

Graduate Certificate in Aviation (Asia-focus)

Global Logistics and Supply Chain Management

This course is a Core course that is part of the AviAsian Certificate.

This 3-days, 20-hours course in Global Logistics and Supply Chain Management is specifically created for aviation industry professionals to further develop their analytical and critical thinking skills to apply fundamental concepts of supply chain management to the global airline industry, with a particular emphasis on the Asia-Pacific Region.

Upon completion of this course, students should understand the challenges faced in supply chain, the basic concepts of supply chain management, supply chain strategy, supply chain network, supply chain planning and forecasting. Case studies on supply chain in aviation in Asia will be used for discussion.

Learning Objectives

Upon course completion, students will be able to:

- Understand the significance of logistics and supply chain management in global trade
- Understand the composition of a global supply chain
- Analyse the supply chain strategies of firms
- Understand the key operational issues involved in global supply chain
- Understand Supply Chain Operational Reference Model SCOR processes
- Gain knowledge of managing logistics in global trade operations
- Gain knowledge of managing spare parts for Aircraft industry
- Evaluate the levels of risk, efficiency and sustainability of a global supply chain

Course Contents

- Introduction to Supply Chain Management and Logistics Management
- Global Supply Chain Trends
- Supply Chain Strategy
- Designing Supply Chain Network
- Supply Chain Operational Reference SCOR Model
- Supply Chain Planning and Forecasting
- Spare Parts Inventory Management for Aircraft maintenance and repairs
- Case studies on Global Supply Chain Management

Who Should Attend

- Professionals in airline, airport and aircraft management, banking & finance

Professional Education and Training

Embry-Riddle Aeronautical University – Asia

E-mail: wwasp@erau.edu | Web: asia.erau.edu

Method

- Face-to-Face instructions in classroom or in Virtual Reality
- Supported by practical case studies

General Information

Duration: 3 days or 20 hours

Venue: Local or Virtual Classroom

Participants: Maximum 15

Prerequisites:

- Familiarity with IT word-processing and presentation software
- Commercial awareness in logistics industry trends
- Beginner knowledge of basic supply chain concepts