



## COMPUTER TRAINING SYSTEMS



AIR MEDICAL  
**TRAINING**

### ACCREDITED AIR MEDICAL CREWMEMBER TRAINING SYLLABUS

Each Air Medical Crewmember training program consists of customer-selected subjects from the list below. Each course is a comprehensive learning program covering the listed topics. Subjects include a mixture of interactive tutorials and text-based lessons, culminating in an exam. Each course also includes administrator access to online record keeping in order to track and monitor individual student progress. Guidance for the selection of these subjects is provided in 14 CFR Part 135.621.

#### **AIR MEDICAL RESOURCE MANAGEMENT (CAPCE accredited)**

##### **Tutorial - AMRM**

- Requirements and Purpose
- Communication Skills and Processes
- Building and Maintaining a Team
- Decision Making Process
- Situational Awareness and Workload Management
- Individual Human Factors
- AMRM Participant Evaluation

#### **AIRCRAFT AND AMBULANCE SAFETY**

##### **Tutorial - Aircraft and Ambulance Safety**

- Scene Operations
- Safety Rules Around the Aircraft
- Obstacle Recognition
- In-Flight Passenger Manipulation of Controls
- Flight Following Procedures
- Inadvertent IMC
- Emergency Operations
- Loading and Unloading Patients

##### **Lessons**

- Aircraft and Ambulance Safety

#### **AVIATION TERMINOLOGY**

##### **Tutorial - Aviation Terminology**

- Definitions

##### **Lessons**

- Aviation Terminology

#### **AVIATION WEATHER THEORY**

##### **Tutorial - Aviation Weather Theory**

- The Standard Atmosphere
- Moisture
- States of Water
- Cloud Types
- Air Masses
- Fronts
- Turbulence
- Adverse Weather
- Aviation Weather Services

##### **Lessons**

- Aviation Weather

#### **BLOODBORNE PATHOGENS**

##### **Tutorial - Bloodborne Pathogens**

- Definitions
- Engineering and Work Practice Controls
- Risk Potential
- Hepatitis B Vaccinations

##### **Lessons**

- Bloodborne Pathogens

#### **DUTIES AND RESPONSIBILITIES**

##### **Tutorial - Duties and Responsibilities**

- Duties and Responsibilities

#### **EMS RADIO COMMUNICATIONS**

##### **Tutorial - EMS Radio Communications**

- Technisnics Radio Display Description
- Technisnics Radio Operations
- A710 Audio Control
- Satellite Phones

##### **Lessons**

- EMS Radio Communications

#### **FEDERAL AVIATION REGULATIONS**

##### **Tutorial - Federal Aviation Regulations**

- CFR Title 49 Part 830
- CFR Title 14 Part 1.1
- CFR Title 14 Part 91
- CFR Title 14 Part 119
- CFR Title 14 Part 135

##### **Lessons**

- Federal Aviation Regulations

#### **HAZARDOUS MATERIALS**

##### **Tutorial - Hazardous Materials**

- Introduction
- General Philosophy
- Limitations
- Labeling and Marking
- Recognition of Undeclared Hazardous Materials
- Provisions for Passengers
- Emergency Procedures

##### **Lessons**

- Hazardous Materials

#### **HIPAA - Health Insurance Portability and Accountability Act**

##### **Tutorial - HIPAA - Health Insurance Portability and Accountability Act**

- HIPAA Overview
- The Privacy and Security Rules

##### **Lessons**

- HIPAA

#### **PASSENGER BRIEFING**

##### **Tutorial - Passenger Briefing**

- Passenger Briefing

##### **Lessons**

- Passenger Briefing

#### **PHYSIOLOGICAL ASPECTS OF FLIGHT**

##### **Tutorial - Physiological Aspect of Flight**

- The Atmosphere
- Circulatory System
- Respiratory System
- Hypoxia
- Hyperventilation
- Pressure Change Effects
- Stress and Fatigue

##### **Lessons**

- The Atmosphere
- Circulatory System
- Respiratory System
- Hypoxia
- Hyperventilation
- Pressure Change Effects
- Stress and Fatigue

#### **SURVIVAL**

##### **Tutorial - Survival**

- Scenario
- Tools
- First Aid
- Shelter
- Warmth and Fire
- Water and Food
- Signaling

##### **Lessons**

- Survival

**ADDITIONAL FEE:  
NIGHT VISION GOGGLES**

**Tutorial - Night Vision Goggles**

- Human Factors
- Equipment and Operation
- Environment and Considerations
- Planning and Emergency Operations

**Lessons**

- Night Vision Goggles