

# S2025 ISP Teaching Plan

Course : Introduction to Aviation Management

Course Language : ENG

Target Student : Exchange Students from US, Canada, France, Germany, Finland, Japan, Thailand, Portugal, Taiwan

Week	Date	Course Coverage	Responsibility	Teaching Agenda	Learning Contents	Remarks
1	30-Jun	Airline	Prof. Shane Chung	Course Introduction & Air Transport History	The History of Aviation Industry since 1903 until today	FNL Exam will be in place (Multiple Choice + Open Ended)
	01-Jul			Aviation Market Structure	The market components of Aviation Industry and role of key players	
	02-Jul			Aviation Market Environment	Macro / Micro Environments of Aviation Industry	
	03-Jul			Airline Business Models and Characteristics	Type of Airlines Models including FCS/LCC, Characteristics of airline business models	
	04-Jul			Airline Products and Markets	Characteristics of Airline Products and Airline Market	
2	07-Jul	Aviation Safety	Prof. In Kie Na	Course Introduction of Aviation Safety	Fundamentals of Aviation Safety Principles	
	08-Jul			Safety Policy & Objectives	Key Safety Policies and Regulatory Framework	
	09-Jul			Safety Hazard & Risk Analysis	Identification and Assessment of Safety Risks	
	10-Jul			Safety Risk Management	Strategies for Effective Risk Mitigation	
	11-Jul			Safety Assurance & Promotion	Safety Culture Development and Implementation	
3	14-Jul	Flight Operations	Prof. David	Course Introduction of Flight Operations & Aircraft construction	Basic aeronautical knowledge (BAK) and Aviation terms related to aircraft operations	
	15-Jul			Overview of Aircraft Industry	Concept and characteristics of Aircraft Industry, Type of Aircraft, Development and Production of Aircraft	
	16-Jul			Principles of Flight and Basic Aerodynamics	Basic theory of the generation of lift, Section of wings and terminology commentary, and Aerodynamic Force applied to the Wings	
	17-Jul			Aviation Weather and Safeguarding the Airport	Basic concepts of Airport weather, Weather charts, Hazardous weather, and Safeguarding the Airport	
	18-Jul			Aircraft Operations and Unmanned Aerial Vehicles (UAVs) / Remotely Piloted Aircrafts (RPAs)	Rules of Flight Operations, Flight Operation Procedures, and UAVs/RPAs Operations	