



T-104
2022

Course Specification



T-104
2022

Course Specification



Course Title:	Airport Management
Course Code :	AVM0104
Program:	Aviation Management
Department:	Aviation Management
College:	Applied College
Institution:	Imam Muhammad Bin Saud Islamic University
Version:	1st version
Last Revision Date:	2 February 2024





Table of Contents:

Content	Page
A. General Information about the course	3
1. Teaching mode (mark all that apply) 2. Contact Hours (based on the academic semester)	4
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods	5
C. Course Content	6
D. Student Assessment Activities	6
E. Learning Resources and Facilities	7
1. References and Learning Resources	7
2. Required Facilities and Equipment	7
F. Assessment of Course Quality	7
G. Specification Approval Data	8



A. General information about the course:

Course Identification

1. Credit hours: 3

2. Course type

a. University ☐ College ☐ Department ☒ Track ☐ Others ☐

b. Required ☒ Elective ☐

3. Level/year at which this course is offered:

First year – Third level

4. Course general Description

The course introduces airport management and explains airport systems, as well as airport organization and administration. It explores aspects such as financial management and the airport environment. Discover new insights about how airports are planned and managed, covering all aspects of the airport infrastructure, from baggage handling, security systems, and analytics, runway to air traffic control and terminal.

5. Pre-requirements for this course (if any): ADM 0103, AVM0101

6. Co- requirements for this course (if any):

7. Course Main Objective(s)

The course is designed to equip students majoring in aviation management with the necessary skills and knowledge to:

1. Improve understanding of the planning and management of airports.
2. Describe airport organization and administration management.
3. Discuss the airport's financial resources management.
4. Develop an understanding of the airport's relationship to the economy and environment.





1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	45	100%
2.	Blended		
3.	E-learning		
4.	Correspondence		
5.	Other		



2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	45
2.	Laboratory/Studio	
3.	Tutorial	
4.	Others (specify)	
	Total	45





B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Students will be able to understand the process of organizing and managing airports.	1.1 1.2	Class lectures Class discussion	Quizzes, Homework, Assignment, Presentations and Exams.
1.2	Students will be able to discuss financial economic and environment factors effecting airports.	1.3 1.4	Class lectures Class discussion	Quizzes, Homework, Assignment, Presentations and Exams
2.0	Skills			
2.1	Demonstrate oral communication skills in reporting information regarding airport management.	S 2.1	Class discussion Presentation	Assignment, Oral Presentations
2.2	Students will be able to demonstrate written communication skills in presenting information regarding the airport management.	S 2.2	Class discussion Research Project	Research Paper
3.0	Values, autonomy, and responsibility			
3.1	Students can elaborate on contemporary issues that impact airports management.	1.4	Class lectures Class discussion	Examinations



C. Course Content

No	List of Topics	Contact Hours
1.	An introduction to airports and airport systems	3
2.	Airport and airport systems organization and administration	6
3.	Airspace and air traffic management	3
4.	Airport operations management	3
5.	Airport terminals and ground access	3
6.	Airport security	3
7.	Airport financial management	3
8.	Economic, political, and social role of airports	6
9.	Airport planning	6
10.	Airport capacity and delay	3
11.	The future of airport management	6
Total		45



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Major Exam 1	Week 4	15%
2.	Major Exam 2	Week 8	15%
3.	Homework	All weeks	5%
4.	Participation & attendance	All weeks	5%
5.	Term Research Paper and Oral presentation	Week 14	20%
6.	Final Exam	16	40%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Airport Planning & Management, Seventh Edition by Seth Young; Alexander T. Wells Publisher: McGraw-Hill, 2019
Supportive References	N/A
Electronic Materials	N/A
Other Learning Materials	N/A

2. Required Facilities and equipment

Items	Resources
Facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms
Technology equipment (projector, smart board, software)	Projector or smart board
Other equipment (depending on the nature of the specialty)	None



F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Faculty	Direct Method Assessment KPI indicator
Effectiveness of student's assessment	Students	Indirect Method Survey
Quality of learning resources		



Assessment Areas/Issues	Assessor	Assessment Methods
The extent to which CLOs have been achieved		
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)





G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

