



COMPUTER TRAINING SYSTEMS



AIR MEDICAL
TRAINING

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

Tutorial - AMRM

- Air Medical Resources Management
- Communications Processes and Decision Behavior
- Team Building and Maintenance
- Workload Management and Situational Awareness

Lessons

- AMRM
- Fatigue - Effects and Reduction
- Stress - Effects and Reduction

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 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

- The Standard Atmosphere
- Moisture
- Cloud Types
- Air Masses and Fronts
- Turbulence and Wind Shear
- Adverse Weather - Icing
- Adverse Weather - Thunderstorms
- Adverse Weather - Fog

AVIATION TERMINOLOGY

Tutorial - Aviation Terminology

- Definitions

Lessons

- Aviation Terminology

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

- Technisomics Radio Display Description
- Technisomics Radio Operations
- A710 Audio Controls
- 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

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

PASSENGER BRIEFING

Tutorial - Passenger Briefing

- Passenger Briefing

Lessons

- Passenger Briefing

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