

ADVANCED MASTER AVIATION SAFETY AIRCRAFT AIRWORTHINESS

IN BRIEF

Type of diploma : Advanced Masters

Ministry field(s) : Science and Technology

Presentation

Content and objectives

Aircraft airworthiness must be considered as a coherent process running from the design of the aircraft to the monitoring of its technical condition in airline service.

The ENAC's "Advanced Master" in Aircraft Airworthiness covers both the technical aspects of certification and the legal and economic implications. This course has been designed to give future managers a broad understanding of the issues and priorities which, as far as aeronautical construction is concerned, have an international dimension.

Air transport deregulation and the development of a global economy necessarily imply increased vigilance on behalf of both the regulatory authorities and the industry. Progress regarding safety has been constant. In the last 20 years, the accident rate per flight hour has been reduced by a factor of 10. But this is becoming insufficient due to the considerable increase in traffic. Current trends should encourage us to make even more improvements, and this must be achieved through training. The "Advanced Master" in Aircraft Airworthiness will provide future operators with the key to success in times to come.

This Advanced Master offered by ENAC, Ecole de l'Air and ISAE takes advantage of the excellent relations of both Universities with leading companies in the aeronautical engineering sector both in Europe and world-wide.

For more information about "Advanced Master" delivered by ENAC, please click [here](#).

Organization

MORE INFO

Level : Year 6 higher education – Advanced master

Type of education

* Full-time

* Continuing Education

- *Academic part (Mandatory)*
 - RG6004E - Certification Procedures
 - RG6010E - Changes to type Certificates
 - CS6004E - Safety and design Requirements for Systems
 - AV6006E - Environmental Certification
 - FH6003E - Human Factors
 - AE6016E - Normal-Category Aircraft and Unconventional Products Certification
- AE6011E - Flight
- AE6012E - Structure
- AV6008E - Avionics
- AE6015E - General Systems & Cabin
- AE6014E - Engine & Powerplant
- SH6006E - Integrated team project
- SV6002E - In-service Occurrence Management
- RG6006E - Continuing Airworthiness
- OP6003E - Operations & Operational Certification
- WW6001E - Airworthiness of State Aircraft
- *End of studies project (Mandatory)*
 - TX5900 - End of studies project

Professional insertion

Professional prospects and career opportunities

The “Advanced Master” in Aviation Safety - Aircraft Airworthiness has been set up for students who are considering a career in the aircraft airworthiness sector. The opening-up of the European air transport market, development of the Asian market and ageing of the world airline fleet are all creating real job prospects. The concerns of manufacturers and operators regarding the risks of a disorderly development of air transport are stepping up the need for technical monitoring and quality control.

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Organizational unit

ENAC - Ecole nationale de l'aviation civile

Places

Toulouse



Contacts

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