is M1A2 SEP focused. This course is a gunnery systems intensive functional course that trains the Soldier to function as a M1A2 SEP Tank Commander.

COURSE OUTCOMES:

- Proficient in the employment of the M1A2 SEP Tank from the Commanders Station.
- Demonstrate an understanding of: crew station and duties, tank maintenance, bore-sighting, armament accuracy checks, plumb and synchronization, tank weapons, LFAST, gunnery skills test (GST) and tank gunnery.
- Integrate the (DIDEA) Process of: Detect, Identify, Decide, Engage and Assess.
- Integrate Tank Safety and Risk Management in training and in the operational environment.

"We will always remember. We will always be proud. We will always be prepared, so we will always be free."
-President Ronald Reagan

M1A1/M1A2 SEP TANK COMMANDER COURSE
2E-F242/020-F29, Ver. 03.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army
- **Assignment:** Assigned to or enroute to an Armor Brigade Combat Team or Unit equipped with the M1A1 or M1A2 SEP
- **Rank/Grade:** SGT (P) to LTC
- **MOS:** 19K
- **AOC:** 19A
- **Other:** Have not fired tank gunnery in more than 24 months.

STRYKER SCOUT COMMANDER
TBD
(POI 01.0 4.0 weeks)

Course Purpose

To train and educate Commissioned and Noncommissioned Armor Officers to be technically and tactically proficient on the Stryker variants employed by SBCT Cavalry Squadrons.

Course Scope / Outcomes

This is a systems-intensive course that trains the student to function as the Vehicle Commander for Stryker variants employed by Stryker Cavalry Squadrons. The course utilizes hands-on training and simulations, culminating with a live-fire exercise to ensure graduates are prepared to assume Vehicle Commander Positions in Stryker Cavalry units.

COURSE OUTCOMES:

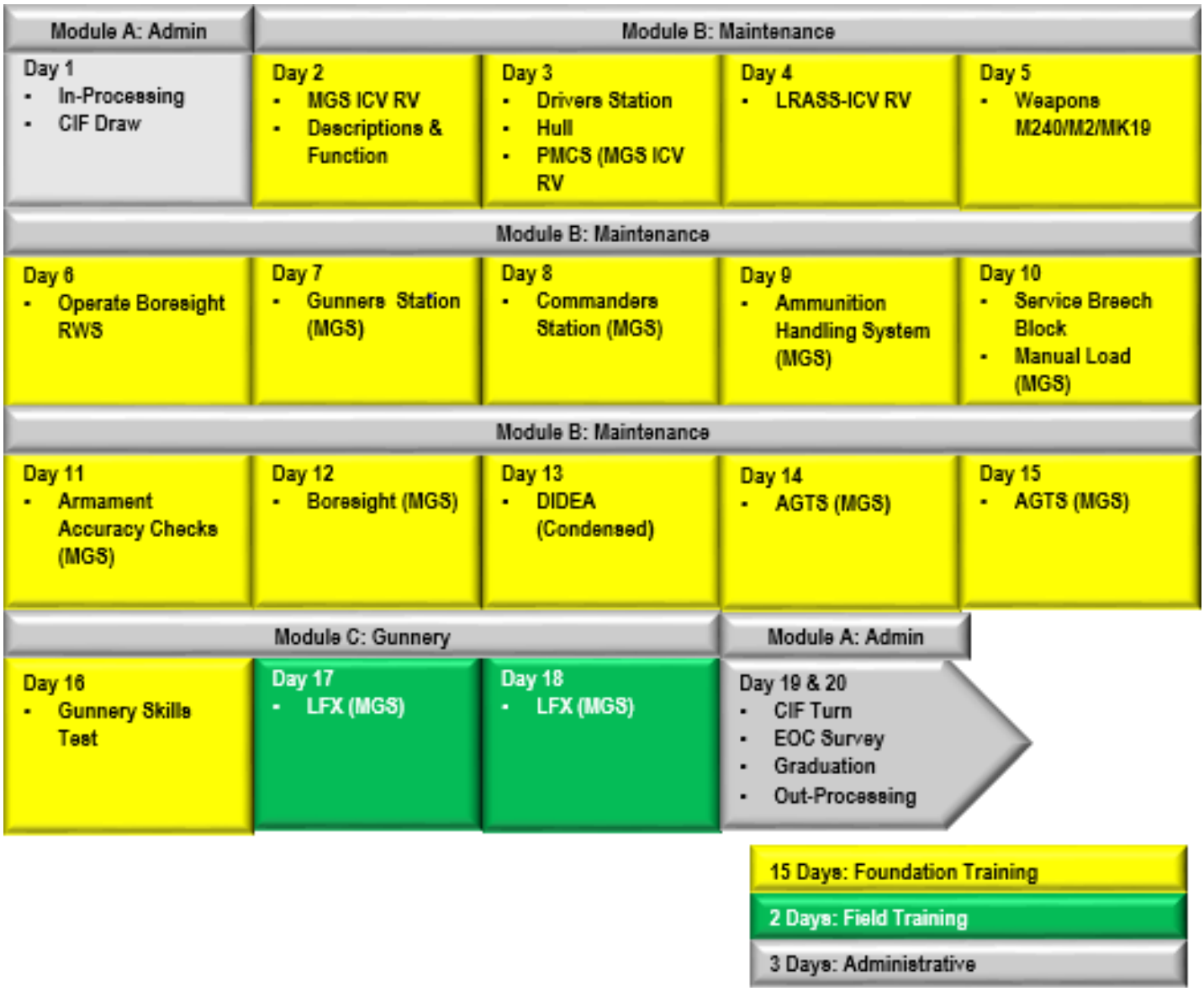
- Able to perform, as well as train and evaluate crews, on Gunnery Skills Tasks
- Technically proficient in Stryker Scout variant vehicles' maintenance and operation
- Technically proficient in the maintenance and employment of variant specific Stryker Scout weapon systems.

NOTE: Pending FY20 submission this course will replace the MGS Commander Course.

"Weapons are an important factor in war, but not the decisive one; it is man and not materials that counts."

-Mao Tse-tung

STRYKER SCOUT COMMANDER
TBD
COURSE MAP



Course Prerequisites

Component: Active Army and Reserve Components
Assignment: On orders or assigned to a SBCT Cavalry Squadron, Weapons Troop or Mobile Gun Systems Platoon.
Rank/Grade: O-1 and O2; E-5 through E-7Other grades, AOCs and MOSs may attend with a waiver.
MOS: AOC 19A and MOS 19D
Other: Additional AOCs and MOSs not mentioned may attend with a waiver.

BRADLEY COMMANDER & GUNNER CERTIFICATION
9E-F96/920-F90

(CAD 0.10 / 2.0 weeks)

Course Purpose

To train Active and Reserve Component officers and noncommissioned officers in combat critical Bradley commander and gunner skills and knowledge needed to supervise, train, and lead subordinates. Successful completion of this course will award the B9 ASI.

Course Scope / Outcomes

Bradley weapon systems: vehicle maintenance procedures, conduct of fire training, vehicle safety, virtual gunnery, and Bradley live fire gunnery.

COURSE OUTCOMES:

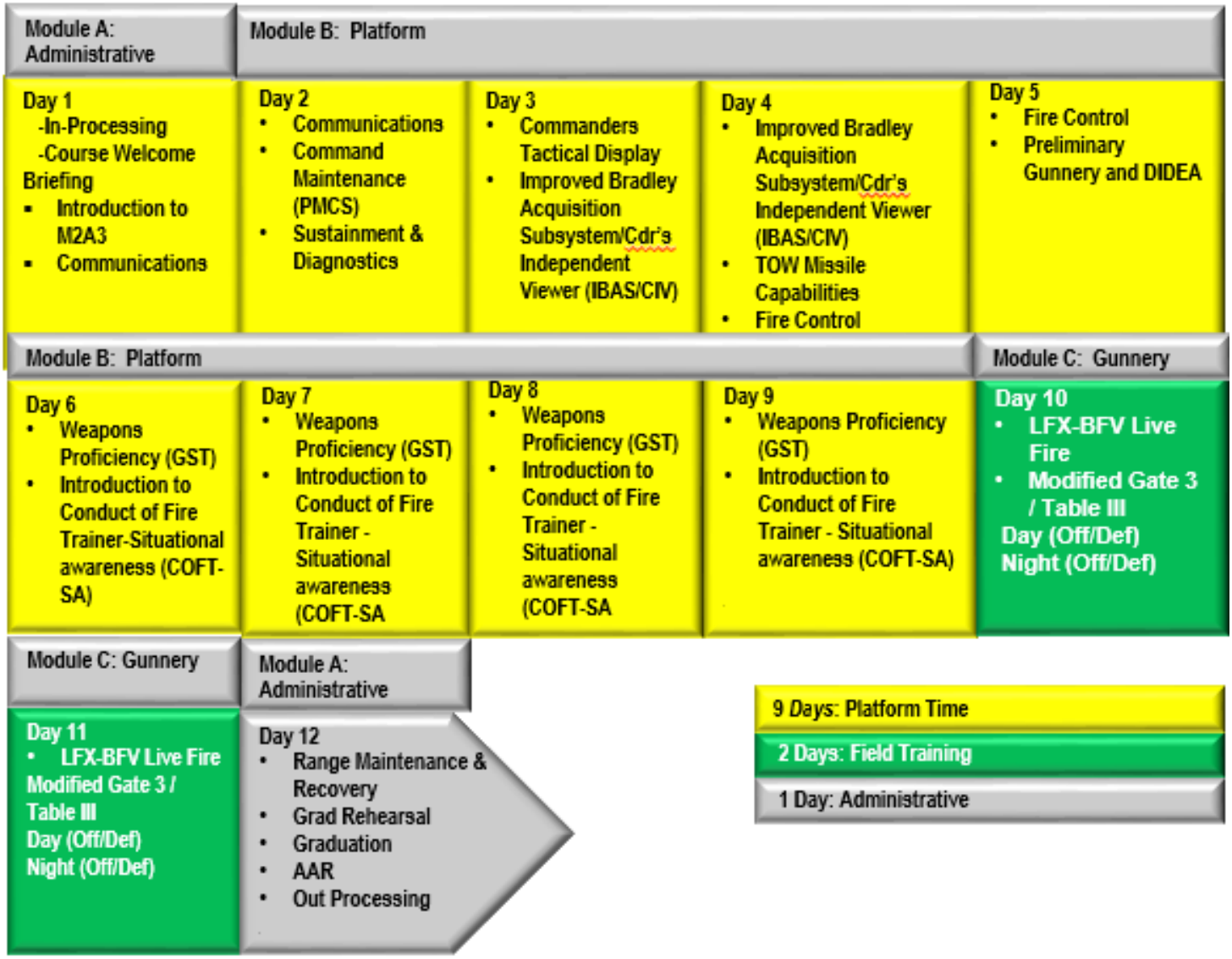
- Competency in Warfighting Function Battlefield System.
- Competency in coordinating with Supporting Assets.
- Competency in Problem Solving with combat critical Bradley Commander and Gunner skills.
- Competency in Bradley Platform Gunnery Skills Tasks IAW TC 3-20.31-1.

NOTE: Pilot Course

"Peace is our goal but preparedness is the price we must pay."

-Omar Bradley

BRADLEY COMMANDER & GUNNER CERTIFICATION
9E-F96/920-F90, Ver. 0.10
COURSE MAP



Course Prerequisites

- **Component:** Active Army, Reserve, or National Guard
- **Rank/Grade:** SGT to SFC and 2LT to MAJ
- **MOS:** CMF 11,12, 13 and 19
- **Other:** Soldiers below the grade of E5; requires a memorandum from their Commander verifying they will fill a gunner's position on the TOE/MTOE/TDA.

MANEUVER LEADERS MAINTENANCE COURSE
2E-F225/020-F34 (MC)
(POI 03.0 / 2.0 weeks)

Course Purpose

Develop maneuver leaders in the fundamentals of the Army Maintenance Systems and Logistical Operations. These skills taught will provide leaders with assignments as Company Executive Officers (XOs) and Battalion Motor Officers (BMOs) the ability to build and sustain combat power in joint combined arms maneuver in an expeditionary environment as part of a Joint Task Force of Brigade Combat Team supporting large scale combat operations.

Course Scope / Outcomes

This is a ten day course to develop maneuver leaders expertise in battalion and small unit level maintenance operations. Students learn maintenance fundamentals, how to run a command maintenance program with an emphasis on Preventative Maintenance Checks and Services (PMCS) and 5988E flow. Students learn to execute command maintenance and a Commander's Inspection Program (CIP) for maintenance to the Army standard. Additional instruction focuses on maintenance information systems, how battalion/squadron level systems interface with higher level maintenance organizations and systems (Standard Army Maintenance System-1E and Global Combat Support System-Army (GCSS-A) to order repair parts for the battalion/squadron. Using GCSS-A students will track and account for all battalion/squadron level material readiness financial resources. Students learn to assess material readiness issues using business intelligence and business warehouse tools. Students apply AR 750-1 to determine the effectiveness of a Command Maintenance Discipline Program (CMDP). Students learn to conduct maintenance in the tactical environment including recovery operations and the planning considerations for UMCP emplacement.

COURSE OUTCOMES:

- Leaders who track and account for unit resources in garrison and operational environment to support combat operations in a complex world.
- Leaders who properly manage Soldiers on crew/operator Field Level Maintenance tasks and ensure compliance in accordance with the appropriate technical manual.
- Leaders who effectively maintain combat power projection platforms to sustain land warfare dominance capability and are able to conduct Joint and multinational operations over the entire spectrum of conflict, both offensive and defensive.
- Leaders who develop and sustain maintenance programs which are synchronized within their UTP and focus on ensuring their equipment is ready to go to war.

MANEUVER LEADERS MAINTENANCE COURSE
2E-F225/020-F34 (MC), Ver. 03.0
COURSE MAP

Course Prerequisites

- **Component:** Active Army and Reserve Component
- **Rank/Grade:** SFC through MSG, 2LT through CPT
- **MOS:** 11Z/B/C or 19Z/D/K may attend with waiver.
- **AOC:** 11 and 19
- **Profile:** N/A
- **Other:** Students must register/establish an account NLT two weeks prior to attending this course:
  1. Pre-register for the GCSS-A web-based class and conduct the overview training at the following link: http://www.gcss.army.mil/Training/WebBasedTraining.aspx
  2. Request system access for LIW in LOGSA using the following links: https://liw.logsa.army.mil/ and https://tulsa.tacom.army.mil/

CAVALRY LEADERS COURSE
2E-FOA-F134/250-F46 (MC)
(POI 03.0 / 3.0 weeks)

Course Purpose

To prepare Army leaders for assignment to cavalry units or brigade combat teams as commanders, noncommissioned senior leaders, staff officers and staff noncommissioned officers for tactical employment of cavalry units and brigade combat teams to conduct reconnaissance, surveillance, security, and target acquisition in unified land operations; planning and directing these operations; integration and synchronization of all Warfighting Functions in a Combined, Joint and Multi-National operations.

Course Scope / Outcomes

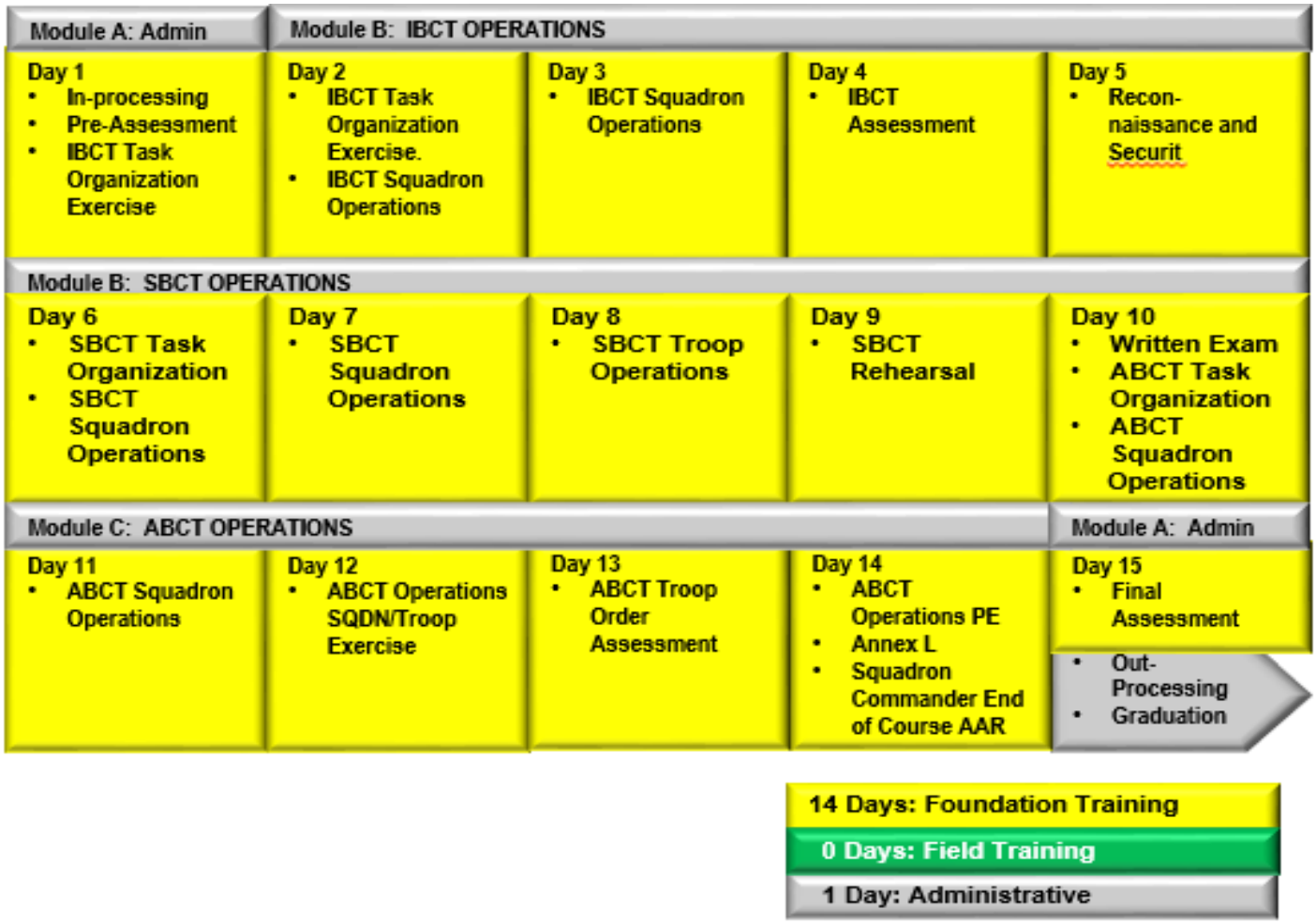
To train Officers, Chief Warrant Officers, and Noncommissioned Officers who are involved in the planning and execution of reconnaissance collection and tactical security at the Squadron and Troop level. Soldiers will focus on applying the Fundamentals of Reconnaissance and Security, as well as established doctrine and TTPs, into the planning of Unified Land Operations in time constrained environments. Soldiers will develop skills in asset synchronization, Cavalry organization employment, synchronization of Operations and Intelligence analysis, and tactical techniques in a myriad of reconnaissance and security scenarios against near-peer and hybrid threats.

COURSE OUTCOMES:

- Ability to apply Troop (SQDN) recon and security tactics to anticipate, gain, and develop contact for higher headquarters
- Ability to recognize the important element of a new situation; assess new requirements; and communicate clearly (Mission Command)
- Ability to apply staff skill to prioritize requirements, and synchronize and coordinate Squadron recon and security activities.
- Demonstrate professional accountability and confidence in application of skills and knowledge to development as a Cavalry leader and professional expert.

"A good battle plan that you act on today can be better than a perfect one tomorrow."
-Gen. George S. Patton Jr

CAVALRY LEADERS COURSE
2E-FOA-F134/250-F46 (MC), Ver. 03.0
COURSE MAP



Course Prerequisites

- **Component:** Army, Navy, Air Force, Marine, or Allied Nations.
- **Assignment:** Assigned or possessing potential to be assigned as planners, First Sergeants or Commanders of Reconnaissance/Cavalry organizations, Brigade Combat Teams or their equivalent
- **Rank/Grade:** SFC to 1SG/MSG, CW3 TO CW4, and 1LT to LTC
- **MOS/AOC:** AR, IN, EN, AV, MI, FA, or SIG CMFs
- **Profile:** IAW AR 600-9 Army Weight Control Program.
- **Other:** Officers must be a graduate of any Captain Career Course (waiverable by SCO/ BN CDR) Recommended NCOs be a graduate of Battle Staff NCO or Allied equivalent.
- **Pre-Course Examination:** Used to evaluate the student's current doctrinal knowledge. Passing the pre-examination is a requirement to continue the course. Students that fail the initial attempt will be given reference material and retested during day 1. Failure to pass the re-test will result in student's dismissal from the course.

ARMY RECONNAISSANCE COURSE
2E-SIR7/521-ASIR7
(POI 05.0 / 4.0 weeks)

Course Purpose

To train and educate Commissioned Officers and Noncommissioned Officers to perform as leaders of scout platoons. This course will train the increased skill sets required of all scout platoons.

Course Scope / Outcomes

The Army Reconnaissance Course (ARC) is a four-week course built around Platoon level leadership. During the course, students are forced to expand upon their existing knowledge and thrive in ambiguous and uncertain situations. Students will develop higher level fundamental skills at reconnaissance and security fundamentals - navigation, communications and reporting; develop skills to better understand BCT, Squadron, and Troop commanders' information requirements, how to find, and communicate battlefield information about terrain, enemy, and local populations; develop skills for planning and executing reconnaissance without mission compromise or loss of freedom of action; develop understanding of the procedures for competently employing attached air, ground, and technical reconnaissance and support assets; and develop the self-confidence to solve mission relevant problems, anticipate enemy contact, exercise initiative in the face of changing conditions, and manage the tactical risks associated with reconnaissance, and security mission requirements. Field training exercises will require Soldiers to apply skills required for reconnaissance units assigned to Brigade Combat Teams – Armor BCT, Stryker BCT, and the Infantry BCT. Soldiers will become tactically and technically proficient in all aspects of mounted and dismounted reconnaissance, security operations, and sustainability to include but not limited to: evaluating routes and obstructions; missions, organizations and configurations to suit the mission end state; plan, prepare, brief and execute operations orders and FRAGORDs; the continuous process of troop leading procedures; urban area reconnaissance; security operations; tactical communications and reporting; planning for and employing surveillance system equipment; and integrate new technology to enhance mission effectiveness.

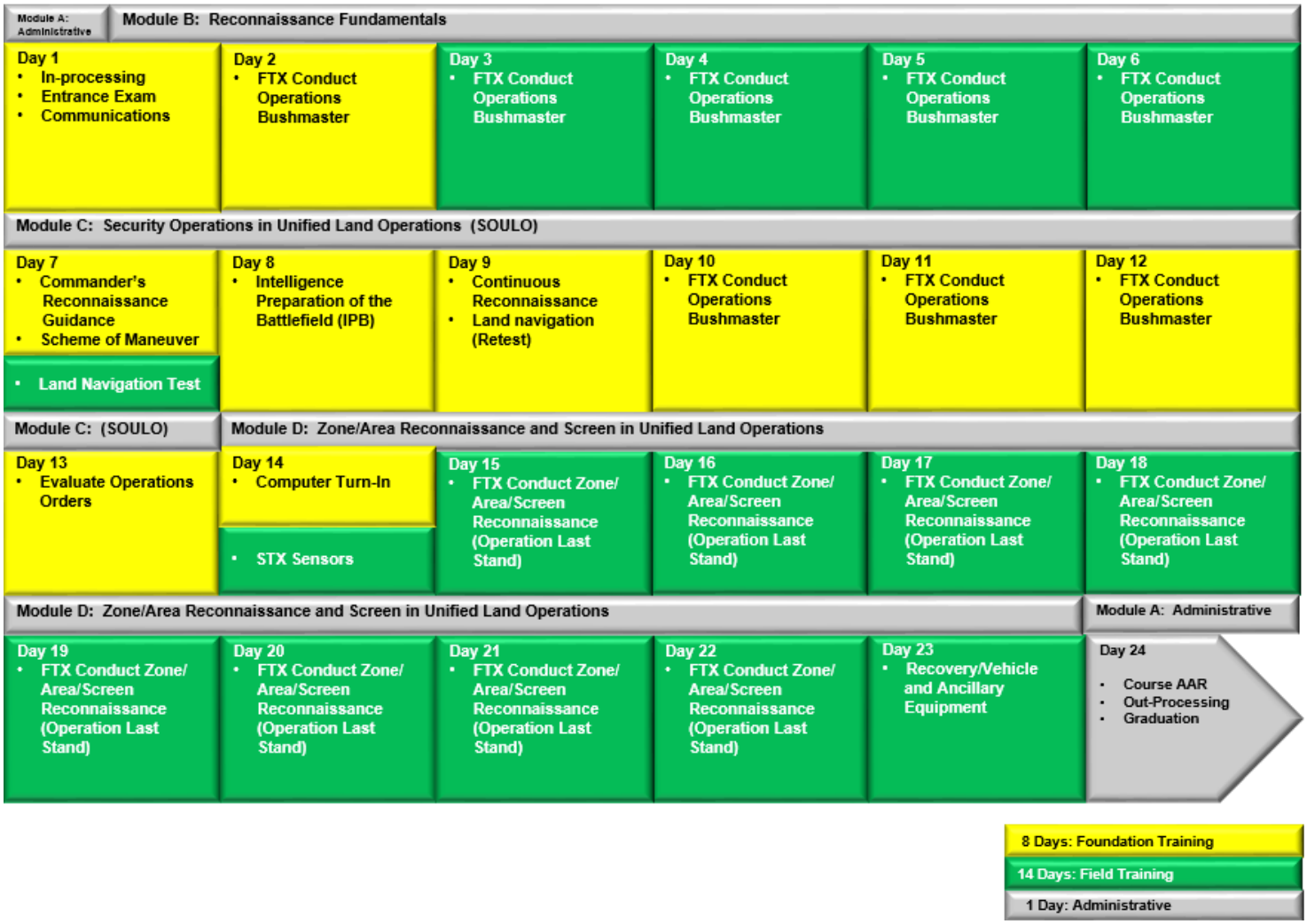
COURSE OUTCOMES:

- Apply the fundamentals of reconnaissance and security (R&S) while leading a scout platoon
- Apply leadership skills and self-confidence to solve R&S mission relevant problems
- Apply the troop leading procedures while planning and executing R&S missions
- Evaluate the use of terrain by enemy and friendly forces
- Analyze threat forces and critically apply intelligence preparation of the battlefield (IPB)
- Understand advanced communications and reporting techniques in an electronically contested environment.
- Understand the fundamentals of supporting assets within the framework of mission planning and execution
- Understand capabilities and limitations of R&S formations across BCTs
- Understand R&S and scout platoon doctrine in FM3-98 and ATP 3-20.98

NOTE: Course title to change to Scout Leaders Course (SLC)

"Time spent in reconnaissance is seldom wasted." -John Marsden

ARMY RECONNAISSANCE COURSE
2E-SIR7/521-ASIR7, Ver. 05.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army, Marine, Air Force, Navy, their Reserves Components, and Allied forces.
- **Assignment:** Assigned to or will be assigned to a reconnaissance unit.
- **Rank/Grade:** SGT (P) thru MSG/1SG, 2LT thru CPT; Allied equivalent
- **MOS:** 11 (Infantry), 12 (Engineer (except MOS 12K, 12R and 12W)), 13 (Field Artillery), 15 (Aviation), 19 (Armor) and 35 (Military Intelligence), and 74 (Chemical)
- **AOC:** 11 (Infantry), 12 (Engineer), 13 (Field Artillery), 15 (Aviation), 19 (Armor) and 35 (Military Intelligence)
- **Profile:** IAW AR 600-9 Army Weight Control Program. Minimum GT score of 100 (non waiver-able). No duty limiting permanent profiles.
- **Other:** Completed the Basic Officer Leadership Course Branch (BOLC-B). Completed the Advanced Leaders Course (ALC). All graduates in the CMF 19 field from the Army Reconnaissance Course will be awarded the "Personnel Only" ASI/SI R7 in coordination with the Branch Manager for that CMF.

COMBAT ADVISOR TRAINING COURSE
9E-F91/920-F84

(POI 01.0 / 9.0 weeks)

Course Purpose

The Combat Advisor Training course is designed to give prospective SFAB Advisors the foundational and functional skill and knowledge to operate as part of a small advisor team in an austere environment, on the edge of, or outside established U.S. Government support, by, with, and through Foreign Security Forces.

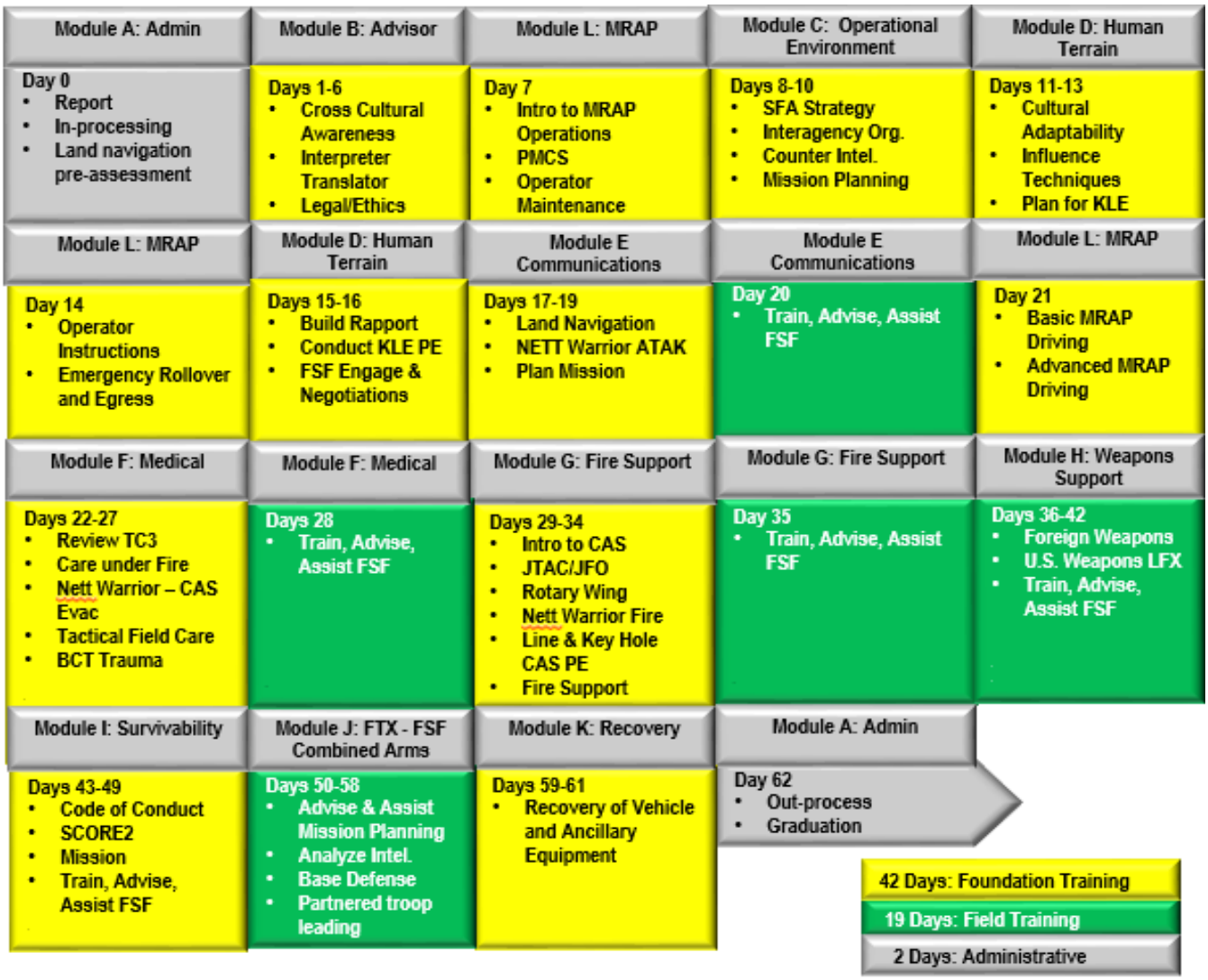
Course Scope / Outcomes

The Combat Advisor Training Course (CATC) is a live-in, resident course, which trains, educates, and develops professional Security Force Assistance (SFA) combat military advisors who are specifically trained, equipped, and postured to Train, Advise, Assist, Accompany, and Enable allied and partner nation forces in peacetime engagement, contingency, crisis, and/or combat operations in support of the geographical combatant commander's theater campaign and contingency plans. The curriculum provides foundational training for SFAB, and provides psychological awareness through a series of assessments.

COURSE OUTCOMES:

- Understanding the roles of the advisor, structure of a Combat Advisor team, and the of culture in a foreign security force (FSF).
- Certification in Tactical Combat Casualty Care (TCCC) and SERE-A.
- Experience conducting vulnerability assessments and applying situational awareness techniques (i.e. utilizing guardian angels).
- Experience conducting small unit planning, both with and without NET Warrior communication platforms.
- Experience planning and executing evasion plans, both assisted and self-recovery.
- Prepared to conduct negotiation through experience performing key leader engagements with an interpreter.
- Develop and conduct assessments of foreign security forces (FSF), establishing a training plan and evaluating a plan of action with the FSF.
- Plan and execute the integration of air-to-surface and surface-to-surface fires..

COMBAT ADVISOR TRAINING COURSE
9E-F91/920-F84, Ver. 01.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army, Marine, Air Force, Navy, their Reserves Components, and Allied forces.
- **Assignment:** Assigned to or will assigned to an Advisor positon to a Security Force Assistance Brigade (SFAB) or attached in support of a Security Force Mission
- **Rank/Grade:** Officers (01-06), Warrant Officer (W1-W4), or Noncommissioned Officers (E5-E9) or Allied equivalent
- Have a minimum physical profile rating (PULSES) of 111221
- Have no duty limiting profiles
- Achieve a minimum APFT score of 240 within 6 months of attendance (IAW age group)
- Pass psychological and personality testing/evaluation (MMPI/CPI)
- Provide documentation of successful completion of SERE 100 (online) training

ADVANCED SITUATIONAL AWARENESS
ADVANCED COURSE
9E-F56/920-F47 (MC)

(POI 02.0 / 3.3 weeks)

Course Purpose

Prepares students to assist/advise commanders in the planning, resourcing and conducting of realistic training plans and exercises which promote adaptability through critical thinking and decision-making.

Course Scope / Outcomes

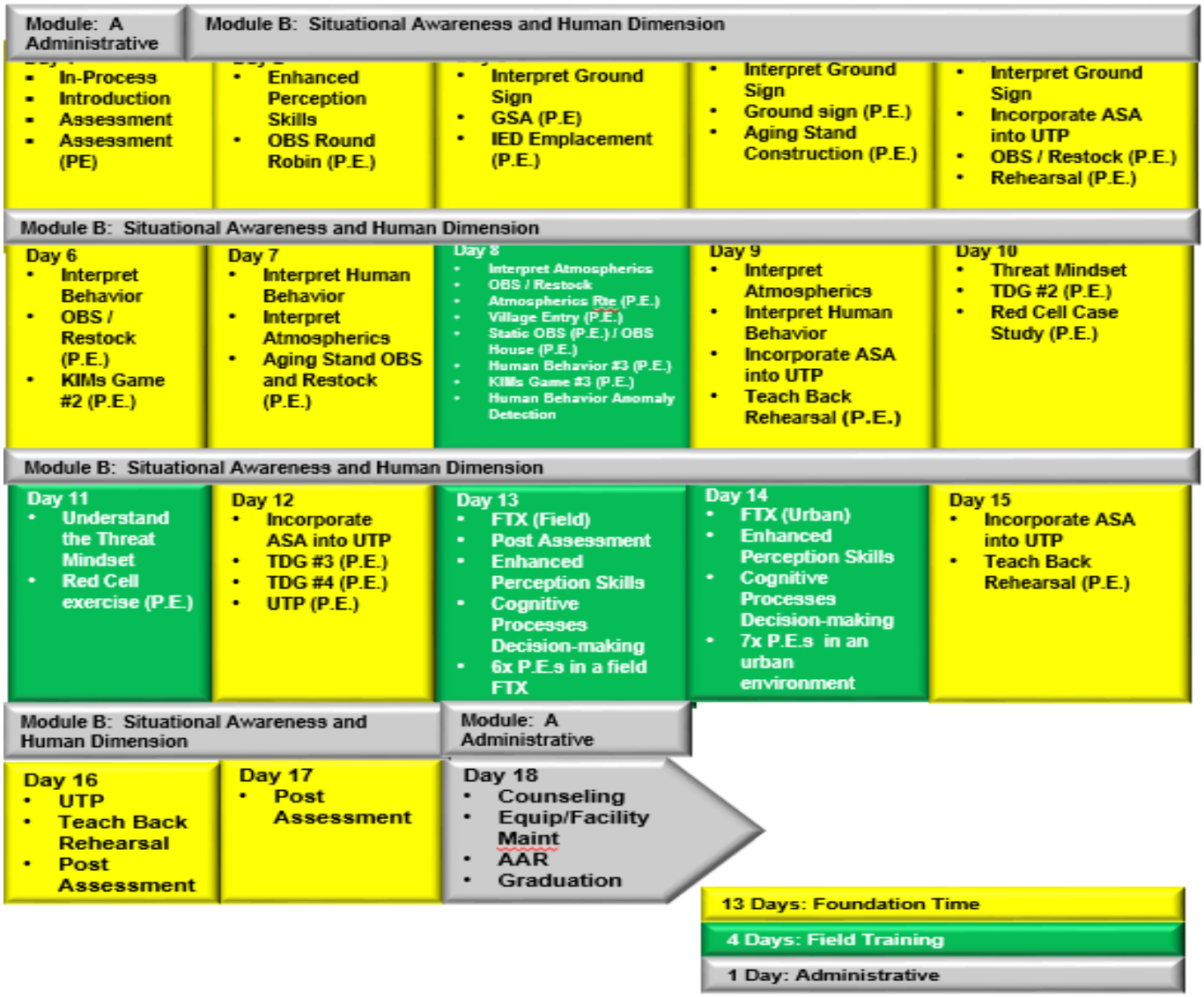
The curriculum focuses on teaching students to integrate the seven ASA principles into training by placing them in classroom/field environments, presenting them with experiential based, predictive, tactical based, problem solving situations in order to win in an uncertain operational environment.

COURSE OUTCOMES:

- Students apply ASA principles in complex and uncertain operational environments.
- Students develop realistic ASA training plans and exercises that promote adaptability through critical thinking and decision-making.
- Students advise commanders and senior NCOs on how to incorporate ASA principles into ongoing individual and collective training.

"We cannot create observers by saying, Observe, but by giving them the power and the means for this observation and these means are procured through education of the senses"
— Maria Montessori

ADVANCED SITUATIONAL AWARENESS ADVANCED COURSE 9E-F56/920-F47 (MC), Ver. 02.0 COURSE MAP



Course Prerequisites

- **Component:** Active Army, Army Reserve, and Army National Guard
- **Assignment:** Soldiers must have a minimum of 12 months' time remaining at their current unit of assignment upon completion of this course.
- **Rank/Grade:** SGT through CPT
- **MOS/AOC:** Open to all Military occupational Specialties and Branches.
- **Profile:** IAW AR 600-9 Army Weight Control Program.
- **Other:** Soldiers must have a minimum of 12 months remaining at their current unit of assignment upon completion of this course. Soldiers not meeting these prerequisites may be admitted with waiver.

ADVANCED SITUATIONAL AWARENESS
BASIC COURSE
9E-F57/920-F48 (MC)
(POI 03.0 / 1.0 week)

Course Purpose

Advanced Situational Awareness – Basic (ASAB) equips Soldiers with critical thinking, problem-solving, and analysis skills to be aware, understand, and employ predictive profiling in order to achieve overmatch in a three dimensional, complex operating environment (OE).

Course Scope / Outcomes

The course focuses on educating Soldiers and Leaders to understand the human sensory system, to understand the six domains of human behavior , and training them to integrate this knowledge with enhanced observation techniques - equipping the individual and unit to anticipate the adversary. This is accomplished in a classroom and field environment with realistic, complex scenarios requiring demonstration of critical thinking, problem-solving, and decision-making skills.

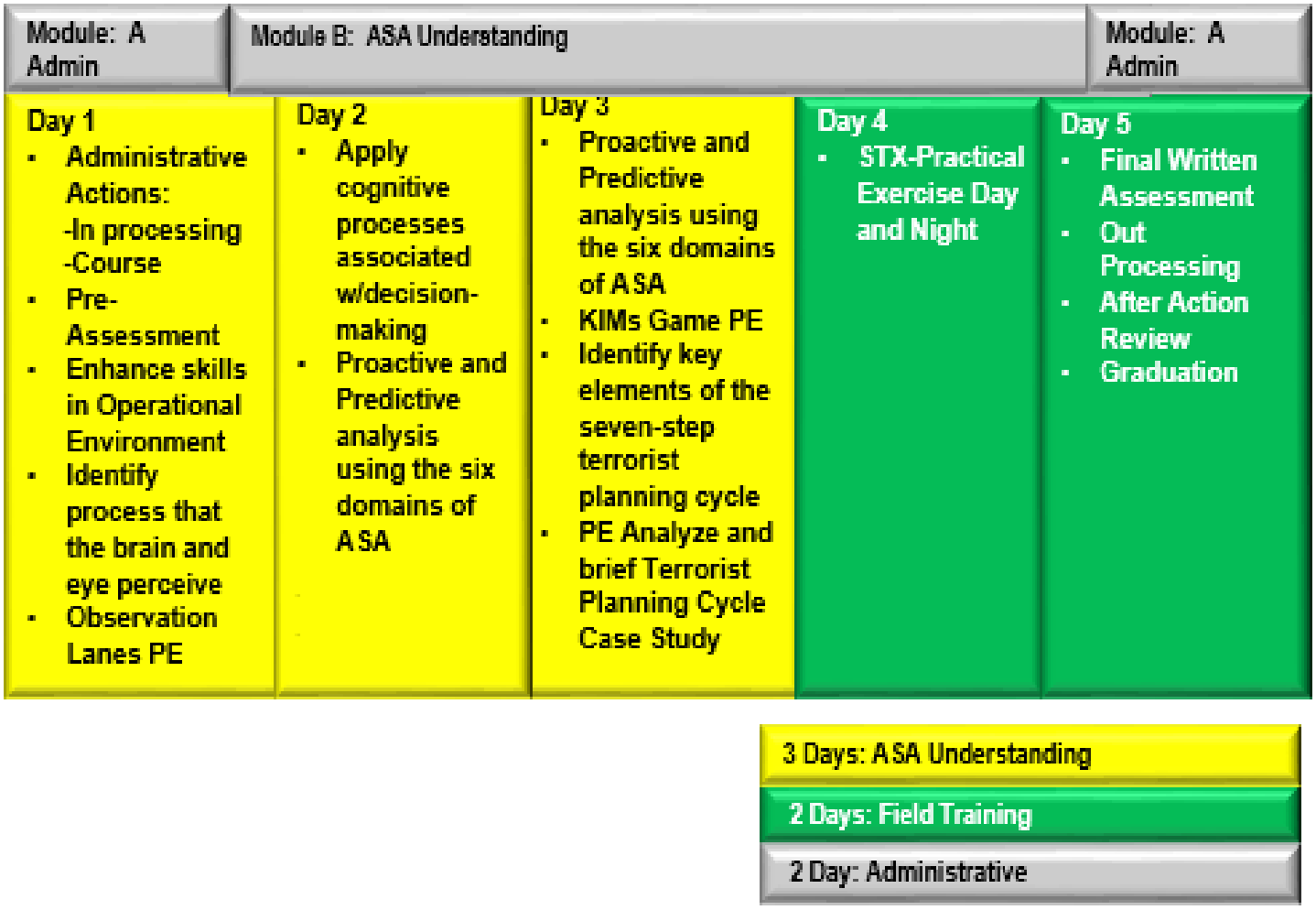
COURSE OUTCOMES:

All Soldiers will demonstrate observable competence in the core competencies of ASAB.

- Predict the Human Sensory System (five senses and the brain) and its impact on awareness, observation, and situational understanding
- Compare Human Behavior Domains—Heuristics, Proxemics, Geographic's, Atmospherics, Autonomics, and Kinesics
- Correlate critical thinking/analysis and problem-solving skills to establish a baseline, detect anomalies, and critical events cues.
- Demonstrate Situational Understanding and articulate observation and information in a complex, three dimensional operational environment.

"Success is not final, failure is not fatal: it is the courage to continue that counts."
— Winston S. Churchill

ADVANCED SITUATIONAL AWARENESS
BASIC COURSE
9E-F57/920-F48 (MC), Ver. 03.0
COURSE MAP



Course Prerequisites

- **Component:** Active Army, Army Reserve, and Army National Guard Soldiers
- **Assignment:** Soldiers must have a minimum of 12 months' time remaining at their current unit of assignment upon completion of this course.
- **Rank/Grade:** SGT through CPT
- **MOS/AOC:** Open to all Military occupational Specialties and Branches.

DISMOUNTED COUNTER-IED TACTICS MASTER TRAINER COURSE
9E-F59/950-F38 (MC)

(POI 01.0 / 2.0 weeks)

Course Purpose

The purpose of this course is to prepare Dismounted C-IED Tactics Master Trainers (DCT-MT) to integrate Dismounted CIED training into unit training, advise leaders on threat assessments, and plan tactical employment of enablers to counter IED related threats targeting dismounted patrols.

Course Scope / Outcomes

This course focuses training on the following C-IED areas: Train in a collective environment the method of attack, threat assessment, vulnerable point/area, Mission analysis, ground sign awareness, Electronic Counter Measures (ECM) integration, confirmation of IED, patrolling in a IED environment, combat enablers Unified Exploitation (UE), person & vehicle search, Company Intelligence Support Team (CoIST) integration, reaction to complex attack initiated by IED/casualty extraction. The course ends with successful completion of a Situational Training Exercise.

COURSE OUTCOMES:

- Create and unit training plan to integrate CIED principles into home station unit training
- Apply CIED training into home station unit training plans
- Understand the tools of dismounted CIED force protection
- Evaluate threat conditions to lead, fight, and win under harsh conditions
- Apply leadership skills to staffs with training, planning, executing, and supervising at company/ battalion level

"If your actions inspire others to dream more, learn more, do more and become more, you are a leader."

-President John Quincy Adams

DISMOUNTED COUNTER-IED TACTICS MASTER TRAINER COURSE
9E-F59/950-F38 (MC), Ver. 01.0
COURSE MAP

Course Prerequisites

- **Component:** Active Army, Army Reserve, and Army National Guard
- **Assignment:** On orders for deployment and serving in a Company through Battalion Level. Combat arms leaders who will be actively conducting dismounted combat patrols in an IED environment or NCOs identified by their chain of command as dismounted C-IED trainers. Must have a minimum of 18 months' time remaining at their current unit of assignment upon completion of this course.
- **Rank/Grade:** SGT (P) to SFC, 1LT to MAJ
- **MOS/AOC:** 11B, 11C, 19D, 19K, 21B, 31B, 18B, 18C, 18D, 18E and 11A, 19A, 21A, 31A,18A
- **Profile:** Minimum GT score of 100. IAW AR 600-9 Army Weight Control Program. Meet APFT standards IAW TC 3-22.20. Have no physical profile.
- **Clearance:** Possess a Secret or Interim Secret Security Clearance.
- **Other:** Be trained on the use of the Minehound, DSP-27, VMC-1, or like hand held devices. All students must be familiar with the THOR III and SEEK II. Memorandum of Record from unit commander certifying training completed within 6 months from start date. Students will take a pre-assessment test on the following areas: Minehound, DSP-27, VMC-1, THOR III and SEEK II on training day one.

MOBILE GUN SYSTEM COMMANDERS COURSE
2E-SIR4/020-ASIR4

(POI 2.10 4.0 weeks)

Course Purpose

To train Officers and Noncommissioned Officers to be technically proficient on the Mobile Gun System (MGS).

Course Scope / Outcomes

This is a systems-intensive course that trains the student to function as a Mobile Gun System Commander. Instruction will consist of training crew stations and duties, bore-sighting and synchronization, ammunition, crew maintenance, turret / hull troubleshooting and safety. Students will be trained using conventional training methods, stand-alone training devices, simulators, and simulations culminating with a live fire exercise.

COURSE OUTCOMES:

- Demonstrate expertise of the Mobile Gun System
- Demonstrate knowledge of the maintenance procedure of the MGS
- Demonstrate expertise in troubleshooting machine gun operations on an MGS
- Execute proper gunnery techniques in Advance Gunnery Training System (AGTS).

Course Prerequisites

Active Army or Reserve Component Commissioned Officers (2LT through CPT) and Noncommissioned Officers (SPC (P) through SFC) 19D MOS, who are assigned to, or may be assigned to an MGS-equipped unit.

NOTE: This course will be replaced by the Stryker Scout Commander.

"It is well known that when you do anything, unless you understand its actual circumstances, its nature and its relations to other things, you will not know the laws governing, or know how to do it, or be able to do it well."

-Mao Tse-tung

NOTES