Joint Targeting Staff Familiarization Course for Partners Syllabus

2020

Joint Targeting School   Joint Staff, J7

The Joint Staff
Joint Targeting School

Joint Training Course
Joint Targeting Staff Familiarization 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. Units tasked to implement this syllabus 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 3500.03D, Joint Training Manual for the Armed Forces of the United States.* This syllabus does not take precedence over applicable governing directives.

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LORETA J. FERGUSON
DOD CIV
JTS Deputy Director

Chapter 1
Course Description

1. **Title:** Joint Targeting Staff Familiarization for Partners Course

2. **Joint Qualified Officer (JQO) Certification Date:** 31 January 2020
   Course earns .5 Joint Qualified Officer (JQO) point.

3. **Joint Qualified Officer (JQO) Certification Expiration Date:** 30 January 2023

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:** Integrate operations and intelligence functions throughout the Joint Targeting Cycle to provide targeting functions in support of the commander's objectives.

6. **Location:** 2088 Regulus Avenue, Virginia Beach, VA 23461-2099.

7. **Duration:** 5 Training Days.

8. **Entry Prerequisites:** Secret clearance is required for entry in to in-residence courses taught at Dam Neck. The course is taught at the UNCLASS but Secret for entrance into the facility.

9. **Status Upon Graduation:** Graduates are awarded 1 Joint Qualification Officer Point and receive Certificates of Completion.

10. **Academic Training** *hours*
    a. **Course Prerequisite Training** 1.5
    b. **JTS Instruction (lecture)** 27.5
    c. **Out-of-class reading** 1.0
    d. **Academic evaluation** 1.0
    e. **Practical Exercise** 4.5

    Total Approximate Course Hours **35.5**

Chapter 2
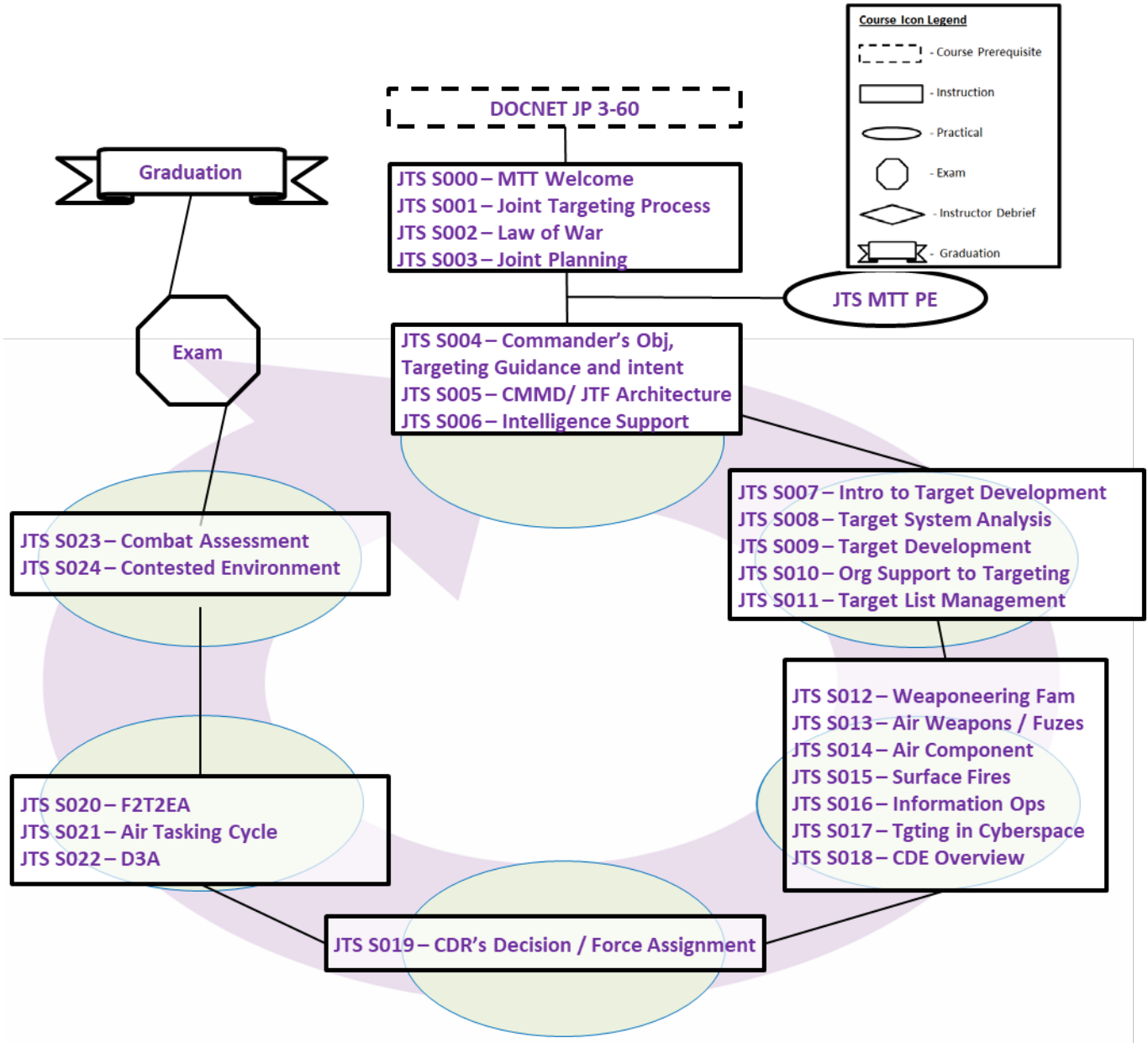# Course Administration

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 mangers 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 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.** Instruction will not exceed 60 minutes without a scheduled break. Individual classes may decide to extend instruction past 60 minutes without a break.

3. **Course Standards:** Students must achieve a minimum of 80% on the administered exam. Students are expected to attend all blocks of instruction and actively contribute to practical exercises.

4. **Training Capacity:** JTS course capacity is generally 30 seats but can exceed these numbers for the Staff Familiarization Course if the hosting command can facilitate efficient training for larger training audiences.

5. **Training Materials:** The following is a list of materials needed to accomplish the Staff Familiarization Course outlined by this syllabus.
   a. Academic lectures
   b. Joint Targeting Staff Course Student Handout
   c. Supplemental articles for discussion
   d. Exam

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 will be afforded the opportunity of re-attempting an exam for exam scores below 80%. Failure of a subsequent exam could result in an overall failure of the JTS Staff Course. Student Failures and removal will be determined by the JTS Staff Course Manager.

b. **Unexcused Absences:** 2 unexcused absences will result in removal from the course at the discretion of the course manager and 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 student's dismissal from the course for not achieving the academic and overall performance standards, the student will not receive a certificate of completion or Joint Qualification Officer Points.

Chapter 3
Course Flow

Course Icon Legend

- - - - - Course Prerequisite

☐ - Instruction

⬭ - Practical

⬡ - Exam

◇ - Instructor Debrief

⚑ - Graduation

DOCNET JP 3-60

Graduation

JTS S000 – MTT Welcome
JTS S001 – Joint Targeting Process
JTS S002 – Law of War
JTS S003 – Joint Planning

JTS MTT PE

Exam

JTS S004 – Commander's Obj, Targeting Guidance and intent
JTS S005 – CMMD/ JTF Architecture
JTS S006 – Intelligence Support

JTS S007 – Intro to Target Development
JTS S008 – Target System Analysis
JTS S009 – Target Development
JTS S010 – Org Support to Targeting
JTS S011 – Target List Management

JTS S023 – Combat Assessment
JTS S024 – Contested Environment

JTS S012 – Weaponeering Fam
JTS S013 – Air Weapons / Fuzes
JTS S014 – Air Component
JTS S015 – Surface Fires
JTS S016 – Information Ops
JTS S017 – Tgting in Cyberspace
JTS S018 – CDE Overview

JTS S020 – F2T2EA
JTS S021 – Air Tasking Cycle
JTS S022 – D3A

JTS S019 – CDR's Decision / Force Assignment

Chapter 4
Lesson Descriptions

Lesson ID	Lesson Name	Duration

JTS S000   **Welcome**   **1.0**

Objectives: Outline course expectations, introduce JTS curriculum and instructors, facilitate student introductions, and identify a class leader.

JTS S001   **Joint Targeting Processes and Definitions**   **1.0**

Objectives: Students will be able to define specific targeting terminology and summarize the joint targeting process and service component targeting processes.

JTS S002   **Law of War**   **1.0**

Objectives: Students will be able to describe the legal ramifications of target selection and the difference between lawful and unlawful military targets.

JTS S003   **Joint Planning**   **1.0**

Objectives: Students will be able to summarize the Joint Planning Process (JPP) and describe the link between targeting guidance and operation planning.

JTS S004   **Commander's Objective, Targeting Guidance and intent**   **1.0**

Objectives: Students will be able to explain the role and importance of Phase 1 of the Joint Targeting Cycle (End State and Commander's Objectives).

JTS S005   **Combatant Command and JTF Organizations and Architecture**   **1.0**

Objectives: Students will be able to explain the role of major CCMD and JTF organizations, to include the Joint Targeting Coordination Board (JTCB), and the processes that support the Joint Force Commander (JFC).

JTS S006   **Intelligence Support**   **1.0**

Objectives: Students will able to summarize general intelligence planning concepts and describe how each intelligence discipline supports targeting.

JTS S007   **Introduction to Target Development and Prioritization**   **0.5**

Objectives: 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 (JIPOE).

JTS S008   **Target System Analysis**   **1.0**

Objectives: Students will be able to define Target System Analysis (TSA) and describe its role in target development.

JTS S009   Target Development   1.0

   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 S010   Organizational Support to Intelligence Related Targeting Activities   1.5

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

JTS S011   Target List Management   1.0

   Objectives: Students will be able to define and describe vetting, validation, and target list management.

JTS S012   Weaponeering Familiarization   1.0

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

JTS S013   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 S014   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 S015   Surface-to-Surface Fires   1.0

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

JTS S016   Information Operations Support to Targeting   1.0

   Objectives: Students will be able to explain the concepts and applications of information operations and information related capabilities and their relationship to joint targeting.

JTS S017   Targeting in the Cyberspace Domain   1.0

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

JTS S018   Collateral Damage Estimation (CDE) Overview   1.5

   Objectives: Students will be able to explain the use of the Collateral Damage Estimation (CDE) methodology for all target types while employing any conventional weapon. Students will be able to explain how the CDE methodology accurately estimates associated risks, restrictions, and techniques required for a final CDE Analysis Evaluation.

JTS S019   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 production items of the Joint Targeting Coordination Board (JTCB).

JTS S020   Find, Fix, Track, Target, Engage, Assess (F2T2EA)   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 S021   Air Tasking Cycle   1.0

Objectives: Students will be able to explain the role of the Air Tasking Cycle (ATC) in relation to the Joint Targeting Cycle.

JTS S022   Land Component Targeting Process – D3A   1.0

Objectives: Students will be able to explain the Decide, Detect, Deliver, and Assess (D3A) targeting methodology and how it assists tactical level commanders in operations order production and mission execution.

JTS S023   Combat Assessment   1.0

Objectives: Students will be able to define the concept and scope of Phase 6 of the Joint Targeting Cycle (Targeting Assessment) and identify its purpose in the Joint Targeting Cycle.

JTS S024   Targeting in a Contested Environment   1.0

Objectives: Students will gain a general understanding of targeting in contested environments against transregional, multidomain and multi-functional (TMM) threats or adversarial networks and how it relates to the Joint Targeting Cycle. Understand general aspects of the operational environment which affect targeting in the land, air, maritime, cyber and space domains.

Chapter 5
Practical Exercise Descriptions

JTS PE(MTT)   *MTT Practical Exercise*   *4.5*

Objectives: Develop targeting guidance, select and prioritize targets, and recommend a concept of targeting.

Chapter 6
Student Evaluations

Name   **Duration**

JTS MTT (A)   MTT Examination   1.0

Objectives: Students will demonstrate understanding of concepts and doctrinal information pertaining to Phases 1 through 6 of the Joint Targeting Cycle.

Chapter 7
Course References

1. Joint Publications
    a. Access: https://jdeis.js.mil/jdeis/index.jsp?pindex=2
    b. Reference
        JP 1, Doctrine for the Armed Forces of the United States
        JP 2-0 Joint Intelligence
        JP 2-01, Joint and National Intelligence Support to Military Operations
        JP 2-01.2, Counterintelligence and Human Intelligence in Joint Operations **(Note 1)**
        JP 2-01.3, Joint Intelligence Preparation on the Operational Environment
        JP 2-03, Geospatial Intelligence in Joint Operations
        JP 3-0, Joint Operations
        JP 3-01, Countering Air and Missile Threats
        JP 3-03, Joint Interdiction
        JP 3-05, Special Operations
        JP 3-09, Joint Fire Support
        JP 3-09.3, Close Air Support
        JP 3-12, Cyberspace Operations **(Note 1)**
        JP 3-13, Information Operations
        JP 3-13.1, Electronic Warfare
        JP 3-17 Air Mobility Operations
        JP 3-24, Counterinsurgency
        JP 3-30, Command and Control of Joint Air Operations
        JP 3-31, Command and Control for Joint Land Operations
        JP 3-32, Command and Control for Joint Maritime Operations
        JP 3-33, Joint Task Force Headquarters
        JP 3-60, Joint Targeting
        JP 5-0, Joint Operation Planning
        JP 6-01, Joint Electromagnetic Spectrum Management
                                Note 1: These publications are SIPRNET only.

2. Chairman of the Joint Chiefs of Staff Directives
    a. Access: https://ca.dtic.mil/cjcs_directives/index.htm
    b. Reference
        CJCSI 3160.01, No-Strike and Collateral Damage Estimation Methodology
        CJCSM 3162.01, Methodology for Combat Assessment
        CJCSI 3370.01, Target Development standards (Unclassified, SIPRNET Access only)

3. Multi-Service Tactics Techniques and Procedures (ALSA)
    a. Access: http://www.alsa.mil/index.html
    b. Reference
        MTTP Dynamic Targeting (ALSA)

4. Service and Agency Publications
    a. Reference
        FM 3-60,The Targeting Process

MCWP 3-16, Fire Support Coordination in the GCE
DIAP 5210.002-M (Unclassified, SIPRNET Access only)
DIAI 3000.002 US/Allied Target Analysis Program (Classified)
DIA-13-1308-855 Critical elements Handbook (Classified)
DIAP management Guidance (Classified)
DI-2820-2-03 BDA Reference Handbook (Classified)

5. Others
    a. Reference
        JMEM/AS Weaponeering Guide
        JMEM Weaponeering Software