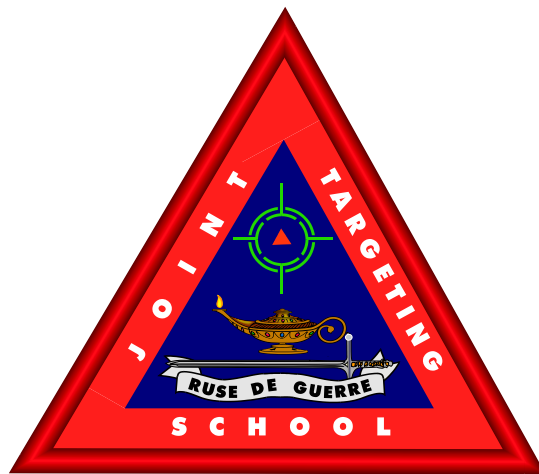


Joint Targeting Staff Course Syllabus

2023



Joint Targeting School

Joint Staff, J7

**The Joint Staff
Joint Targeting School
2088 Regulus Avenue
Virginia Beach, VA 23461-2099**

**Joint Training Course
Joint Targeting Staff Course**

INTRODUCTION

Joint Staff J-7 is the lead agent for this joint training course syllabus, which is authorized for issue by the Joint Targeting School. This syllabus is directive in nature and prescribes the overall training strategy and amount of instruction required for a student with the entry prerequisites to attain course goals and graduate. The Joint Targeting School will ensure each student graduated possesses the knowledge, skills and proficiencies set forth in the course training standards. Within the syllabus and other directive constraints, the amount and level of training devoted to mission elements, events, subjects or phases should be adjusted as required to meet individual student needs. Instructions governing publication and revision of this syllabus are contained in *CJCSM 3500.03E, Joint Training Manual for the Armed Forces of the United States*. This syllabus does not take precedence over applicable governing directives.

LORETA J. FERGUSON
DOD Civilian
JTS Deputy Director

Chapter 1

Course Description

1. **Title:** Joint Targeting Staff Course
2. **Joint Qualified Officer Certification Date:** 31 January 2023
Course earns 1.5 Joint Qualified Officer points.
3. **Joint Qualified Officer Certification Expiration Date:** 30 January 2025
4. **Course Identifiers**
 - a. **Joint "S" Code:** S359
 - b. **USA CIN:** 303JTS001
 - c. **USAF CIN:** X5OZN14N3 0B4A
 - d. **USMC CIN:** N46HFS3
 - e. **USN CIN:** S-3A0005
 - f. **FMS MASL:** P122025
5. **Objective:** To provide doctrinally-based joint targeting education and training in order to prepare service, interagency, and allied personnel for operational-level targeting duties.
6. **Location:** 2088 Regulus Avenue, Virginia Beach, VA 23461-2099.
7. **Duration:** 10 Training Days.
8. **Entry Prerequisites:** Minimum of a Secret security clearance. Review of the executive summaries for the following Joint Publications: JP 2-0, JP 3-0, JP 3-04, JP 3-60, and JP 5-0. Students will leverage principles from these publications starting on day one of the course and will be tested on them during the course examination.
9. **Status upon Graduation:** Graduates are awarded 1.5 Joint Qualified Officer points and receive a certificate of completion.

10. Academic Training	Hours
a. Course Prerequisite Training	5.0
b. JTS Instruction (lecture)	29.0
c. JTS Facilitated Practical Exercises	24.0
d. Homework (professional reading)	13.5
e. Facilitated Homework Discussion	5.0
f. Guest Lectures/Facility Tours	14.0
g. Exam Preparation	1.0
h. Academic Evaluation	4.0
Total Approximate Course Hours	95.5

Chapter 2

Course Administration

Section A - Syllabus Management

1. **Syllabus Interpretation:** This syllabus is directive and must be followed as written. When available JTS will make available guest lecturers to augment course material.
2. **Syllabus Waiver:** All syllabus waivers must be approved by the JTS Director. In all instances JTS will strive to maintain course content while not extending training past the scheduled training dates.
3. **Syllabus Review:** JTS conducts syllabus reviews on an annual basis or as directed by the JTS Director. Following syllabus review, the JTS Director approves any syllabus modification.
4. **Syllabus Content.**
 - a. **Updates:** Course managers approve all lesson updates prior to course presentation.
 - b. **Modification:** The JTS Director approves all syllabus modifications and lesson additions prior to course inclusion.
 - c. **Frequency of Review:** JTS reviews syllabus content on an annual basis. JTS executes additional content review quarterly and/or when lesson references are updated.

Section B - Training Management

1. **Course Manager Responsibilities:** The JTS Director designates course managers. The course manager is responsible for monitoring the content of the assigned course. Prior to course start, the course manager approves the course schedule and flow of events.
2. **Instructor Responsibilities.**
 - a. **Lecture:** Instruction will not exceed 50 minutes without a scheduled break. Individual classes may decide to extend instruction past 50 minutes without a break.
 - b. **Practical Exercises:** JTS instructors will facilitate practical exercise discussion and work. In order to enhance the joint environment, JTS Instructors will not provide answers to practical exercises. Students are expected to collaborate and use the information provided to make an informed decision.
3. **Course Standards:** Students must achieve a minimum of 80% on all exams. The course manager may leverage a consolidated exam in the event of a shortened course (e.g. federal holidays or MTTs). Students are expected to attend all blocks of instruction and actively contribute to practical exercises.
4. **Training Capacity:** The course capacity is 31 seats and will not exceed these numbers. During the first day of training, if a student fails to arrive at the course, the JTS administrator will open the seat to the standby list. Student quotas are managed based upon service and combatant command needs.
5. **Training Materials:** The following is a list of materials needed to accomplish the Staff Course outlined by this syllabus.
 - a. Academic lectures
 - b. Practical exercises
 - c. JTS Joint Targeting Student Guide
 - d. Supplemental articles, white papers, DOD publications, and studies for discussion
 - e. Exam 1/ exam 2, or consolidated exam (course duration dependent)
 - f. 32 computers (31 for students and 1 for instructors)
 - g. Projector

6. Unsatisfactory Performance

- a. **Exam Failure:** If a student fails to achieve at least an 80% on an exam, they will be remediated on the exam material and be allowed to re-take the exam. Students that score below an 80% will be afforded the opportunity of re-attempting one exam per course. Failure of a subsequent exam will result in an overall failure of the Joint Targeting Staff Course. Student failures and removal will be determined by the JTS Staff Course Manager and JTS Director.
- b. **Unexcused Absences:** Two (2) unexcused absences will result in removal from the course at the discretion of the JTS Staff Course Manager and JTS Director.
- c. **Security Violation:** All security violations will be dealt with on an individual basis and may result in removal from the course.
- d. **Dismissal from Course:** In the case of a dismissal from the course for not achieving the academic and overall performance standards, the student's current commanding officer will be notified through formal correspondence by the JTS Director. The student will not receive a certificate of completion or Joint Qualified Officer points.

Chapter 3

Lesson Descriptions

<u>Lesson ID</u>	<u>Lesson Name</u>	<u>Duration</u>
JTS S0000	Welcome	1.0
<i>Objectives:</i> Outline course expectations, introduce JTS curriculum and instructors, facilitate student introductions, identify a class leader, and identify student responsibilities and conduct.		
JTS S0010	Joint Targeting Processes and Definitions	1.0
<i>Objectives:</i> Students will be able to define specific targeting terminology and summarize the joint targeting process and service component targeting processes.		
JTS S0020	Law of War	1.0
<i>Objectives:</i> Students will be able to describe the legal ramifications of target selection and the difference between lawful and unlawful military targets.		
JTS S0030	Joint Planning	1.0
<i>Objectives:</i> Students will be able to summarize the Joint Planning Process (JPP) and describe JPP as it relates to the Joint Targeting Cycle.		
JTS S0040	Commander's Objectives, Targeting Guidance, and Intent	1.0
<i>Objectives:</i> Students will be able to explain the role and importance of Phase 1 of the Joint Targeting Cycle (Commander's Objectives, Targeting Guidance, and Intent).		
JTS S0050	Combatant Command and Joint Task Force Targeting Organizations, and Architecture	1.0
<i>Objectives:</i> Students will be able to explain the role of major Combatant Command and Joint Task Force organizations, to include the Joint Targeting Coordination Board, and the processes that support the Joint Force Commander.		
JTS S0060	Intelligence Support	1.0
<i>Objectives:</i> Students will be able to summarize general intelligence planning concepts and describe how each intelligence discipline supports targeting.		
JTS S0070	Introduction to Target Development and Prioritization	1.0
<i>Objectives:</i> Students will be able to describe, in general terms, Phase 2 of the Joint Targeting Cycle (Target Development and Prioritization) and the role of the Joint Intelligence Preparation of the Operational Environment.		
JTS S0080	Target System Analysis	1.0
<i>Objectives:</i> Students will be able to define Target System Analysis and describe its role in target development.		

JTS S0090 Target Development 1.5

Objectives: Students will be able to describe how target development is conducted at the entity level within Phase 2 of the Joint Targeting Cycle.

JTS S0100 Organizational Support to Targeting 1.5

Objectives: Students will be able to identify Department of Defense (DOD) and non-DOD level entities that contribute to intelligence related targeting activities.

JTS S0110 Target List Management 1.0

Objectives: Students will be able to define and describe target development nomination and review, vetting, validation, and prioritization of targets.

JTS S0120 Capabilities Analysis 1.0

Objectives: Students will be able to explain the concept of capabilities analysis and its role in joint targeting.

JTS S0130 Weaponeering Familiarization 1.0

Objectives: Students will be able to define and describe weaponeering and the principles that support the weaponeering process.

JTS S0140 Air-to-Surface Weapons and Fuzes 1.0

Objectives: Students will be able to identify proper warhead, weapon, and fuze terminology. Students will have a basic understanding of the various air-to-surface weapons available for targeting.

JTS S0150 Air Component Fires Assets 1.0

Objectives: Students will be able to identify current mission sets, capabilities, and limitations of the air component assets available to an operational-level planner.

JTS S0160 Surface-to-Surface Fires 1.0

Objectives: Students will be able to identify current capabilities and limitations of the surface-to-surface assets available to an operational-level planner.

JTS S0165 Targeting in the Electromagnetic Spectrum 1.0

Objectives: Students will be able to describe basic concepts of the electromagnetic spectrum and its relationship to joint targeting.

JTS S0170 Operations in the Information Environment 1.0

Objectives: Students will be able to explain the concepts, organizations, and applications of information forces and their relationship to joint targeting.

JTS S0175 Space Support to Joint Targeting 1.0

Objectives: Students will be able to explain the concepts, organizations, and applications of Space Forces and their relationship to joint targeting.

JTS S0180 Joint Targeting in Cyberspace 1.0

Objectives: Students will be able to explain the concepts, organizations, and applications of cyberspace operations and its relationship to joint targeting.

JTS S0190 Collateral Damage Estimation Methodology 1.0

Objectives: Students will be able to describe basic the application of the Collateral Damage Estimation Methodology in supporting military operations.

JTS S0200 Commander's Decision and Force Assignment 1.0

Objectives: Students will be able to explain Phase 4 of the Joint Targeting Cycle (Commander's Decision and Force Assignment), to include the process and key decisions from the Joint Targeting Coordination Board.

JTS S0205 Introduction to Mission Planning and Force Execution 1.0

Objectives: Students will be able to explain Phase 5 of the Joint Targeting Cycle (Mission Planning and Force Execution), to include the detailed unit-level planning requirements and inputs planners receive from Phase 4.

JTS S0210 Dynamic Targeting (Find, Fix, Track, Target, Engage, Assess) 1.0

Objectives: Students will be able to explain the application of the F2T2EA targeting process within the Joint Targeting Cycle and how it is used to engage dynamic and time sensitive targets.

JTS S0220 Air Tasking Cycle 1.0

Objectives: Students will be able to explain the role of the Air Tasking Cycle in mission planning and force execution.

JTS S0230 Land Component Targeting Process – D3A 1.0

Objectives: Students will be able to explain the Decide, Detect, Deliver, and Assess targeting methodology and how it assists tactical level commanders in operations, orders production, and mission execution.

JTS S0240 Combat Assessment 1.0

Objectives: Students will be able to understand the concept and scope of Combat Assessment (Phase 6 of the Joint Targeting Cycle).

Chapter 4

Practical Exercise Descriptions

<u>Exercise ID</u>	<u>Exercise Name</u>	<u>Duration</u>
JTS PE01	Commander's Objectives, Targeting Guidance, and Intent	4.0
<i>Objectives:</i> Students will characterize the operational environment, conduct center of gravity analysis, and develop targeting guidance that meet the Joint Force Commander's operational objectives and intent.		
JTS PE02	Target System Analysis (TSA) and Target Development Nomination (TDN)	4.0
<i>Objectives:</i> Students will conduct Target System Analysis to create Target Development Nominations.		
JTS PE03	Target Development	2.0
<i>Objectives:</i> Students will walk through the development of a facility target to the basic and intermediate stages of target development. Students will also refine the outputs of Target Development Nominations from PE2.		
JTS P0E4	Target List Management	3.0
<i>Objectives:</i> Students will validate targets to the Joint Target List and Restricted Target List for creation of their Target Nomination Lists (TNL). They will also prioritize their nominations and integrate their TNLS into a draft Joint Integrated Prioritized Target List.		
JTS PE05	Capabilities Analysis	3.0
<i>Objectives:</i> Students will develop Asset Target Interaction lists and brief their component's recommendations to achieve the desired effects.		
JTS PE06	Combat Assessment	1.0
<i>Objectives:</i> Students will walk through each component of combat assessment and review the doctrinal standards for a combat assessment graphic.		
JTS PE07	Joint Target Coordination Board (Capstone PE)	7.0
<i>Objectives:</i> Students will produce a Joint Targeting Coordination Board (JTCB) brief to include the doctrinal recommendations for the Joint Force Commander's approval.		

Chapter 5

Student Evaluations

<u>Event ID</u>	<u>Name</u>	<u>Duration</u>
JTS Exam1S	Examination 1	1.5

Objectives: Students will demonstrate understanding of concepts and doctrinal information pertaining to Phases 1 and 2 of the Joint Targeting Cycle.

JTS Exam2S	Examination 2	1.5
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Objectives: Students will demonstrate understanding of concepts and doctrinal information pertaining to Phases 3 through 6 of the Joint Targeting Cycle.

JTS Exam3S	Consolidated Examination	1.5
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Objectives: Students will demonstrate understanding of concepts and doctrinal information pertaining to Phases 1 through 6 of the Joint Targeting Cycle. The consolidated examination is only used for truncated courses (e.g. holidays, MTTs, or Partners Course).

JTS AAR	Course After Action Review	1.0
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Objectives: Students will do a comprehensive assessment of their work as a cohort during the two-week course and identify any necessary improvements to course modules, supporting material, publications, practical exercises, or exams. Students will additionally provide written course feedback through the course survey. Lastly, the students receive additional resources for further self-development as targeting professionals.

Chapter 6

Course References

1. Joint Publications

- a. Access: Joint Electronic Library Plus
- b. References:
 - JP 1, Doctrine for the Armed Forces of the United States
 - JP 2-0, Joint Intelligence (**and Appendix C. on SIPRNET**)
 - JP 3-0, Joint Campaigns and Operations
 - JP 3-01, Countering Air and Missile Threats
 - JP 3-03, Joint Interdiction
 - JP 3-04, Information in Joint Operations
 - JP 3-05, Joint Doctrine for Special Operations
 - JP 3-09, Joint Fire Support
 - JP 3-09.3, Close Air Support
 - JP 3-12, Cyberspace Operations (**and Appendix A. on SIPRNET**)
 - JP 3-13.2, Military Information Support Operations
 - JP 3-13.3, Operations Security
 - JP 3-13.4, Military Deception (**and Appendix C on SIPRNET**)
 - JP 3-14, Space Operations
 - JP 3-16, Multinational Operations
 - JP 3-24, Counterinsurgency
 - JP 3-25, Countering Threat Networks
 - JP 3-26, Joint Combatting Terrorism
 - JP 3-30, Joint Air Operations
 - JP 3-31, Joint Land Operations
 - JP 3-32, Joint Maritime Operations
 - JP 3-33, Joint Force Headquarters
 - JP 3-36, Joint Air Mobility and Sealift Operations
 - JP 3-57, Civil-Military Operations
 - JP 3-60, Joint Targeting
 - JP 3-61, Public Affairs
 - JP 3-84, Legal Support
 - JP 3-85, Joint Electromagnetic Spectrum Operations
 - JP 5-0, Joint Planning

2. Chairman of the Joint Chiefs of Staff Directives

- a. Access: CJCS/JS Directives Electronic Library
- b. References:
 - CJCSI 3160.01, No-Strike and Collateral Damage Estimation Methodology
 - CJCSI 3122.06, Sensitive Target Approval and Review (STAR) Process (**SIPRNET Access only**)
 - CJCSI 3162.02, Methodology for Combat Assessment
 - CJCSI 3370.01, Target Development Standards (**SIPRNET Access only**)
 - CJCSM 3108.01, Joint Fires Element

3. Multi-Service Tactics Techniques and Procedures (MTTP)

- a. Access: Air Land Sea Application (ALSA) Center
- b. References:
 - MTTP DT
 - MTTP JFIRE
 - MTTP Operation Assessment
 - MTTP SCAR

4. Service and Agency Publications

a. References:

ATP 3-60, Targeting
MCWP 3-31, Marine Air-Ground Task Force Fires
DIA Critical Elements Handbook (**SIPRNET Access only**)
DIAI 3000.002 US/Allied Target Analysis Program (**SIPRNET Access only**)
DIAP 5210.002-M (**SIPRNET Access only**)
DIAP Management Guidance (**SIPRNET Access only**)

5. Others

a. References:

Defense Space Strategy
DOD Dictionary of Military and Associated Terms
Department of Defense Cyber Strategy
Department of Defense Electromagnetic Spectrum Superiority Strategy
DOD Law of War Manual
JMEM/AS Weaponizing Guide
JMEM Weaponizing Software
National Defense Strategy
National Military Strategy
National Military Strategy for Cyberspace Operations
National Security Presidential Memorandum 13 (**SIPRNET Access only**)
National Security Strategy