

COMPUTER TRAINING SYSTEMS

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FIXED WING GENERAL SUBJECTS SYLLABUS

Each customer's General Subjects training program consists of selections from the list below. It is tailored to each customer's specific operation and is kept updated. It takes the average student 15-20 minutes to complete each lesson. All exams are randomly selected from a bank of up to 200 questions. Lesson completion and exam results are automatically recorded. Lessons are corrected to 100% and exam errors are reviewed.

Aeronautical Decision Making

(ADM)

Tutorial

Introduction

Self-Assessment

Stress and Flying

Risk Management

Identifying the Enemy

Examination

Aeronautical Information

Manual

Airport Lighting

Airport Operations

Airspace

Clearances – IFR

Clearances – VFR

Departure & Arrival IFR 1-2

Distress, Urgency & Ditching

Enroute

Medical Facts

Misc Info. IFR Pilots

Misc Info. Heli. Pilots

Misc Info. F/Wing Pilots

IFR NAVAIDS (4 lessons)

VFR NAVAIDS

Preflight, VFR/IFR

Radio Communications

Services for Pilots

Safety of Flight (3 lessons)

Examination (VFR and IFR)

AeroNav Charts

Departures and Arrivals 1-2

Enroute Charts 1-2

Approach Charts 1-3

Examination

Airspace

Tutorial (Graphic Sim)

Airspace 1 –3

Examination

Anti-Ice and De-ice

Anti-Ice and Deice Tutorial

Anti-Ice and De-ice

Examination

Aviation Weather

Aviation Weather Tutorial

Temperature and Pressure

Moisture in the Atmosphere

Clouds

Thunderstorms

Fronts

Fog

Icing

Examination

High Altitude Weather and

Aerodynamics

Tutorial

High Altitude Weather 1

High Altitude Weather 2

Aerodynamics

Examination

Canadian Air Regulations

AIP and RAC – Canada

36 Lessons

Examination

CFIT

Tutorial

CFIT-1

CFIT-2

Examination

Classes of Fire

Tutorial

Classes of Fire 1

Classes of Fire 2

Examination

Crew Resource Mgmt.

Communication

Situational Awareness

Decision Making

Cockpit Resource Mgmt.

FAR Part 119

General

Subpart C – Lesson 1-3

Examination

FAR Part 121

Subparts A – V

(21 lessons)

Examination

FAR Part 125

Subparts 1-6

Examination

FAR Part 135

General Lessons 1-3

Fixed Wing Specific

Helicopter Specific

IFR Specific

IFR Helicopter Specific

Eligible On-Demand

Operations

Examination

Far Part 91 Subpart F

Lessons 1-2

Examination

FAR Parts 1, 61, 67, 91 and NTSB 830

IFR lessons 1-3

IFR 4 - Fixed Wing Specific

IFR 5 - Helicopter Specific

NTSB Regulations

VFR lessons 1-4

VFR 5 – Fixed Wing Specific

VFR 6 – Helicopter Specific

Examination

Fixed Wing Windshear

Flight Crew Actions

Windshear Encounters 1 – 2

Windshear Recovery

Windshear Weather 1 – 2

Examination

COMPUTER TRAINING SYSTEMS

FIXED WING GENERAL SUBJECTS SYLLABUS

GPS-Fixed Wing

Tutorial

GPS 1

GPS 2

GPS 3

WAAS

Examination

Hazardous Materials (Will Carry or Will Not Carry)

Label Identification Tutorial

Emergency Procedures

General Philosophy – 1-2

Limitations

List of Hazardous Material

Pilots Notification

Provisions for Passengers & Crew

Recognition of Undeclared

Hazardous Material

Storage and Loading Procedures

Examination

ILS PRM

Tutorial

ILS PRM 1-3

Examination

International Procedures

Tutorial

International Flight Information

ICAO Flight Planning 1-2

Customs Lessons 1-3

Weather

Inflight Contingencies

Miscellaneous

Canada 1-2

Communications and Reports

Organized Track System

MNPS

Examination

Jeppesen Instrument Charts

Departures and Arrivals 1-2

Enroute Charts 1-2

Approach Charts 1-3

Examination

Land and Hold Short

Tutorial

Land and Hold Short 1-3

Examination

METAR

Tutorial

METAR Lessons 1-3

Optional Lessons

Edible Plants 1-2

Human Performance 1-3

Examination

Physiology and First Aid-Fixed Wing

Decompression Sickness

First Aid 1-2

Hyperventilation

Hypoxia 1-4

Spatial Disorientation 1-3

Trapped Gases

Examination

Pilot's Glossary

VFR

VFR and IFR Part 1-4

IFR Part 1-5

Examination

RNP

RNP-1

RNP-2

Examination

Runway Incursion

Tutorial

Runway Incursion

Examination

RVSM-DRVSM

RVSM-DRVSM Tutorial

Oceanic RVSM Tutorial

RVSM-DRVSM 1-2

Oceanic RVSM

Examination

Survival

Arctic Survival

Desert Survival

Food

General

Making Fires

Navigation

Signaling

Survival at Sea

Water

Examination

TAWS

Tutorial

TAWS

Examination

US RNAV Operations

Tutorial

RNAV

Examination

An **Operations Manual Training Program** can be developed for your specific operations manual and specifications.