



COMBAT LIFESAVER

TACTICAL COMBAT CASUALTY CARE

COURSE SYLLABUS

25 JAN 2020



**Committee on
Tactical Combat
Casualty Care
(CoTCCC)**

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TCCC LEAD AGENT: Defense Health Agency (DHA), Joint Trauma System (JTS), Falls Church, VA

COURSE DESCRIPTION: The Tactical Combat Casualty Care (TCCC) Combat Lifesaver (CLS) Course provides the means to help familiarize you with TCCC concepts and lifesaving skills to render medical aid to a trauma casualty. The course (with recommended suggestions) provides information through a short lecture followed by interactive hands-on skills training and formal assessment. The CLS TCCC Course encompasses tactical trauma assessment, bleeding control interventions, airway and respiratory management techniques, rescue drag/carry techniques, prevention and treatment of shock, burns, eye injuries, splints, pain management, critical communication, and medical documentation practices. The TCCC skills have been proven safe and effective and can be performed by someone with no medical training. At the completion of this 40-hour course, you will be qualified at a TCCC basic proficiency level.

PREREQUISITES: All Service Members Course (ASM) or higher.

COURSE DESIGN: The TCCC CLS curriculum features a student-centered approach tailored to a novice TCCC learner. The training methods and materials are uniquely designed to accommodate a variety of learning styles and preferences, while also ensuring learning objectives are met efficiently and effectively. In particular, the use of multimedia training content and technology is a key part of the learning strategy. An active-learning environment is used to facilitate learning and assessment in a collaborative setting using training aids to further enrich the hands-on learning experience. Throughout the course, you will receive coaching and timely performance feedback from course trainers.

COURSE FLOW: Following an introductory presentation, you will participate in a series of trainer-led skill stations to learn and practice TCCC skills. At each skill station, a short series of video-based “how-to” instructions will be presented, using a **Whole-Part-Whole** (WPW) approach. The first “whole” relates to the beginning phases of care, leading into the Introduction to Tactical Trauma Assessment (TTA). The “part” phase relates to MARCH PAWS, while the last “whole” relates to the TTA practice and assessment.

Trainers will provide further demonstration and reinforcement of video instruction. After practicing the skills, you will be evaluated by an accessor using a Skills Checklist. The trainer will provide opportunities for remediation, if needed. A multiple-choice assessment will be administered to students. The course concludes with a debriefing session and final student course critique (evaluation).

This training approach should help you:

- Understand and value the importance of lifesaving skills and their role in helping eliminate preventable deaths due to trauma, ensuring military readiness
- Understand and value how lifesaving skills are used in everyday life
- Perform lifesaving skills at a basic proficiency level

COURSE SYLLABUS

STUDENT TRAINING MATERIALS: The following reference materials will be used:

- **Skill Instructions** – detailed step-by-step *text* instructions for performing the tactical trauma assessment and additional lifesaving skills
- **Skill Cards** – *pictorial* step-by-step illustrations of each skill
- **DD Form 1380** – Tactical Combat Casualty Care Card

MEDICAL SUPPLIES (Class VIII): Each student will be provided supplies to practice lifesaving skills:

- JFAK or other individual first aid kit
- Windlass tourniquet
- Ratchet tourniquet
- Hemostatic dressing
- Pressure bandage
- Improvised pressure delivery device
- Combat Wound Medication Pack
- Watch or similar device to display seconds
- Active warming devices (poncho, wool blanket, Mylar, dry wrap, space blanket)
- Bag Valve Mask (BVM)
- Kerlix or compressed gauze
- Nasopharyngeal Airway (NPA)
- Needle decompression supplies (tape, chest seals, 14g sterile needle)
- Eye shield (tape)
- Splint materials (elastic bandages, rigid wood splint, or SAM splint)

TRAINING AIDS:

- Part-task bleeding control trainer for tourniquet application, wound packing, and pressure dressing
- Airway mannequins, if available (or site-specific provisions)

SAMPLE SCHEDULE (Day 1)

CONTENT TYPE	MODULES COVERED	TIMELINES (SAMPLE FORMAT)
DAY 1		
WELCOME		10 minutes
INTRODUCTORY PRESENTATION	1	30 minutes
SKILL STATIONS – LEARN & PRACTICE	2, 3	
■ Medical Equipment		40 minutes
■ Care Under Fire		140 minutes
Lunch		60 minutes
SKILL STATIONS – LEARN & PRACTICE	4, 5	
■ Tactical Field Care		50 minutes
■ Tactical Trauma Assessment		70 minutes
INDIVIDUAL SKILLS ASSESSMENT (optional)	2–5	60 minutes
Course Debrief and Wrap-up		20 minutes
Course Evaluation		10 minutes
Total for Day 1		480 minutes

COURSE SYLLABUS

LEARNING OBJECTIVES

The curriculum is based on a foundation of learning objectives, which are a combination of cognitive and performance learning objectives. The main focus of the course is hands-on skills training, so most of the learning objectives are performance-based. A complete list of learning objectives is available upon request. All objectives must be met in accordance with the Committee on Tactical Combat Casualty Care's TCCC Guidelines.

	MODULE TITLE	TERMINAL LEARNING OBJECTIVES
01	Principles and Application of TCCC	Demonstrate the application of TCCC
02	Medical Equipment	Describe and identify medical equipment
03	Care Under Fire	Perform Care Under Fire
04	Principles and Application of Tactical Field Care (TFC)	Perform TFC
05	Tactical Trauma Assessment	Perform the steps required for a Tactical Trauma Assessment
06	Massive Hemorrhage Control in TFC	Perform massive hemorrhage control during TFC
07	Airway Management in TFC	Demonstrate basic care for a casualty with a compromised airway or respiratory distress
08	Respiration Assessment and Management in TFC	Perform airway management during TFC
09	Circulation/Hemorrhage Control in TFC	Perform hemorrhage control during TFC
10	Shock Recognition	Describe a shock assessment in TFC
11	Hypothermia Prevention	Perform hypothermia prevention measures on a trauma casualty during TFC and Tactical Evacuation Care (TACEVAC)
12	Head Injuries	Identify a head injury in accordance with DODI 6490.11
13	Eye Injuries	Perform an assessment and initial treatment of a penetrating eye trauma during TFC
14	Analgesia & Antibiotic Administration	Perform analgesia administration during TFC Perform antibiotic administration during TFC
15	Wound Management	Perform an assessment and initial management of wounds during TFC
16	Burns	Perform an assessment and initial treatment of burns in TFC
17	Fractures	Perform an assessment and initial treatment of fractures during TFC
18	Casualty Monitoring	Perform monitoring of a casualty during TFC
19	Pre-evacuation Procedures, Communication, and Documentation	Perform pre-evacuation procedures and documentation of care during TFC
20	Evacuation Procedures	Prepare casualties for evacuation during TFC



COURSE SYLLABUS

SUMMATIVE & FORMATIVE ASSESSMENT/EVALUATION

The TCCC CLS course includes a final, multiple-choice exam. The student must receive a 70% minimal score on this exam. Also, the student is assessed on knowledge and performance of TCCC skills using a scenario-based Tactical Trauma Assessment. The student must successfully perform the critical skills identified on the TTA Checklist (the minimum standard) to successfully pass this course. Passing criteria for this course include successfully completing the exam and performance-based skills.

REFERENCES:

1. Tactical Combat Casualty Care Guidelines as published by the Committee on Tactical Combat Casualty Care (CoTCCC), August 2019.
2. TCCC Quick Reference Guide, first edition, January 2017.

Developed by the
JOINT TRAUMA SYSTEM
part of the



DEFENSE HEALTH AGENCY