

Training weapons offered:

M16A4 5.56 Rifle
M4 5.56 Carbine
M4/320 40mm Rifle-Grenade Launcher
M9 9mm Pistol
M320 40mm Grenade Launcher
M1200 Shotgun
M249 5.56 Squad Automatic Weapon
M240B 7.62 NATO Machine Gun
MK19 40mm Grenade Launcher
M2 .50 Cal Machine Gun
M136 AT4 Anti-Tank Launcher



Engagement Skills Trainer EST II

Hours of Operation:

Monday – Friday 0800 – 1600
Saturdays – Appointment Only
(Must schedule at least 1 week in advance)

Scheduling:

Scheduling in advance is HIGHLY RECOMMENDED. Walk-ins are welcome but will depend on the training schedule for the day. Cancellations must be made at least 1 week in advance.

Uniform and gear is up to the unit. Full gear is recommended, as it adds more realism to training. Unit is responsible for providing eye and hearing protection, and providing firers with preparatory marksmanship instruction (PMI) prior to firing at the EST.

The use of the EST facility is limited to DoD uniformed personnel and FOR OFFICIAL TRAINING PURPOSES ONLY.

Team:

Daniel Romero - (Scheduling)
Sr. Training & Development Specialist
daniel.romero3.ctr@mail.mil

Shaun Holmes – Computer Operator III
shaun.d.holmes.ctr@mail.mil

Samuel Girard – Computer Operator II
samuel.s.girard.ctr@mail.mil

Raul Pedregon – Computer Operator II

3163 MG Taylor Road, Bldg. 1101
Ft. Sam Houston, Texas 78234
w: +210.808.4270

<http://www.samhouston.army.mil/asa/TSC.html>



Engagement Skills Trainer EST II

Joint Base San Antonio

3163 MG Taylor Road
Bldgs. 1101 (Main Bldg.) & 1100
Ft. Sam Houston, Texas 78234
w: +210.808.4270

Hours of Operation
Monday – Friday: 0800 – 1600
Saturdays: By Appointment Only
(Must schedule at least 1 week in advance)



Simulated weapons training

The **EST II** is a laser-based unit/institutional, indoor, multipurpose arms trainer for individual and crew served weapons including pistols, rifles, shotguns, machine guns, anti-tank weaponry and grenade launchers. The system displays targets, terrain and weapons effects in a real time presentation on a screen 26 feet from the firer. The firer experiences an approximation to the actual weapon's sound, weight and recoil. It provides training for **marksmanship**, static unit **collective training**, **"shoot don't shoot"** judgments, and provides extensive after-action review (AAR) support.

Marksmanship

The Marksmanship training mode offers basic and advanced range firing and qualification scenarios. The most common mode of training, Marksmanship allows up to 6 – 10 firers at a time per system, depending on weapon and type of training.



Above: A rifle qualification course, Ft. Benning range

Collective

Collective training mode offers Infantry, Scout, Combat Engineer, Military Police and Combat Support/Combat Service support element squad training per system, and can accommodate up to 10 firers at a time.



Above: A prison collective scenario with insurgents

Judgmental Use-of-Force

Judgmental Use-of-Force training mode offers judgmental training scenarios. These scenarios provide sufficient details so that the firer can observe important cues such as facial expressions and body language to determine threats and when to pull the trigger. Judgmental Use-of-Force can accommodate up to 5 firers at a time per system.



Above: A neighbor dispute training scenario

EST Facility features

The EST facility contains 2 10-lane and 1 5-lane system that can run up to 5 – 10 firers per training room (depending on weapon and mode of training). One classroom is provided, which contains a large dry-erase board, marksmanship visual aids, tables and seating for up to 24 personnel. Latrines are available in each building. For larger groups, bleachers are located outside the facility between the EST buildings. Each EST building has a water dispenser but personnel will need to supply their own cups, water bottles or canteens to use them.

The EST team at the facility operates the systems and assists units in training. They will give firing commands, provide shot-by-shot feedback and replays to firers after each table in the scenario, and print marksmanship scorecards as requested by the unit.



Above: EST classroom, located in Bldg. 1101