Introduction to Aviation:

The **Introduction to Aviation** Training Course offers a detailed overview of the aviation industry's intricate and multifaceted nature. This comprehensive course is designed to provide participants with an in-depth understanding of the regulatory framework that governs aviation, introduce them to key aviation certification bodies, and explore the laws and regulations they enforce. It covers critical areas such as aviation management, safety, law, insurance, and risk management, equipping learners with a robust foundation for future specialization or career advancement in the aviation field.

Target Audience:

This course is ideal for:

- Individuals preparing for a career in aviation.
- Professionals seeking to enhance their knowledge and skills within the aviation sector.
- Aviation managers and those involved in airport operations, aircraft operations, or civil aviation regulation.
- Anyone interested in understanding the complexities of the aviation industry, including safety, law, and certification processes.

Course Objectives:

Upon completion of the **Introduction to Aviation** program, participants will be able to:

- Gain in-depth knowledge of organizing and managing scheduled or charter flights in compliance with international and EU aviation regulations.
- Familiarize themselves with National Civil Aviation Authorities (NCA), the **International Civil Aviation Organization (ICAO)**, **Joint Aviation Authorities (JAA)**, and the **European Union Aviation Safety Agency (EASA)**.
- Understand European regulations and their impact on airline operations.
- Grasp the complexities of airline structure, including the issuance and management of aviation certificates and licenses.
- Learn about the **European Open Sky policy** and its significance.

Targeted Competencies:

By the end of this course, participants will develop competencies in the following areas:

- General aviation knowledge.
- **Airport operations** and their relation to the broader aviation landscape.
- **Aircraft operations** and compliance with relevant regulations.
- Understanding **civil aviation regulation** and its role in aviation safety.

Course Content:

Unit 1: Introduction to Aviation

- The necessity for a comprehensive **regulatory environment** in aviation.

- The **Chicago Convention**, ICAO’s structure, rulemaking procedures, and annexes.
- The **European Civil Aviation Conference (ECAC)** and the evolution from **JAA** to **EASA**.
- Authority relationships between **National Civil Aviation Authorities** and **EASA**.

Unit 2: European Regulations in Aviation

- Rulemaking procedures within the EU and the role of European institutions such as the European Parliament and the European Commission.
- Understanding European regulations and their relationship with **national rules** and **ICAO AMCs**.
- Key **regulatory packages** and their influence on aviation operations, maintenance, handling, and airport slots.
- Consumer protection regulations in aviation.

Unit 3: Introduction to Aviation Management

- Operational structure of an **EASA-compliant airline** and its management system.
- The importance of quality and **safety management systems** in airlines.
- Airline maintenance structures and responsibilities, including **airline post holders** and their functions.
- Licensing requirements for flying, operational, and maintenance personnel.

Unit 4: Aviation Certification, Airline Licenses, and A.O.C.

- Differences between **License** and **A.O.C.** under **EC Regulations** and **ICAO**.
- The history of the **European Community Regulation** on the licensing of air carriers and how licensing conditions impact safety.

Unit 5: Introduction to Aviation Law: The European “Open Sky”

- **Traffic rights** within the European legal framework and the transition from bilateral to horizontal agreements.
- The relationship between Europe and the USA, **ECAA**, and **Euromed** agreements.
- **SAFA inspections** and how they affect non-European airlines, along with the **European Air Safety Committee** procedures.
- Understanding **airport slots** and **traffic rights**, including the role of slot coordinators.

Unit 6: Introduction to Aviation Insurance and Risk Management

- **Aircraft leasing agreements**, including **dry lease** and **wet lease** (ACMI) arrangements, and their regulation under EU laws and national authorities.
- The role of **aircraft brokers** in ACMI contracts and leasing negotiations.

Unit 7: Consumer Protection in Aviation

- **EU regulations** on compensation for denied boarding, cancellations, and delays.
- Rights of disabled passengers with reduced mobility under EC regulations.
- **EU directives** regarding consumer information and **ticket pricing**.
- Application of **EU consumer protection rules** to non-EU carriers.

Conclusion:

The **Introduction to Aviation** Training Course offers participants a comprehensive understanding of the aviation industry, from regulatory frameworks to safety management and legal structures. This course prepares individuals for further specialization or professional advancement in aviation by equipping them with the essential knowledge of aviation laws, insurance, risk management, and certification procedures.