



TQF.3

Bachelor's Degree

Master's Degree

Course Specification

Course Code: 2210

Course Title: Air Cargo management

Credits: 3 (3-0-6)

Program: Bachelor of Arts in Airline Business
International College
Suan Sunandha Rajabhat University
(SSRUIC)

Semester: 1

Academic Year: 2020

Section 1 General Information

1. Code and Course Title :

Course Code: IAL2210

Course Title (English): Air Cargo management

Course Title (Thai): การขนส่งสินค้าทางอากาศ

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

3. Curriculum and Course Category:

3.1 Curriculum: Offer in International College, Bachelor of Arts in Airline Business program

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. Kangwarn Phothong

5. Contact/Get in Touch

Room Number: #304 Tel: 034 964 934

E-mail: kangwarn.ph@ssru.ac.th

Mobile phone: 090-9564070

6. Semester/ Year of Study

6.1 Semester: 1 Year of Study 2020

6.2 Number of the students enrolled: 5 classes (30 students/ class)

7. Pre-requisite Course (If any)

None

8. Co-requisite Course (If any)

None

9. Learning Location

International College, Rajabhat Suan Sunandha University, Salaya Campus

10. Last Date for Preparing and Revising this Course:

31th May 2019

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) The ability to complete assigned work at the appointed time.
- (2) Personal discipline, integrity, values, beliefs, and Responsibility
- (3) The ability to make decisions in Airline business According to concepts, moral, and ethics

1.2 Knowledge

- (1) The ability to identify the Airline Cargo management theories and Understand in adopting it.
- (2) The ability to analyze how to suitably use in each field.
- (3) The ability to integrate knowledge received from learning with other subjects.

1.3 Cognitive Skills

- (1) The ability to gather and conclude the information, and conduct research.
- (2) Self-study and experience from media.
- (3) The ability to solve the problem and/or to collaborate with colleague.

1.4 Interpersonal Skills and Responsibility

- (1) The ability to work individually and as a part of team
- (2) The ability to use knowledge getting from Airline Cargo management field and share it to colleague and society.

(3) Utilize the knowledge obtaining from Airline Cargo management learning to solve problems and foster some new notions.

1.5 Numerical Analysis, Communication and Information Technology Skills

(1) Be able to use basic Airline Cargo management experiences and apply them to daily life and job.

(2) Be able to use IT to search an information about Airline Cargo management

(3) Be able to integrate knowledge received from learning with other disciplines.

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

This course will encourage and advocate student skills by learning Air Cargo in all field, particularly they are able to efficiently employ experiences obtaining from theories to drive their tasks and learning. In this discipline, rather than theories, case study and discussion in the class will lead the students to meet the criteria of the next high level of studying Air Cargo and of the job requirement.

Section 3 Characteristics and Operation

1. Course Outline

Anticipation and the trend of Air transportation, the procedure of transportations, quality control in transportation, chance of electronic, internet and intranet's benefit in the firms, reducing operation cost by adding the service quality, Live Animal and Dangerous Goods Regulations, interline accounting control and transportation sharing,

learning how to complete manifest, Air transportation safety, Geographic and time zone, the principle of special transportation

การคาดคะเนและแนวโน้มการขนส่งสินค้าทางอากาศ วิธีการขนส่งสินค้า การควบคุมคุณภาพในการปฏิบัติการขนส่ง โอกาสทางอิเล็กทรอนิกส์ การใช้ประโยชน์จากระบบอินเทอร์เน็ตและอินเทอร์เน็ตภายในองค์กร วิธีการลดต้นทุนในการปฏิบัติงานโดยเพิ่มคุณภาพการบริการ กฎการขนส่งสิ่งมีชีวิตและสินค้าอันตราย การควบคุมและการทำบัญชีการขนส่งแบบระบบอิเล็กทรอนิกส์ การกำหนดแบ่งสัดส่วนของการขนส่ง เรียนรู้วิธีการกรอกแบบฟอร์มใบกำกับสินค้าทางอากาศ, ความปลอดภัยในการขนส่ง, ภูมิศาสตร์และการแบ่งเขตเวลา การขนส่งสินค้าแบบพิเศษเบื้องต้น

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)
48	3+ (if any)	0	-

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

- Individual consulting at the lecturer’s office:
Room Number 304 Mon 12.00-13.00 International College,
Nakhonpathom Education Center
- Consulting via E-Mail:
kangwarn.ph@ssru.ac.th

Section 4 Developing Student’s Learning Outcomes

1. Morals and Ethics

1.1 Morals and Ethics to be developed

- (1) The ability to accomplish the task on time.

- (2) The ability to operate the corrective way based on the values, beliefs and principles they claim to hold.
- (3) The ability to decide about concerned business according to virtue and social justice concepts.

1.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group and entire class discussion
- (4) Co-operative learning
- (5) Provide case study that supports student understanding

1.3 Assessment Strategies

- (1) Written examinations
- (2) Group task assignment
- (3) Personal task assignment
- (4) Attendance checking

2. Knowledge

2.1 Knowledge to be developed

- (1) The ability to identify the Air Cargo regulation and understand in adopting them.
- (2) The ability to analyze how to suitably use in Each of regulations such as Live animal and Dangerous goods Regulation.
- (3) The ability to integrate knowledge received with learning with other discipline.

2.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group and entire class discussion
- (4) Co-operative learning
- (5) Provide case study that supports student understanding

2.3 Assessment Strategies

- (1) Written examinations
- (2) Group task assignment
- (3) Personal task assignment
- (4) Attendance checking

3. Cognitive Skills

3.1 Cognitive Skills to be developed

- (1) The ability to gather and conclude the information, and conduct research.
- (2) Self-study and experience from media.
- (3) The ability to solve the problem and/or to collaborate with colleague.

3.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group and entire class discussion
- (4) Co-operative learning
- (5) Provide case study that supports student understanding

3.3 Assessment Strategies

- (1) Written examinations
- (2) Group assignment
- (3) Personal assignment
- (4) Attendance checking
- (5) Presentation

4. Interpersonal Skills and Responsibilities

4.1 Interpersonal Skills and Responsibilities to be developed

- (1) The ability to work individually and as a part of team
- (2) The ability to use knowledge getting from Airline Cargo management field and share it to colleague.
- (3) Utilize the knowledge obtaining from Airline Cargo management learning to solve problems and foster some new notions

4.2 Teaching Strategies

- (1) Lecture
- (2) Participation in class
- (3) Group and entire class discussion
- (4) Co-operative learning
- (5) Provide case study that supports student understanding

4.3 Assessment Strategies

- (1) Written examinations
- (2) Group task assignment
- (3) Personal task assignment
- (4) Attendance checking

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 Airline Cargo management experiences and apply them to daily life and job
- (2) Be able to use IT to search an information about Airline Cargo management
- (3) Be able to integrate knowledge received from learning with other disciplines.

5.2 Teaching Strategies

- (1) Use case study that provides students to add their knowledge of Air Cargo.
- (2) Intensely focus on discussion
- (3) Concrete advance in theorizing, experiencing and practicing

5.3 Assessment Strategies

- (1) Written examinations
- (2) Group task assignment
- (3) Personal task assignment
- (4) Attendance checking

Section 5 Lesson Plan and Assessment

1. Lesson Plan

Week	Topic/Outline	Periods	Learning Activities and Medias	Lecturer(s)
1	Chapter 1: Introduction to Airline Cargo -Air Cargo characteristic -Aircraft type	3	<ul style="list-style-type: none"> • Guide line to study the course • Student-centered: Cooperative learning • Individual discussion on atmosphere of cargo business and getting knowledge from them 	Mr. Kangwarn Online lecture in the second week.
2	Chapter 1 -Type of the air cargo services -Airport Infrastructure -Warehouse facilities	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on atmosphere of cargo business and getting knowledge from them 	Mr. Kangwarn Online lecture in the second week.
3	Chapter 2 IATA rules and regulations -Acceptance of consignments -Live Animals regulation -Dangerous goods	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning 	Mr. Kangwarn

			<ul style="list-style-type: none"> • Group discussion on how to accept general and special cargos, how to label, pack, locate Live animal, Dangerous Goods and how to use their manual 	
4	<p>Chapter 2</p> <ul style="list-style-type: none"> -Live Animals regulation -Dangerous goods 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning <p>Group discussion on how to accept general and special cargos, how to label, pack, locate Live animal, Dangerous Goods and how to use their manual</p>	Mr. Kangwarn
5	<p>Chapter 3: Type of cargo</p> <ul style="list-style-type: none"> -General cargo 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on how to specify cargo of each types and know its identity and how to manage them 	<p>Mr. Kangwarn</p> <p>Online lecture in the second week.</p>
6	<p>Chapter 3</p> <ul style="list-style-type: none"> -Special cargo 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative 	Mr. Kangwarn

			<p>learning</p> <ul style="list-style-type: none"> • Group discussion on how to specify cargo of each types and know its identity and how to manage them 	
7	<p>Chapter 4: Cargo Rate and Charges</p> <p>-General cargo rate</p>	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on how to calculate both general and special cargo rates in various levels of charge 	Mr. Kangwarn
8	Mid-term Examination	3	<ul style="list-style-type: none"> • Paper test 	Mr. Kangwarn
9	<p>Chapter 4</p> <p>-Special cargo rate</p>	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on how to calculate both general and special cargo rates in various levels of charge 	Mr. Kangwarn
10	<p>Chapter 5: Dangerous Goods Regulations</p> <p>-Classes of dangerous goods</p>	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: 	Mr. Kangwarn

			<p>Cooperative learning</p> <ul style="list-style-type: none"> • Group discussion on how to classify all 9 classes of Dangerous Goods and the procedure of loading 	
11	<p>Continue Chapter5</p> <ul style="list-style-type: none"> -Hazard labels -Package -Packing -Packaging -Loading procedure 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on how to classify all 9 classes of Dangerous Goods and the procedure of loading 	Mr. Kangwarn
12	<p>Chapter : 6 Unit Load Devices</p> <ul style="list-style-type: none"> -Pallets -Containers -ULD markings -ULD facilities 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on the appropriate ULD for cargo, how to load cargo in/on ULD(container/pallet) 	Mr. Kangwarn
13	<p>Chapter :7 Documentation</p> <ul style="list-style-type: none"> -Completion of AWB -Flight manifest -CBL (Cargo boarding list) 	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning 	Mr. Kangwarn

			<ul style="list-style-type: none"> • Group discussion on how to fill out and read concerned documents 	
14	<p>Chapter 8: Aircraft Load Planning and Airline teletype communication</p> <p>-Processes in sending Cargo</p> <p>-Senders' Processes</p> <p>-Agents' Processes</p> <p>-Airlines' Processes</p>	3	<ul style="list-style-type: none"> • Direct instruction • Student-centered: Cooperative learning • Group discussion on how to plan loading cargo and how to use teletype code in communicating with other stations and learn three letter codes of the Airport 	<p>Mr. Kangwarn</p> <p>Online lecture in the second week.</p>
15	Group Presentation and Revision	3	<ul style="list-style-type: none"> • Direct instruction: Questions and Answers • Final group presentation 	Mr. Kangwarn
16	Final Examination	3	<ul style="list-style-type: none"> • Paper test 	Mr. Kangwarn

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	Written examinations, group assignment	1-16	10%
2	Knowledge - Basic understanding of psychology main theories and	Written examinations, group assignment	1-16	40%

	knowledge relevant to service industry			
3	Cognitive Skills - Development of analytical and critical thinking skills	Written examinations, group assignment	1-16	20%
4	Interpersonal Skills and Responsibilities - Ability to work individually and as a part of team	Written examinations, group assignment	1-16	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	1-16	10%

Section 6 Learning and Teaching Resources

1. Textbook and Main Documents

Airline Cargo management, **Kannapat**

2. Important Documents for Extra Study

IATA (LAR), DANGEROUS GOODS REGULATIONS

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

Keywords for searching: <http://www.iata.org/>

http://www.jal.co.jp/en/jalcargo/label_doc/dl_danger/label/index.html

www.dgiglobal.com/classes

www.searates.com/reference/uld/

<https://cargo.china-airlines.com/ccnetv2/content/home/index.aspx>

Section 7 Course Evaluation and Revising

1. Strategies for Course Evaluation by Students

Student evaluation and suggestions for improvement to the course

2. Strategies for Course Evaluation by Lecturer

Examinations, assignments, and group discussion results

3. Teaching Revision

Student evaluation and suggestions for improvement to the course

4. Feedback for Achievement Standards

Review by self, students, and Division Standards Committee

5. Methodology and Planning for Course Review and Improvement

Review by self, students, and Division Standards Committee

Curriculum Mapping Illustrating the Distribution of Program Standard Learning Outcomes to Course Level

Courses	1. Morals and Ethics			2. Knowledge			3. Cognitive Skills			4. Interpersonal Skills and Responsibility			5. Numerical Analysis, Communication and Information Technology Skills			6. Other Domain ie. Learning Management Skills		
	● Major Responsibility									○ Minor Responsibility								
Course Category: Elective course	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Course Code: IAL2209 Course Title: Airline Cargo management	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			