



Degree ☒ Bachelor's ☐ Master's ☐ Doctoral

Lesson Plan for SSRU Next Blended Learning
College of Hospitality Industry Management
Suan Sunandha Rajabhat University
Degree Program - Bachelor Degree
Program – Airline Business
Semester 1 Academic Year 2023

Lecturer Mr. Theppaluk Komolvaniij

Course Code IAC2210

Course Title Air Cargo Management



Learning Management System (LMS) Moodle


Link of Personal Website (Moodle) [https://elchm.ssrุ.ac.th/theppaluk_ko/](https://elchm.ssrु.ac.th/theppaluk_ko/)


Lesson Plan (Onsite 50 / Online 50 / with On demand)


*(Subject to change to Online 100 with On demand depends on the situation)

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
1	<p>Introduction to Air Cargo Management course</p> <ul style="list-style-type: none"> - Rules and Regulations in class - Ice Breaking - Individual and Group Assignment - <i>Morality live and learn</i> - <i>(Cause/Result/Change/Volunteer/Economic sufficiency)</i> 	Onsite / Online	Google Meet	<p>Mentimeter (What do you think about the Air Cargo?)</p> <p>Powerpoint</p> <p>Lecture Notes</p>	<p>Sign-in to the class</p> <p>Sign-out off the class</p>
2	<p>Unit 1: Introduction to Air Cargo Management</p> <ul style="list-style-type: none"> - A trip to history - Airport Codes, Cargo Codes and ICAO phonetics alphabet - Discussion - Individual assignment – ‘Air Cargo Knowledge reporter clip 1 minute with 3 vocabularies’ due before Mid-term 	Onsite / Online (with On demand 1)	Google Meet	<p>Powerpoint</p> <p>Lecture Notes</p> <p>Youtube Video (Air Cargo and Logistics - On demand 1)</p>	<p>Sign-in to the class</p> <p>Sign-out off the class</p>

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
	- Group assignment – ‘Dangerous Goods Learning Materials’ due after midterm 2 weeks				
3	Unit 2: Cargo Procedures - From place to place (Outbound/Inbound)	Onsite / Online	Google Meet	Powerpoint Lecture Notes	Sign-in to the class Sign-out off the class
4	Unit 3: Booking to move a box - What do we call? - Scope of cargo booking - Air Waybill - Regulated Agent - Related Business Unit	Onsite / Online (with On demand 2)	Google Meet	Powerpoint Lecture Notes Youtube Video (Cargo booking - On demand 2) 	Sign-in to the class Sign-out off the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
5	Unit 4: Packaging - Packaging Types - Regulation concerned	Onsite / Online (with On demand 3)	Google Meet	Powerpoint Lecture Notes Youtube Video (Dangerous Goods - On demand 3) 	Sign-in to the class Sign-out off the class
6	Unit 5: Cargo acceptance - Checking - Examine the packaging - X-Ray	Onsite / Online (with On demand 4)	Google Meet	Powerpoint Lecture Notes Youtube Video (Cargo acceptance - On demand 4)	Sign-in to the class Sign-out off the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
					
7	Unit 6: Preparation for departure - Loading - Palettes / Container - Finishing	Onsite / Online	Google Meet	Powerpoint Lecture Notes	Sign-in to the class Sign-out off the class
8	Mid-term Examination	Onsite / Online (Subject to change)	Google Meet		Sign-in to the class Sign-out off the class Midterm Examination Paper
10	Unit 7: Arrival - Acceptance	Onsite / Online	Google Meet	Powerpoint Lecture Notes Discussion	Sign-in to the class Sign-out off the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
	<i>(Blended the Research 'Low-cost Airline communication strategies')</i>				
11	Unit 8: Palettes Unpacking - Break Down - Storage - Handover	Onsite / Online (with On demand 5) *Subject to change to Online	Direct Teaching Moodle *Google Meet	Powerpoint Lecture Notes Youtube Video (Freight Forwarder - DHL- - On demand 5) 	Sign-in to the class Sign-out off the class
12	Unit 9: Document Procedures (Cargo and Mail) - Outbound - Inbound	Onsite / Online *Subject to change to Online	Direct Teaching Moodle	Powerpoint Lecture Notes	Sign-in to the class Sign-out off the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
			*Google Meet		
13	Unit 10: Delivering to Consignee - Retrieving - Delivering	Onsite / Online *Subject to change to Online	Direct Teaching Moodle *Google Meet	Powerpoint Lecture Notes	Sign-in to the class Sign-out off the class
14	Blended Learning 'Cross culture within Air cargo training')	Onsite / Online *Subject to change to Online	Direct Teaching Moodle *Google Meet	Youtube Video Discussion	Sign-in to the class Sign-out off the class
15	Group presentation 'Dangerous Goods Learning Materials' Summarize & Quiz	Onsite / Online *Subject to change to Online	Direct Teaching Moodle *Google Meet	Presentation Discussion	Sign-in to the class Sign-out off the class Quiz
16	Make-up class	Onsite / Online *Subject to change to Online	Direct Teaching Moodle *Google Meet	Discussion	Sign-in to the class Sign-out off the class
17	Final Examination	Onsite / Online (Subject to change)			Sign-in to the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
					Sign-out off the class Final Examination Paper

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Section 1 General Information

1. Code and Course Title:

Course Code: IAC2210

Course Title (English): Air Cargo Management

(Thai): การจัดการระบบขนส่งสินค้าทางอากาศ

2. Credits: 3 (3-0-6)

3. Curriculum and Course Category:

3.1 Curriculum: Offer in College of Hospitality Industry Management, Bachelor of Arts in Airline Business

3.2 Course Category:

☐ General Education

☒ Required Course

☐ Elective Course

☐ Others

4. Lecturer Responsible for Course and Instructional Course Lecturer(s):

4.1 Lecturer responsible for Course: Mr. Theppaluk Komolvani

4.2 Instructional Course Lecturers: Mr. Theppaluk Komolvani

5. Contact/Get in touch

Room number 304

5.1 Mr. Theppaluk Komolvani

Tel: 081-8053085

E-mail: theppaluk.ko@ssru.ac.th

6. Semester/ Year of Study

6.1 Semester: 1 Year of Study 2023

6.2 Number of the students enrolled: 1 class (approx. 30 students/ class)

7. Pre-requisite Course (If any)

None

8. Co-requisite Course (If any)

None

9. Learning Location

College of Hospitality Industry Management, Suan Sunandha Rajabhat University,
Nakhonpathom Campus.

10. Last Date for Preparing and Revising this Course:

July, 2023

Section 2 Aims and Objectives

1. Course Aims

At the end of this course, the student will reach to five domains in the following areas of performance:

1.1 Morals and Ethics

- (1) Be able to deliver or to complete a required task at the appointed time.
- (2) Be able to do the right thing according to the values, beliefs and principles they claim to hold,
- (3) Be able to make decisions in airline business according to moral concepts and judgments.

1.2 Knowledge

- (1) Be able to identify the air transport business services and activities and describe important case studies
- (2) Be able to provide an analysis and provide the solution to real world problems
- (3) Be able to use airline business knowledge integrated with other disciplines

1.3 Cognitive Skills

- (1) The ability to gather and summarize information, and conduct research
- (2) Self-study and sharing information to the class
- (3) The ability to solve problems from case studies

1.4 Interpersonal Skills and Responsibility

- (1) Be able to communicate in English.
- (2) Be able to use English to solve Airline business problem.
- (3) Initiate some new type of air transport business ideas and have leadership.

1.5 Numerical Analysis, Communication and Information Technology Skills

- (1) Be able to use basic ICT skills and apply them to daily.
- (2) Be able to use statistics and mathematics to solve air transport business problems.
- (3) Be able to use IT to search for new knowledge and apply numerical analysis in communication with emphasis on practical and real life experiences.

.2 Objectives for Developing / Revising Course (content / learning process / assessment / etc.)

The frequency and level of student engagement will be assessed for the curriculum including multimedia, homework assignments, exams, and textual content. Learning exercises and activities that result in higher student engagement will be adapted to future lessons.

Section 3 Characteristics and Operation

1. Course Outline / Course Structure

English: Cargo trends and forecasts, deliver a competitive product, quality control in cargo operations, E-opportunities: optimization of the use of the internet and intranet within organization, lowering of operating costs while improving service levels, general cargo, special cargo; live animals, dangerous goods regulations etc., cargo interline accounting and control, cargo operation; import, export, transit, complete “Air Waybills”, cargo security, world geography and time zones

2. Time Length per Semester (Lecture – hours / Practice – hours / Self Study – hours)

Lecture (hours)	Remedial Class (hours)	Practice/ Field Work/ Internship (hours)	Self Study (hours)
45	3+ (if any)	0	90

3. Time Length per Week for Individual Academic Consulting and Guidance

- Self consulting at the lecturer’s office: Office Hours at Room Number 304
College of Hospitality Industry Management, Nakhonpathom Campus
- Consulting via E-Mail: theppaluk.ko@ssru.ac.th

Section 4 Developing Student's Learning Outcomes

1. Morals and Ethics

1.1 Morals and Ethics to be developed

- (1) Be able to deliver or to complete a required task at the appointed time.
- (2) Be able to do the right thing according to the values, beliefs and principles they claim to hold,
- (3) Be able to make decisions in airline business according to moral concepts and judgments.

1.2 Teaching Strategies

- (1) Lecture (On-line, Off-line)
- (2) Participation in class
- (3) Group discussion
- (4) Problem-based learning

1.3 Assessment Strategies

- (1) Written examinations
- (2) Group assignment

2. Knowledge

2.1 Knowledge to be developed

- * (1) Be able to identify the air transport business services and activities and describe important case studies
- (2) Be able to provide an analysis and provide the solution to real world problems
- (3) Be able to use airline business knowledge integrated with other disciplines

2.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group discussion
- (4) Problem-based learning

2.3 Assessment Strategies

- (1) Written examinations
- (2) Group assignment

3. Cognitive Skills

3.1 Cognitive Skills to be developed

- * (1) The ability to gather and summarize information, and conduct research
- * (2) Self-study and sharing information to the class
- (3) The ability to solve problems from case studies

3.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group discussion
- (4) Problem-based learning

3.3 Assessment Strategies

- (1) Written examinations
- (2) Group assignment

4. Interpersonal Skills and Responsibilities

4.1 Interpersonal Skills and Responsibilities to be developed

- (1) Be able to communicate in English.
- * (2) Be able to use English to solve Airline business problem.
- (3) Initiate some new type of air transport business ideas and have leadership.

4.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group discussion
- (4) Problem-based learning

4.3 Assessment Strategies

- (1) Written examinations
- (2) Group assignment

5. Numerical Analysis, Communication and Information Technology Skills

5.1 Numerical Analysis, Communication and Information Technology to be developed

- * (1) Be able to use basic ICT skills and apply them to daily.
- (2) Be able to use statistics and mathematics to solve air transport business problems.
- (3) Be able to use IT to search for new knowledge and apply numerical analysis in communication with emphasis on practical and real life experiences.

5.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group discussion
- (4) Problem-based learning



5.3 Assessment Strategies


- (1) Written examinations
- (2) Group assignment


Section 5 Lesson Plan and Assessment


1. Lesson Plan and Assessment

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
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2	Unit 1: Introduction to Air Cargo Management - A trip to history - Airport Codes, Cargo Codes and ICAO phonetics alphabet - Discussion - Individual assignment – ‘Air Cargo Knowledge reporter clip 1 minute with 3 vocabularies’ due before Mid-term	Onsite / Online (with On demand 1)	Google Meet	Powerpoint Lecture Notes Youtube Video (Air Cargo and Logistics - On demand 1)	Sign-in to the class Sign-out off the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
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Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
					
7	Unit 6: Preparation for departure - Loading - Palettes / Container - Finishing	Onsite / Online	Google Meet	Powerpoint Lecture Notes	Sign-in to the class Sign-out off the class
8	Mid-term Examination	Onsite / Online (Subject to change)	Google Meet		Sign-in to the class Sign-out off the class Midterm Examination Paper
10	Unit 7: Arrival - Acceptance	Onsite / Online	Google Meet	Powerpoint Lecture Notes Discussion	Sign-in to the class Sign-out off the class

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16	Make-up class	Onsite / Online *Subject to change to Online	Direct Teaching Moodle *Google Meet	Discussion	Sign-in to the class Sign-out off the class
17	Final Examination	Onsite / Online (Subject to change)			Sign-in to the class

Week	Content	Teaching Management	Program/Teaching Strategies	Materials/Media	Assessment
					Sign-out off the class Final Examination Paper

2. Learning Assessment Plan

	Learning Outcome	Assessment Activities	Time Schedule (Week)	Proportion for Assessment (%)
1	Morals and Ethics - Academic honesty - Personal discipline, integrity, and responsibility	Attendance Written examinations, group assignment	Throughout the semester	10%
2	Knowledge - Basic understanding of psychology main theories and knowledge relevant to service industry	Written examinations, group assignment	Throughout the semester	40%
3	Cognitive Skills -Development of analytical and critical thinking skills	Written examinations, group assignment	Throughout the semester	20%
4	Interpersonal Skills and responsibility - Ability to work individually and as a part of team	Written examinations, group assignment	Throughout the semester	20%
5	Numerical Analysis, Communication and Information Technology Skills - Development of communication and information technology skills - Ability to communicate in English	Written examinations, group assignment	Throughout the semester	10%

3. Assessment Evaluation

Assessment Plan	Attendance / Punctuality (10%)	Individual Assignment (10%)	Group Assignment (15%)	Group Assignment Participation (5%)	Quiz (10%)	Midterm Examination (20%)	Final Examination (30%)	Total Five Domains
.1 Morals and Ethics (10%)								
-Be able to deliver or to complete a required task at appointed time	2	1		1	1			5
-Be able to do the right thing according to the values, beliefs, and principles they claim to hold	2				1			3
-Be able to make decisions in business according to moral concepts and judgments			1	1				2
.2 Knowledge (55%)								
-Be able to identify the proper theories and describe important case studies (Individual presentation and Examination)		4	1		2	8	20	35
-Be able to provide an analysis and provide the solution to real world problems (Quiz/Individual presentation and Group presentation)			2	1	3	5		11
-Be able to organize self-study and sharing information to the class (Presentation)	2	2	5					9
.3 Cognitive skills (20%)								
-The ability to gather and summarize information, and conduct research (In-class practice)	2	1						3
-Self-study and sharing information to the class		1						1

Assessment Plan	Attendance / Punctuality (10%)	Individual Assignment (10%)	Group Assignment (15%)	Group Assignment Participation (5%)	Quiz (10%)	Midterm Examination (20%)	Final Examination (30%)	Total Five Domains
-The ability to solve problems from case studies (Examination and Report – if any)			1			6	9	16
.4 Interpersonal skills and Responsibilities (5%)								
-Be able to use interpersonal English communication skills	1		1					2
-Be able to collaborate well in teams for problem solving			1	1				2
-Be able to show leadership skills			1					1
.5 Numerical Analysis, Communication and Information Technology Skills (10%)								
-Be able to use IT to search for new knowledge and apply numerical analysis in communication with emphasis on practical and real life experiences		1	1			1	2	3
-Be able to use ICT skills and apply them	1				2			4
-Be able to use ICT in the work place and apply numerical analysis in communication			1					3
Total	10	10	15	5	10	20	30	100

***Remarks:**

1. The students must attend the class at least 80%.
2. The assignments due date must be submitted on time unless in agreement between the lecturers and the students.
3. The students will decide for the team scoring individually for their friends in Group assignment participation – 5%.
4. The individual and group assignment evaluation will be based on Content, English skill, and Personality.

Section 6 Learning and Teaching Resources

1. Textbook and Main Documents

Bruce, Peter J., Gao Yi, and King, John M. C. (2020). *Airline Operations: A practical guide*. USA.
IATA Course Textbook (2012). *Introduction to the Airline Industry*. IATA Training and Development Institute. Canada.

Morrell, Peter S. and Klein, Thomas. (2022). *Moving Boxes By Air. The Economics of International Air Cargo* (2nd edition). USA.

Sales, Michael. (2017). *Air Cargo Management. Air Freight and the global supply chain*. (2nd edition). USA.

2. Important Documents for Extra Study: Updated Airline News.

3. Suggestion Information (Printing Materials/Website/CD/Others)

Keywords for searching:

Air cargo, Dangerous Goods, English Skills, English Learning, Cargo Operations, Maintenance.

Section 7 Course Evaluation and Revising

1. Strategies for Course Evaluation by Students

Using survey questions to collect information from the students' opinions to improve the course and enhance the curriculum. Examples of questions:

- (1) Content objectives were made clear to the students.
- (2) The content was organized around the objectives.
- (3) Content was sufficiently integrated.
- (4) Content was sufficiently integrated with the rest of the first year curriculum.
- (5) The instructional materials used were effectively.
- (6) The learning methods appropriate assessed the students' understanding of the

content.

- (7) Overall, Students are satisfied with the quality of this course.

2. Strategies for Course Evaluation by Lecturer

2.1 Lecturers team observes the class and discusses the results as follow:

- (1) The lecturer is well prepared for class sessions.
- (2) The lecturer answers questions carefully and completely.
- (3) The lecturer uses examples to make the materials easy to understand.
- (4) The lecturer stimulated interest in the course.
- (5) The lecturer made the course material interesting.
- (6) The lecturer is knowledgeable about the topics presented in this course.
- (7) The lecturer treats students respectfully.
- (8) The lecturer is fair in dealing with students.
- (9) The lecturer makes students feel comfortable about asking question.
- (10) Course assignment is interesting and stimulating.
- (11) The lecturer's use of technology enhanced learning in the class room.

2.2 The Director / Head of program construct assessment items to evaluate four dimensions of lecturer's competencies: teaching skills, organization and presentation of materials, management of the learning environment, and teaching attitudes.

3. Teaching Revision

Lecturer revises teaching/learning process based on the results from the students' survey questions, the lecturer team's observation, and classroom research
Student evaluation and suggestions for improvement to the course

4. Feedback for Achievement Standards

College of Hospitality Industry Management Administrator Committee monitor to assessment process and grading.

5. Methodology and Planning for Course Review and Improvement

- (1) Revise and develop course structure and process every two years.
- (2) Assign different lecturers to teach this course to enhance students' performance.