**Academic Programs and professional Diplomas**

**Master in Aviation Management (MAM**

The Faculty of Tourism and Hotel Management, Helwan University has succeeded to conduct a program to offer a Master degree in Aviation.

This program is considered to be the second of its kind that grants this specialized degree in the Middle East region. This contributes to increase the efficiency of Human Resources in the airline industry.

This Program has been designed specifically to help those who wish to pursue their graduate level business education without interrupting their business Careers, the program also provide the participants with the skills required either to enhance their present career or to allow them to pursue a new career path. It also enables the graduates to be effective and knowledgeable employees. This allows them to develop their ability by teaching them the necessary tools to operate effectively, and manage the permanent changes in the aviation environment; which will successfully satisfy the demand for skilled workforce.

Helwan University Offers the possibility to complete the Air Transport Management Master program in about 18 months, through 6 modules, each module will be given approximately every 3 months; this program will be conducted in English language at the college premises in Cairo - Egypt.

The first group to study MAM Program started on the 7th of February 2009 including 32 researchers and had finalized the program on October 2010.

The second group to study MAM program started on the 23rd of May 2010 including 33 researchers and has finalized the program by December 2012.

The third group to study MAM program started on the 23rd of February 2016 including 7 researchers and expect to finalize the program by may 2017.

Announcement had been made for registration on the fourth group for MAM program by the begging of 2017.

Objectives of the Program:

* To provide the candidates with an internationally accredited standard of post graduate education specializing in the Air Transport Management.
* To develop the ability of participants from Airlines, Civil Aviation authorities and airports to operate effectively and manage the rapid changes in the regulatory, economical and political domains.
* To provide a highly integrated program, relevant to the current situations.
* To bring practical business and professional experience as well as academic background combined in one program.

Qualifications for Admission:

* Applicants must hold a university degree from a recognized university.
* Applicants must have experience in Aviation (Civil or Military), tourism, or related businesses.
* Applicants must provide verification of achieving a score of at least 500 in the TOFEL exam or IELTS test.

General Administration Regulations

Evaluation of the performance of the participants is based on formal written subject examinations, evaluation of oral pre­sentations, group projects, written reports, test results, and participation in general.

Parti­cipants, whose performance within the Foundation Segment falls below the required acade­mic standards, will be advised not to continue the degree Programs after completion of this Segment.

Participants must abide by required (mandatory) courses as mentioned in the program contents, and can select a number of elective courses to cover the needed credit hours for each segment as shown in the below table.

Participants graduate upon suc­cessful completion of the entire Program. The program is designed to offer the curriculum of subjects as block seminar given through each module which undertakes between 15-18 days every 2 and a half or 3 months.

Candidates, who pass in all subjects, in addition to a successful discussion for their research project (thesis) and have completed at least 65 credits at Helwan University, will receive their degree with distinction.

Participants of this program will be able to finish it after at least 18-24 months, in case participants failed to pass one or more courses there will be an opportunity to repeat it/them and the minimum cost will be calculated according to the number of participants applying for this / these courses.

Contents:

The program consists of six modules plus a performance module research paper

**Foundation Segment**

(20 credits to be selected)

**Module (1): 11 Credit Hours**

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| --- | --- | --- | --- |
| **Credits** | **Course Type** | **Course Name** | **Code** |
| 3 | Mandatory | Introduction to the Aviation Industry | MAM 101 |
| 3 | Mandatory | Operations Management (Commercial Operation) | MAM 102 |
| 2 | Mandatory | Research Methodology | MAM 103 |
| 3 | Elective | Strategic Management Science | MAM 104 |
| 3 | Elective | Microeconomics and Business Environment | MAM 105 |

**Module (2): 9 Credit Hours**

|  |  |  |  |
| --- | --- | --- | --- |
| **Credits** | **Course Type** | **Course Name** | **Code** |
| 3 | Mandatory | Principles of Economics in the Air Transport Industry | MAM 201 |
| 3 | Mandatory | Airline Business Development | MAM 202 |
| 3 | Elective | Strategic Management for Aviation Industry | MAM 203 |
| 3 | Elective | Strategic Decision Making | MAM 204 |

**Integration Segment**

(20 credits to be selected)

**Module (3): 8 Credit Hours**

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Course Name** | **Course Type** | **Credits** |
| MAM 301 | The Etiquette Advantage in Business (Work Ethics) | Elective | 3 |
| MAM 302 | Team Building | Mandatory | 2 |
| MAM 303 | Art of Service | Elective | 3 |
| MAM 304 | Human Resources Management | Mandatory | 3 |
| MAM 305 | People Management and Leadership | Elective | 3 |

**Module (4): 6 Credit Hours**

|  |  |  |  |
| --- | --- | --- | --- |
| **Credits** | **Course Type** | **Course Name** | **Code** |
| 3 | Elective | Marketing of Services | MAM 401 |
| 3 | Mandatory | Marketing in the Aviation Industry | MAM 402 |
| 3 | Elective | Airline Network Management | MAM 403 |
| 3 | Elective | Cargo Business Development and Global Supply Chain Management | MAM 404 |

**Core Modules**

(15 credits to be selected)

**Module (5): 6 Credit Hours**

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| --- | --- | --- | --- |
| **Credits** | **Course Type** | **Course Name** | **Code** |
| 3 | Elective | Management Science | MAM 501 |
| 3 | Elective | Management Control System | MAM 502 |
| 3 | Elective | Financial Management for Airports and Airlines | MAM 503 |
| 3 | Elective | Air Navigation Service Providers | MAM 504 |

**Module (6): 9 Credit Hours**

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Course Name** | **Course Type** | **Credits** |
| MAM 601 | Accounting Management | Elective | 3 |
| MAM 602 | Air law and International Legislations | Elective | 3 |
| MAM 603 | Aviation Safety Management | Elective | 3 |
| MAM 604 | Aviation Security Management | Elective | 3 |
| MAM 605 | Crisis Management | Elective | 3 |

**Module (7): 10 Credit Hours**

|  |  |  |  |
| --- | --- | --- | --- |
| **Co de** | **Course Name** | **Course Type** | **Credits** |
| MAM 701 | Master Project/Thesis | Mandatory | 10 |

Program Fees

The total fees for the Masters in Air Transport Management program are 30000 Egyptian pounds (not including books and references nor administration fees), to be paid in 3 Installments

**Documents needed for registration:**

* Birth certificate (only for Egyptian nationals).
* Original copy of a university degree certificate attached to it list of the studied subjects.

(For non Egyptians, it needs to be ratified from the Egyptian embassy at the applicant’s origin country and to be submitted with other documents to the office of equivalence in Cairo, Egypt).

* 4 recent personal photos.
* For Egyptian nationals a certificate of military service completion or exception (males only).
* Certificate of experience.
* Non Egyptians have to provide Letter of non-contest from the applicants national Embassy in Cairo (renewed annually).