



MURANG'A UNIVERSITY OF TECHNOLOGY
SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT
DEPARTMENT OF HOSPITALITY, TRAVEL AND TOURISM

UNIVERSITY ORDINARY EXAMINATION

2023/2024 ACADEMIC YEAR

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF
SCIENCE IN HOSPITALITY MANAGEMENT**

HTT403: AVIATION SAFETY AND SECURITY MANAGEMENT

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question one and any other two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

- a. Distinguish between safety and security as defined by the International Civil Aviation Organisation. (4 marks)
- b. With aid of a diagram, illustrate the risk management framework. (6 marks)
- c. Highlight five key sections of annex 17 of the Chicago convention of the international civil aviation organisation. (5 marks)
- d. Explain five aviation security threats that are common in airports and airlines. (5 marks)
- e. Highlight six features of an aviation safety policy. (6 marks)
- f. State four features of an aviation security management system (SEMS). (4 marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a. Discuss four components of aviation safety management system. (8 marks)
- b. Explain ways through which airlines can implement enterprise risk management practices. (12 marks)

QUESTION THREE (20 MARKS)

- a. Explain five factors that prevent people from reporting safety concerns that arise in airlines. (8 marks)
- b. Discuss five roles of international civil aviation organization in managing aviation safety and security. (12 marks)

QUESTION FOUR (20 MARKS)

- a. Describe the components of enterprise risk management as used in aviation safety and security management. (10 marks)
- b. Explain five global high-risk categories of occurrence that are considered of almost priority by Kenyan national aviation safety plan. (10 marks)