

**CLS**

**TCCC**

**ALL SERVICE MEMBERS  
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 assessor 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

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**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) |
|---|-----------------|---------------------------|
| <b>DAY 1</b>  |                 |                           |
| <b>WELCOME</b>  |                 | 10 minutes                |
| <b>INTRODUCTORY PRESENTATION</b>  | 1               | 30 minutes                |
| <b>SKILL STATIONS – LEARN &amp; PRACTICE</b>  | 2, 3            |                           |
| <ul style="list-style-type: none"> <li>■ Medical Equipment</li> <li>■ Care Under Fire</li> </ul>              |                 | 40 minutes<br>140 minutes |
| Lunch   |                 | 60 minutes                |
| <b>SKILL STATIONS – LEARN &amp; PRACTICE</b>  | 4, 5            |                           |
| <ul style="list-style-type: none"> <li>■ Tactical Field Care</li> <li>■ Tactical Trauma Assessment</li> </ul> |                 | 50 minutes<br>70 minutes  |
| <b>INDIVIDUAL SKILLS ASSESSMENT (optional)</b>  | 2–5             | 60 minutes                |
| Course Debrief and Wrap-up  |                 | 20 minutes                |
| Course Evaluation   |                 | 10 minutes                |
| <b>Total for Day 1</b>  |                 | 480 minutes               |

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## 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<br>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   |



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### **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