



Cyber Targeting Analysis Course Syllabus (CTAC)

This 80-hour, ten (10) day OR 64-hour, eight (8) day course engages and prepares students with a variety of backgrounds to comprehend joint targeting fundamentals. Providing students with the necessary exposure to Guidance and Policy for Joint Targeting in Support of Cyberspace Operations in order to execute Joint Target Development actions.

Through hands-on exercises and team collaboration, CTAC students will explore use-cases from around the world to practice effective tradecraft and be prepared to operate immediately.

Contact Information

Contact: 443-620-TEAM (8326) Option #2 or training@teamworxsecurity.com

Course Description and Course Goals

- Introduction to how and why joint targeting is conducted
- Identify and explain constraints and obligation that joint targeting analyst must adhere to
- Introduction to foundational knowledge of cyberspace operations and associated policies
- Ability to conduct target system analysis in order to identify and nominate entities for joint target development
- Ability to accurately characterize joint target entities
- Ability to construct joint target development with a team
- Identify and communicate battle and collateral damage assessments
- Ability to communicate actions take with written reports of verbal discussion
- Practice presentation and public speaking skills

Module 1

- Exposure to industry tools that support data integration
- Understanding of the Purpose of Joint Targeting
- Practical understanding of the Categories of Joint Targeting and Targets
- Practical application of the Joint Target Taxonomy Framework
- Understanding of Types of Joint Targets
- Understanding of the Joint Targeting Cycle
- Practical application of Target Analysis

Module 2

- Review Target Analysis and apply Sourcing guidance
- Exposure to Time Sensitive Targets and Joint Targeting Effects
- Understanding Joint Targeting Working Groups and Coordination Boards
- Exposure to Joint Target Lists, Vetting, and Validation
- Understanding of Legal Considerations for Joint Targeting
- Review of Joint Targeting Automation
- Exposure to Cyber Effects Operations and Cyberspace missions related to them
- Understanding of Cyber Attack Actions
- Review of Joint Intelligence Preparation of the Environment (JIPOE)
- Understanding of Standing Rules of Engagement

Module 3

- Positive transfer of knowledge using Module 1 and 2 Exam
- Review of Joint Target Taxonomy Framework and 'FIVE-O' Practical Exercise
- Understanding the Joint Target Development Process
- Understanding of Target System Analysis (TSA) and Counterterrorism Analytical Framework (CTAF) model
- Review of the Characteristics of Joint Targets
- Understanding of Entity Level Joint Target Development
- Practical application of Facility Joint Target Development
- Practical application of Individual Joint Target Development

Module 4

- Practical application of Virtual Joint Target Development
- Practical application of Equipment Joint Target Development
- Practical application of Organization Joint Target Development
- Practical application of Collateral Effects and No Strike Entities (NSE)
- Understanding of Dual-Use Entities

Module 5

- Review of Target Analysis and Sourcing
- Review of Module 4 practical applications
- Practical application of Target Analysis Packets in group environment
- Practice of presentation skills regarding Target Analysis

Module 6

- Joint Target Taxonomy Framework Review
- Understanding of the Combat Assessment Process
- Understanding of Battle Damage Assessments and Assessment Framework
- Practical application of Battle Damage Assessments using the Assessment Framework
- Understanding of and practical application of Collateral Damage Assessment (CDA)

Module 7

- Review of Module 5 Target Analysis presentations
- Apply Battle Damage Assessment to Module 5
- Capstone group assignments
- Introduction to Capstone Mission Brief, Threat Brief, Commanders Intent, and Country Assessment
- Review of capstone materials and Country Assessment

Module 8

- Practice communicating requirements, needs, gaps, and requests for information through written or verbal means
- Practice executing tasks in a group collaborative environment
- Practice presentation and public speaking skills

Students will Need

A computer with internet access. Students are also welcome to bring any other note taking materials they wish. (some handouts will be provided)

Grading

This course is based on participation within daily discussions and group activities. Students **MUST** be present to do so.

Course Schedule

Course schedules can vary based on customer needs.

Ten (10) Day Course Schedule Expectations:

- Daily start time will be 0900 (9 a.m.)
- Daily end time will be between 1600 (4 p.m.) and 1730 (5:30 p.m.)
- Daily lunch break time will be between 1130 to 1300 (1:00 p.m.)
- Daily schedule may flex based on how quickly students are understanding concepts and questions