

Note This Class has Monday Work!!

August 8-12

Class Introduction and Orientation

1. Teacher Introduction
2. Classroom and Learning Rules
3. Grading System
4. White Board and Cabinets Orientation
5. Chrome Books Sites we will use.
6. Classroom Contracts

August 16-19

Unit 1: Aviation Weather Theory

Pre-Course Exam

Section A – Why Weather Matters

Lesson 1 Introduction to Aviation Weather

Section B – Understanding Atmosphere

Lesson 1 Makeup of the Atmosphere-1

Lesson 1 Makeup of the Atmosphere-2

August 23-26

Lesson 1 Makeup of the Atmosphere-3

Lesson 2 Atmospheric Circulation and Winds-1

Lesson 2 Atmospheric Circulation and Winds-2

Lesson 2 Atmospheric Circulation and Winds-3

August 30-Sept 2

Lesson 3 Clouds and Precipitation-1

Lesson 3 Clouds and Precipitation-2

Lesson 3 Clouds and Precipitation-3

Lesson 3 Clouds and Precipitation-4

Sept 6-9

Lesson 4 Air Masses and Fronts-1

Lesson 4 Air Masses and Fronts-2

Lesson 4 Air Masses and Fronts-3

Lesson 4 Air Masses and Fronts-4

Sept 13-16

Lesson 5 Thunderstorms-1

Lesson 5 Thunderstorms-2

Lesson 5 Thunderstorms-3

Lesson 5 Thunderstorms-4

Unit 1 Exam

Sept 20-23 --Grades Go In

Unit 2: Aviation Weather Services

Section A – Weather Observations and Forecasts

Lesson 1 Introduction to Aviation Weather Services

Lesson 2 Aviation Weather Observation & Reporting-1

Lesson 2 Aviation Weather Observation & Reporting-2

Lesson 2 Aviation Weather Observation & Reporting-3

Lesson 2 Aviation Weather Observation & Reporting-4

Break Sept 26-30

Oct 4-7

Lesson 3 Aviation Forecasts and Weather Charts-1

Lesson 3 Aviation Forecasts and Weather Charts-2

Lesson 3 Aviation Forecasts and Weather Charts-3

Lesson 3 Aviation Forecasts and Weather Charts-4

Oct 11-14

Section B – Getting Weather Information

Lesson 1 Preflight Weather Planning-1

Lesson 1 Preflight Weather Planning-2

Lesson 1 Preflight Weather Planning-3

Lesson 2 In-flight Weather and Tactical Weather Decision Making-1

Lesson 2 In-flight Weather and Tactical Weather Decision Making-2

Oct 18-21

Lesson 2 In-flight Weather and Tactical Weather Decision Making-3

Unit 2 Exam

Unit 3: Airport Operations

Section A – Understanding Airports

Lesson 1 Introduction to Airports and Airport Data-1

Lesson 1 Introduction to Airports and Airport Data-2

Lesson 2 Airport Markings and Signs-1

Oct 24-28

Lesson 2 Airport Markings and Signs-2

Lesson 2 Airport Markings and Signs-3

Lesson 2 Airport Markings and Signs-4

Lesson 3 Airport Lighting-1

Lesson 3 Airport Lighting-2

Nov 1-4

Lesson 4 Traffic Patterns-1

Lesson 4 Traffic Patterns-2

Lesson 5 Communications-1

Lesson 5 Communications-2

Lesson 5 Communications-3

Nov 8-10 No School 11th

Lesson 5 Communications-4

Lesson 6 ATC-1

Lesson 6 ATC-2

Lesson 7 Pilot Communications in the Airport Environment-1

Nov 15-18

Lesson 7 Pilot Communications in the Airport Environment-2

Lesson 7 Pilot Communications in the Airport Environment-3

Lesson 8 Airport Safety and Pilot Considerations-1

Lesson 8 Airport Safety and Pilot Considerations-2

Unit 3 Exam

*****Thanks Giving Break Nove 20-24*****

Nov 28-Dec 2

Unit 4: Introduction to Aeronautical Charts and Airspace

Section A – Introducing Aeronautical Charts and Airspace

Lesson 1 Introduction to Aeronautical Charts-1

Lesson 1 Introduction to Aeronautical Charts-2

Lesson 1 Introduction to Aeronautical Charts-3

Lesson 1 Introduction to Aeronautical Charts-4

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Dec 6-9

Lesson 2 Introduction to the National Airspace System-1

Lesson 2 Introduction to the National Airspace System-2

Lesson 2 Introduction to the National Airspace System-3

Unit 5: Post-Course Exam Review

Dec 13-16

Section A – Post-Course Exam Review

Lesson 1 Review or Project: Student/Teacher Choice

Unit 4 Exam

Post-Course Exam

*****Grades Go In*****

*****Winter Break Dec 19- Jan 6*****