

TQF.3

Bachelor's Degree

Master's Degree



## **Course Specification**

**Course Code:** IAC 3305

**Course Title:** Airport Management

**Credits:** 3(3-0-6)

**College of Hospitality Industry Management  
Suan Sunandha Rajabhat University  
Degree Program - Bachelor Degree  
Program – Airline Business  
Semester 3 Academic Year 2020**

## Section 1 General Information

### 1. Code and Course Title :

Course Code: IAC 3305

Course Title (English): Airport Management

Course Title (Thai): การจัดการท่าอากาศยาน

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

### 3. Curriculum and Course Category:

3.1 Curriculum: Bachelor of Arts, Program in Airline Business  
(International Program).

3.2 Course Category:

General Education

Major Course

Elective Course

Others .....

### 4. Lecturer Responsible for Course and Instructional Course

#### Lecturer (s) :

4.1 Lecturer Responsible for Course: Kangwarn Phothong

4.2 Instructional Course Lecturer(s): None

### 5. Contact/Get in Touch

Room Number 304 Tel. 090 9564070

E-mail [nisara.pa@ssru.ac.th](mailto:nisara.pa@ssru.ac.th)

### 6. Semester/ Year of Study

6.1 Semester: 3 Year of Study 2020

6.2 Number of the students enrolled: 142

### 7. Pre-requisite Course (If any)

Course Code: None Course Title: None

### 8. Co-requisite Course (If any)

Course Code: None Course Title: None

## **9. Learning Location**

**Building:** International College, Nakhonpathom Education Center

## **10. Last Date for Preparing and Revising this Course:**

27 July 2020

## **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 business according to moral concepts and judgments.

#### **1.2 Knowledge**

- (1) Understanding the airline business theories and important case studies taught,
- (2) To be able to provide an analysis and provide the solution to real world problems,
- (3) To 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 problems,
- (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 life,

- (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 Development/ 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**

Customer service, relations with airlines, facilitation, airport security, safety, managing the environment, emergency preparedness, airport strategic planning, essential skills for the spoke person, preparing news releases, communicating in a crisis, aviation and airport law practices, airport promotion/reduction, airport development, airport policies, airport slot and schedule coordination.

การจัดการลูกค้าและความสัมพันธ์กับสายการบิน สาธารณูปโภค ความปลอดภัย การจัดการด้านสิ่งแวดล้อม กลยุทธ์ต่างๆ อีกทั้งความสามารถในการสื่อสารของท่าอากาศยานและการจัดการทั่วไปด้านต่างๆ รวมถึงการจัดการเครื่องบินที่อยู่ในท่าอากาศยาน

<b>Lecture (hours)</b>	<b>Remedial Class (hours)</b>	<b>Practice/ Field Work/ Internship (hours)</b>	<b>Self-Study (hours)</b>
48 hours	(By appointment/ Subject to individual needs)	0 hours	96 hours

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

(The lecturer responsible for course identifies the information, for example, 1 hour / week)

3.1 Self consulting at the lecturer's office: Room No.: 304

Building: International College (Nakhonpathom Education Centre/SSRU)

3.2 Consulting via office telephone/mobile phone: 0909564070

3.3 Consulting via E-Mail: Kangwarn.ph@ssru.ac.th

3.4 Consulting via Social Media (Facebook/Twitter/Line)

Line:

3.5 Consulting via Computer Network (Internet/Web board)

Teacher Website: <http://www.teacher.ssru.ac.th/Kangwarn.ph>

## 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 business according to moral concepts and judgments.

#### 1.2 Teaching Strategies

(1) The team of students will help to remind other team members to be on time,

(2) Provide an example of integrity in classroom such as no plagiarism,

(3) Provide a case study that explains airline business ethics.

#### 1.3 Evaluation Strategies

(1) Checking student attendance every class,

(2) Students able to apply their knowledge in practical terms, i.e., airline marketing exhibition, safety fair...

(4) Evaluate students' responsibility from their contribution on the group project.

### 2. Knowledge

#### 2.1 Knowledge to be acquired

- (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) Use Problem-based learning,
- (2) Use cooperative learning techniques,
- (3) use online and class participation by jam board to share comment and discussion.

## 2.3 Evaluation Strategies

- (1) Test, midterm examination, and final examination,
- (2) Self –study and task assignment that sharing to the class.
- (3) Online Class presentation.

# 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) Group presentations,
- (2) Participate in competitions,
- (3) Problem-based learning.

## 3.3 Evaluation Strategies

- (1) Evaluate individual and group research and studies,
- (2) Evaluate in class activities and personal involvement,
- (3) Class presentations and discussion.

# 4. Interpersonal Skills and Responsibility

## 4.1 Interpersonal Skills and Responsibility to be developed

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

## 4.2 Teaching Strategies

- (1) Allow students with work in unfamiliar situation with new team members,
- (2) Practice business manner and how to deal with customers,
- (3) Use advance business English to communicate in class and with lecturers.

#### 4.3 Evaluation Strategies

- (1) How students participate in teamwork,
- (2) How students use advance business English in their presentation.

## 5. Numerical Analysis, Communication and Information Technology Skills

### 5.1 Numerical Analysis, Communication and Information Technology Skills to be developed

- (1) Be able to use basic ICT skills and apply them,
- (2) Be able to use statistics and mathematics to solve business problems,
- (3) Be able to use ICT in the work place and apply numerical analysis in communication, e.g., fare and ticketing, check-in, e-passport

#### 5.2 Teaching Strategies

- (1) Use case studies that allow students to implement their knowledge of statistics and mathematics to solve business problems,
- (2) Use activities such as encouraging students to show their work in an exhibition,
- (4) Students will form a team and do the group projects that require two-ways communication and develop their social skills.

#### 5.3 Evaluation Strategies

- (1) Evaluate the correct application of statistics and mathematics to solve problems,
- (2) Evaluate their abilities to present their works at an exhibition,
- (3) Evaluate their abilities to use software computer such as Amadeus doing their work.

**Remark:** Symbol ● means ‘major responsibility’

Symbol ○ means ‘minor responsibility’

No symbol means ‘no responsibility’

The above symbols were shown in ‘Curriculum Mapping’ of TQF 2. (Program Specification)

## Section 5 Lesson Plan and Assessment

### 1. Lesson Plan

Week	Topic/Outline	Periods	Learning Activities and Medias	Lecturer(s)
1	<ul style="list-style-type: none"> <li>history of airports and the airline industry</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Direct instruction and group discussion</li> <li>Active Learning</li> </ul>	Kangwarn
2	<ul style="list-style-type: none"> <li>Airport structure and ownership</li> <li>Air traffic, capacity, delay and techniques to manage demand</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Online course</li> <li>Active Learning</li> </ul>	Kangwarn
3	<ul style="list-style-type: none"> <li>The Facilities in Airside Area</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Direct instruction</li> <li>Active Learning</li> </ul>	Kangwarn
4	<ul style="list-style-type: none"> <li>Airport planning and the role of aviation activity forecasts</li> <li>Design and construction</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Active Learning</li> <li>Workshop</li> </ul>	Kangwarn
5	<ul style="list-style-type: none"> <li>The Airport Passenger's Terminal</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Direct instruction</li> <li>Active Learning</li> </ul>	Kangwarn
6	<ul style="list-style-type: none"> <li>Environmental impacts and regulatory compliance</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Active Learning</li> <li>Workshop</li> </ul>	Kangwarn,
7	<ul style="list-style-type: none"> <li>Airport Strategic Planning</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Direct instruction</li> <li>Active Learning</li> </ul>	Kangwarn
8	Midterm Exam	3 hrs	Take home exam	Kangwarn
9	<ul style="list-style-type: none"> <li>The Airport Security and Safety</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Online course</li> <li>Active Learning</li> </ul>	Kangwarn
10	<ul style="list-style-type: none"> <li>The Impact of</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>Online course</li> </ul>	Kangwarn



	Airports on Economic, Social, Environment, and Airports Relations		<ul style="list-style-type: none"> <li>• Active Learning</li> <li>• Online course</li> <li>• Discussions</li> <li>• Assign homework</li> </ul>	
11	<ul style="list-style-type: none"> <li>• Airport Capacity and Delay, IATA Airport Slot</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Direct instruction</li> <li>• Active Learning</li> </ul>	Kangwarn
12	<ul style="list-style-type: none"> <li>• Financial management, capital development funding, and the economic impact of airports</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Active Learning</li> </ul>	Kangwarn
13	<ul style="list-style-type: none"> <li>• Properties, contracts, and commercial development</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Active Learning</li> <li>• Online course</li> <li>• Discussions</li> </ul>	Kangwarn,
14	<ul style="list-style-type: none"> <li>• Presentation</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Active Learning</li> <li>• Online conference</li> </ul>	Kangwarn
15	<ul style="list-style-type: none"> <li>• Future challenges and opportunities for airports</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Student centered</li> <li>• Cooperative learning</li> <li>• Youtube</li> <li>• Power point</li> </ul>	Kangwarn
16	<ul style="list-style-type: none"> <li>• Review</li> </ul>	3 hrs	<ul style="list-style-type: none"> <li>• Student centered</li> <li>• Cooperative learning</li> <li>• Online course</li> </ul>	Kangwarn
17	<b>Final Examination</b>	3 hrs	<ul style="list-style-type: none"> <li>• Take home exam</li> </ul>	Kangwarn

## 2. Learning Assessment Plan

	Learning Outcome	Assessment Activities	Time Schedule (Week)	Proportion for Assessment (%)
1	<b>Ethic and Morals</b> (1) Be able to deliver or to	Attendance	Throughout	10 %

		criteria	semester	
	<p>complete a required task at the appointed time,</p> <p>(2) Be able to do the right thing according to the values, beliefs and principles they claim to hold,</p> <p>(3) Be able to make decisions in business according to moral concepts and judgments.</p>			
2	<p><b>Knowledge</b></p> <p>(1) Be able to identify the air transport business services and activities and describe important case studies,</p> <p>(2) Be able to provide an analysis and provide the solution to real world problems,</p> <p>(3) Be able to use airline business knowledge integrated with other disciplines.</p>	Paper test	<p>(1) Week 8</p> <p>(2) Week 16</p>	<p>25 %</p> <p>25 %</p>
3	<p><b>Cognitive Skills</b></p> <p>(1) The ability to gather and summarize information, and conduct research,</p> <p>(2) Self-study and sharing information to the class,</p> <p>(3) The ability to solve problems from case studies.</p>	Retrieval practice, Topic investigations	Throughout semester	10 %
4	<p><b>Interpersonal Skills and Responsibilities</b></p> <p>(1) Be able to communicate in English,</p> <p>(2) Be able to use English to solve airline business problems,</p> <p>(3) Initiate some new type of</p>	<p>(1) Cooperative learning</p> <p>(2) Group discussion</p>	Throughout semester	10%

	air transport business ideas and have leadership.			
5	<p><b>Numerical Analysis, Communication and Information Technology Skills</b></p> <p>(1) Be able to use basic ICT skills and apply them,</p> <p>(2) Be able to use statistics and mathematics to solve business problems,</p> <p>(3) Be able to use ICT in the work place and apply numerical analysis in communication, e.g., fare and ticketing, check-in, e-passport, Excel database</p>	Excel exercises and Database exercises	Throughout semester	20 %

## **Section 6 Learning and Teaching Resources**

### **1. Textbook and Main Documents**

Daniel Prather (2015). Airport Management. the Kindle edition from Aviation Supplies & Academics, Inc.

Young, Seth B; Wells, Alexander. (2011). 6th ed. Airport planning and management

Werner Delfmann, Sascha Albers, Herbert Baum, Stefan Auerbach

Ashgate,( 2005). Strategic Management in the Aviation Industry. Ashgate.

.

### **2. Important Documents for Extra Study**

Graham Anne. (2008). Managing Airports: An International Perspective. ELSEVIER. UK.

.

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

## Lessons Learned from Airport Safety Management Systems Pilot Studies

[https://books.google.co.th/books?id=L\\_BdGxVX7gsC&pg=PA30&dq=airport+manA+Airport+Operations+Management.&hl=th&sa=X&ved=2ahUKEwiz25mGxanrAhWVfn0KHUcKCm4Q6AEwCXoEACAcQA#v=onepage&q=airport%20management&f=false](https://books.google.co.th/books?id=L_BdGxVX7gsC&pg=PA30&dq=airport+manA+Airport+Operations+Management.&hl=th&sa=X&ved=2ahUKEwiz25mGxanrAhWVfn0KHUcKCm4Q6AEwCXoEACAcQA#v=onepage&q=airport%20management&f=false)  
<https://www.google.com/search?q=air+asia+crash+java+sea&oq=Air+asia+crashed+i+n+Ja&aqs=chrome.1.69i57j0i22i30.19490j0j4&sourceid=chrome&ie=UTF-8>  
<https://www.youtube.com/watch?v=0Hsbk5aFs28>

<https://www.nlr.org/flyers/en/f359-airport-operations-management.pdf>

## **Section 7 Course Evaluation and Revising**

### **1. Strategies for Course Evaluation by Students**

1.1 Using survey questions to collect information from the students' opinions to improve the course and enhance the curriculum. The topics include:

- (1) Content objectives
- (2) The instructional materials
- (3) Learning methods and assessment
- (4) Advisory method

1.2 Observing students' behavior in classroom.

1.3 Using students' suggestion during classroom.

### **2. Strategies for Course Evaluation by Lecturer**

2.1 Lecturer 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 assignments are interesting and stimulating.

(11) The lecturer's use of technology enhanced learning in the classroom.

2.2 The Dean or 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 question, observation, suggestion, and classroom research.

### **4. Feedback for Achievement Standards**

The evaluation is conducted by the Administrator Committee in order to assessment process and grading.

### **5. Methodology and Planning for Course Review and Improvement**

5.1 Revise and develop course structure and learning process every year.

5.2 Seek advisory from expertise in order to enhance content and make it up-to-date with the changing environment

**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		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
<b>Course Category:</b> Business Major Course	● Major Responsibility									○ Minor Responsibility					
<b>Course Code:</b> IAC 3305 <b>Course Title:</b> Airport Management	●	○	○	●	●	○	●	●	○	●	○	○	●	○	○