

SCIENCES, INGÉNIERIE ET TECHNOLOGIES

# ADVANCED MASTER AERONAUTICAL MAINTENANCE AND SUPPORT-ENGINEERING & MANAGEMENT (AMS-E&M)



Niveau d'étude  
visé  
BAC +6



Diplôme  
Mastère  
spécialisé



Domaine(s)  
d'étude  
Ingénierie  
aéronautique et  
spatiale

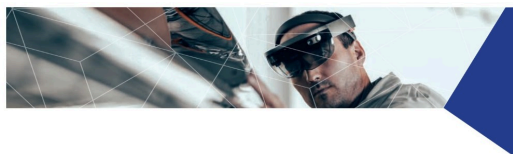


Accessible en  
Formation  
initiale,  
Formation  
continue



Établissements  
ISAE -  
SUPAERO

## Présentation



The Advanced Master in Aeronautical Maintenance and Support - Engineering & Management prepares the participants to face the competitive and fast changing MRO (Maintenance, Repair and Operations) business within the international regulatory framework.

## Objectifs

The aeronautical maintenance and support ecosystem is a highly competitive and dynamic international environment, facing exciting commercial, economic, strategic and technical challenges, with constant safety concerns. Encompassing a wide range of complex activities (concurrent engineering, operability analysis, integrated logistics support, life cycle management, line-base-shop maintenance, repair, modification, support services, supply chain services decommissioning), it plays a key role for defence and civil aviation. It aims

at designing, managing and ensuring aircraft continuing airworthiness and safety at acceptable costs with the best availability, while benefiting from technological innovations to create added-value for stakeholders.

The Advanced Master AMS-E&M delivers:

- the appropriate high-level skills and know-how in aircraft architecture, maintenance and support delivered by experts,
- an exposure to the latest techniques and methods know-how, innovation, regulations and standards applied throughout this value chain.
- It prepares students to enter the competitive and fast changing global Maintenance & Support industry.

## Admission

### Conditions d'admission

The applicants must hold the following degrees:

- A **Master's Degree** or an equivalent degree
- Or a **Bachelor's Degree** with at least 3 years of professional experience

- International degree equivalent to the aforementioned degrees.

For candidates who do not meet these conditions but can justify 5 years of significant professional experience, these programs can be accessed via the Validation of Professional and Personal Acquisitions - VAPP

## Et après...

### Insertion professionnelle

Engineering or management position in aircraft-engines-components manufacturers (OEM) and suppliers, airlines, approved maintenance organizations, continuing airworthiness management organization (CAMO), in-service support departments, OEM, supply chain organizations, authorities in civil or military aeronautical industry.

- Maintenance engineer or manager
- Maintainability/operability engineer
- Product support engineer
- Logistic support engineer

You can find on this [page](#) the job survey concerning our last Advanced Masters graduates

## Contact(s)

### Autres contacts

Ajouter : For more information, please visit the AMS-EM Advanced Master [webpage](#)

If you have any question:

- if you are a student, please contact [info-programmes@isae-superaero.fr](mailto:info-programmes@isae-superaero.fr)

- if you are a professional, please contact [info.exed@isae-superaero.fr](mailto:info.exed@isae-superaero.fr)

## Accessibilité des lieux et modalités d'enseignement aux étudiants en situation de handicap

The Advanced Master is accessible to persons with disabilities (PSH).

In the event that a learner is in a situation of disability, his or her needs (whatever they are educational, material, technical, human, etc.) are taken into account by the ISAE-SUPAERO's Disability Advisor. ISAE-SUPAERO provides the expertise, the tools, and the networks needed to facilitate the access to premises and resources, to prepare certifications and take examinations.

## Infos pratiques

### Autres contacts

Ajouter : For more information, please visit the AMS-EM Advanced Master [webpage](#)

If you have any question:

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- if you are a professional, please contact [info.exed@isae-superaero.fr](mailto:info.exed@isae-superaero.fr)

## Lieu(x)

 Toulouse

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## En savoir plus

ADVANCED MASTER AERONAUTICAL  
MAINTENANCE AND SUPPORT-ENGINEERING &  
MANAGEMENT (AMS-E&M)

<https://www.isae-supaero.fr/en/academics/advanced-masters/programs/advanced-master-aeronautical-maintenance-and-support-engineering-management-ams/>

# Programme

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## Organisation

### **1st semester:**

Part 1: Aircraft General Familiarization

Part 2: Maintenance and Support in Aircraft Design

Part 3: Maintenance & Health Management Analysis &

Part 4: Maintenance Execution & Management

Part 5: Airworthiness, Safety & Human Factors

Part 6: Support & Service

### **2nd semester:**

Students are required to conduct a 4 to 6 months professional thesis or internship

- with an aerospace company or in a laboratory
- in France or Abroad supervised by a tutor from the host organization and from ISAE-SUPAERO.

The thesis concludes with the submission of a report and an oral dissertation in front of a thesis committee..