

San Jose Police Department
(M.E.R.G.E / S.W.A.T) Tactical Rifle Course
Expanded Course Outline
Rev. 12/22/2020

Tactical Rifle Course Curriculum

<u>Course Title:</u>	Tactical Rifle Course – 40 Hours Includes M-16, AR–15, AR-15 Carbine, M-4, and Colt Commando Rifles.
<u>Course Goal:</u>	To provide students with the information and hands-on experience needed to effectively use the Tactical Rifle. Successful completion of this course satisfies the legislative training mandate to possess short barrel rifles as specified in Penal Code section 33220(b) and the Commission training requirement to possess long barrel rifles as specified in Commission Regulation 1081.
<u>Audience:</u>	Sworn Peace Officers, assigned to Tactical Units or Patrol, who are issued the above weapon as their secondary weapon. These Officers will qualify and carry it on duty in the scope of their employment.

Course Objectives

The San Jose Police Department Tactical Rifle course will cover the following areas of California POST Commission Regulation 1081:

- (1) Law Update – AB392 & SB230
- (2) Review of Use of Force Issues, Agency Policies, and Mission
- (3) Safety Issues
- (4) Nomenclature, Specifications, and Capabilities
- (5) Firearm Care, Breakdown, and Cleaning
- (6) Tactical Considerations
- (7) Skill Development and Qualification

Students will be specifically taught and expected to understand and perform with a tactical rifle the following areas:

1. Demonstrate an understanding of the Range Safety Rules.
2. Demonstrate an understanding of loading / unloading of the weapon.
3. Demonstrate an understanding of malfunction clearances.
4. Demonstrate an understanding of shooting techniques from conventional and unconventional shooting positions.
5. Demonstrate an understanding of the principles of marksmanship.
6. Demonstrate an understanding of external and terminal ballistics.
7. Review Law and Agency Policy.
8. Pass the qualification course.

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DAY 1

1. Registration / Orientation / Instructor Introductions / Overview of week
 - a. Students will complete roster sheets and waivers
 - b. Define Lead and Assistant Instructors
 - c. Map of Range presented
 - d. Timeline of the week of instruction
2. Range Safety
 - a. Four Range Safety Rules:
 - i. Treat all guns as if they are loaded
 - ii. Never point a gun at anything you do not intend to shoot.
 - iii. Keep your finger off the trigger until up on target and ready to shoot.
 - iv. Always be aware of your target and backstop.
 - b. Health Hazards
 - i. Heat/sun conditions, dehydration, snakes/animals, etc.
 - ii. Shooting at armored plating: splash back within 15 yards
 - c. Any drills performed involving movement will have a 1:1 Instructor to Student ratio
3. Injured Officer Procedures
 - a. San Jose Police Department Tactical Rifle Operator Course Safety Plan will be followed
 - i. Above listed Safety Plan will be issued to and read by all Instructors
 - b. Role of Lead Instructor
 - i. Supervising immediate actions of instructors
 - c. Range Instructors and their responsibilities
 - i. Communications – Fire/Ambulance/Helicopter requested
 - ii. First Aid is rendered to the injured Officer by Instructors/EMT
 - iii. Pre-staged designated transportation vehicle to injured Officer
 - iv. Remaining Instructors take control of Live Fire Line
 - v. Designated Life Flight Landing Pad utilized if needed
4. Range Procedures
 - a. Students will be instructed on range commands
 - b. Conditions of Carry
 - c. Dry Fire Procedures
5. Penal Code / Case Law / Agency Policy
 - a. Penal Code sections 32610(b) / 33220(b)
 - i. Possession Within Scope of Employment
 - ii. Training requirement
 - b. PC § 196PC - Justifiable Homicide
 - i. AB392 revised definition to rely more heavily on PC 835a

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- ii. PC 196 identifies the circumstances when a peace officer is justified to commit a homicide
 - 1. Peace officers shall evaluate each situation in light of the particular circumstance of each case and shall use other available resources and techniques if reasonably safe and feasible to an objectively reasonable officer.
- iii. To defend against and Imminent threat of death or serious bodily injury
- iv. 835a – Ability, Opportunity and Apparent Intent
- v. Officer shall make reasonable efforts to identify themselves and warn that deadly force will be used.
- vi. Officer does not lose right of self-defense by using reasonable force.
- vii. Objective Reasonableness
- c. Case Law Update
 - i. Tennessee vs. Garner
 - ii. Graham vs. Conner
- d. Agency Firearms Use and Use of Force Policies
 - i. Agency Specific
 - ii. Use of Force Options

6. Overview of External and Terminal Ballistics

- a. External Ballistics
 - i. Initial Intersection
 - ii. Maximum Ordinate
 - iii. Zero Intersecting Point
- b. Terminal Ballistics
 - i. Fragmentation and its effects
 - ii. Velocity
 - iii. Bullet design and its effects on terminal ballistics



8. Cycle of Operation

- a. Explanation of what occurs when the rifle is fired

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- i. Chambering
- ii. Firing
- iii. Extracting
- iv. Ejecting

9. Equipment Overview

a. Rifle Accessories

- i. Sling
- ii. Lighting Systems
- iii. Pistol Grip
- iv. Collapsible / Fixed Stock

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- vii. Magazines
- viii. Nomenclature

b. Individual Officer Equipment

- i. Helmet
- ii. Tactical Vest
- iii. Tactical Belt
- iv. Magazine Pouches
- v. Hearing Protection
- vi. Eye Protection
- vii. Knee and Elbow Pads
- viii. Gloves
- ix. Rain Gear

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11. Cleaning the Rifle

- a. Cleaning Equipment
- b. Cleaning Technique
- c. Proper Lubrication
- d. Frequency

12. Maintaining the Rifle

- a. Periodic Inspections
- b. Storage Equipment
- c. Storage Procedures

13. Loading and Unloading Procedures and Demonstration

- a. Loading Magazine
 - i. Insertion of ammunition
 - ii. Number of rounds per magazine
 - iii. Position of top round on left or right side

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| 2 | 95 |
| 3 | 40 |
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| 5 | 55 |
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| 9 | 65 |
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- a. Students will don full deployment kit
 - i. Rifle/Magazines/Accessories need to be accessible at all times
 - ii. Discuss issues that may arise with heavy or bulky gear
 - iii. Students will demonstrate ability to move effectively in their gear

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- | Service | Percentage |
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| Online banking | 85% |
| Mobile banking | 78% |
| ATM services | 72% |
| Branch services | 65% |
| Other services | 45% |

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22. Equipment Maintenance and Accountability

- a. Inspection of equipment used during day (Field stripping/cleaning/lubricating of rifle if needed)
- b. Damaged Operator equipment will be repaired or replaced
- c. Found equipment may be turned over to Instructors

23. Range Clean Up

- Targets will be taken down
- Damaged Range supplies will be repaired or replaced
- New targets may be prepared

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DAY 2

1. Review of Range Safety Rules/Procedures and Health Hazards
 - a. Review of above listed as per Expanded Course Outline, Day 1, Sections 2, 3, and 4

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- i. 1:1 Student to Instructor ratio at the Firing Line

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f. Live Fire Drills

i. 1:1 Student to Instructor ratio at the Firing Line

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5. Instructors will monitor fire cadence

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13. Range Clean Up

- a. Targets will be taken down
- b. Damaged Range supplies will be repaired or replaced

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- c. New targets may be prepared

DAY 4

1. Review of Range Safety Rules/Procedures and Health Hazards
 - a. Review of above listed as per Expanded Course Outline, Day 1, Sections 2, 3, and 4
2. Qualification
 - a. SJPD MERGE Bi-annual Qualification Test
 - i. Lead Instructor will discuss the courses of fire and movements conducted
 - ii. Qualification Test will include movements and courses of fire – a culmination of topics taught
 - iii. Course of fire with Operator movement will have a 1:1 Student to Instructor ratio at the Firing Line
 - iv. Qualification will be a timed event – any shooting beyond the time limit will count as a missed shot
 - v. Students will need at least an 80% target hit rate to pass the Qualification Test

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1. Any student who passes the Qualification Test with a score of 80% or higher will receive a course Certificate of Completion
2. Any student who scores below an 80% will receive a course Certificate of Attendance

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The diagram illustrates a hierarchical tree structure, likely representing a search space or a game tree. The root node is at the top left. It branches into two main paths. The left path continues to branch into several more nodes, with some nodes having multiple children. The right path also branches, but with fewer nodes. The diagram shows the complexity of a search space, where each node represents a state and the edges represent transitions between states. The tree structure is used to analyze the complexity of a search algorithm, such as the one described in the text, which involves finding the shortest path from the root to a goal node.

- a. Targets will be taken down
- b. Damaged Range supplies will be repaired or replaced

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- a. Students will be handed hard copy Certificates of Completion and/or Attendance
- b. Students will have opportunity to provide school feedback and Instructor evaluations