هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

T-104
2022

Course Specification

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Course Title:	**Airport Operations Fundamentals**
Course Code:	**AVM**0103
Program:	Aviation Management
Department:	**Aviation Management**
College:	**Applied College**
Institution:	**Imam Muhammad Bin Saud Islamic University**
Version:	*1st version*
Last Revision Date:	**27 July 2023**

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 Qualit	7
G. Specification Approval Data	8

A. General information about the course:

Course Identification					
1. Credit hours:	4				
2. Course type					
a.	University ☐	College ☐	Department☒	Track☐	Others☐
b.	Required ☒	Elective☐			
3. Level/year at which this course is offered:	First year				
4. Course general Description This course highlights the fundamentals of the operations in the airport environment in order to provide key knowledge concepts to the respective learner.					
5. Pre-requirements for this course (if any):					
6. Co- requirements for this course (if any):					
7. Course Main Objective(s) Upon completion of this course, the student will be able to: • Define the Airport Environment and Organizations that Operate within the Industry. • Identify the differences between the Types of Supporting Subsidiaries within the Sector. • Familiarization of Standard Operating Procedures used within the Aviation Environment. • Identify the Key Components within the Airport Infrastructure • Learn the Differences in Equipment used within the Airport Ground Handling Activities. • Identify Airport and Airside Lighting, Signage and Markings.					

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	60	100%
2.	Blended		
3.	E-learning		
4.	Correspondence		
5.	Other		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	60
2.	Laboratory/Studio	
3.	Tutorial	
4.	Others (specify)	
	Total	60

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	Gain knowledge about the multiple operational and business functions of airports	K1	Class lectures, Class discussion, Quizzes and Homework	Quizzes, Homework, Assignment, Presentations and Exams.
1.2	Know the history of aviation and understand the role airports play in the economy	K2	Class lectures, Class discussion, Quizzes and Homework	Quizzes, Homework, Assignment, Presentations and Exams
2.0	Skills			
2.1	Acquire skills and competencies needed for professional practice	K3	Class lectures, Class discussion, Quizzes and Homework	Quizzes, Homework, Assignment, Presentations and Exams
2.2	Discover one's strengths and limitations within the field of aviation	K8	Class lectures, Class discussion, Quizzes and Homework	Quizzes, Homework, Assignment, Presentations and Exams
3.0	Values, autonomy, and responsibility			
3.1	Coordinate effective implementation of core processes and procedures between operational stakeholders	S3	A combination of lecture and group discussion	Oral Presentation
3.2	Describe Airport issues and challenges methods to overcome these challenges	S2	A combination of lecture and group discussion	Oral Presentation

C. Course Content

No	List of Topics	Contact Hours
1.	Operational functions of the airport	14
2.	Rescue, firefighting and other support services	12
3.	Airport issues and challenges	12
4.	The future of airports	10
5.	Technological developments	12
Total		60

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz 1	4	5%
2.	Quiz 2	8	5%
3.	Participation	Continuous Assessment	5%
4.	Midterm Exam	6	20%
5.	Homework	Continuous Assessment	5%
6.	Project	10	30%
7.	Final Exam	12	30%

*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 Operations Fundamentals IATA Textbook ICAO Annex 14 (Aerodromes), the ICAO Airport Services Manual (Doc 9137), and the Security Manual (Doc 8973) “Airport Operations” by Norman Ashford, Pierre Coutu, and John Beasley “Introduction to Airport Planning and Management” by Alexander Wells and Seth B. Young “Introduction to Airport Management” by Dr. Clayton T. Christensen “Practical Airport Operations, Safety, and Emergency Management: Protocols for Today and the Future” by Jeffrey Price and Jeffrey Forrest “Managing Airports: An International Perspective” by Anne Graham and Peter Morrell
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)	X
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		
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	