



## Bachelor of Science in **Aeronautical Engineering**

### **How Exciting Is Aeronautical Engineering in FEATI?**

If you want to know these things then you're in for an exciting career & a learning-packed program.

- parts of an aircraft
- how an aircraft flies
- materials used in aircraft manufacturing
- powering an aircraft
- possibility of alternative energy sources to power an aircraft
- diverse work opportunities
- designing & building an aircraft using MSC Software

[www.featiu.edu.ph](http://www.featiu.edu.ph)



### **WHAT'S COVERED BY THE PROGRAM?**

#### **First year**

The first year level is mainly dedicated for general education courses such as Social Sciences, language and mathematics that will prepare you for the basic engineering courses on your second year level.

#### **Second year**

The second year contains the basic engineering courses and some professional courses such as engineering mechanics and thermodynamics that will prepare you for your advanced engineering courses.

#### **Third year**

Third Year contains courses that are geared towards theoretical and basic application such as in aerodynamics, wind tunnels, propulsions and computer aided design and simulations.

#### **Fourth year**

The Fourth Year focuses mainly on the synthesis of what you learned from third year by applying it to actual design and some background on operations, management and maintenance.

Language  
**English**

Total Credit  
**Units**  
**200**

Average  
number of  
hours per  
week  
**32 hours**

## What skills & abilities are expected from a FEATI Aero Engineering student?

- Good in mathematics and sciences
- Good at problem solving and critical thinking
- Good in written and verbal communication especially in English

## Who employs FEATI Aero graduates?

- Big and known local and international airlines and carriers
- Aircraft manufacturers and designers such as Airbus and Boeing
- Domestic and foreign research and design aviation abroad

## What's the edge of Aero Engineering in FEATI Univ?

- Its courses are aligned to both American and European aviation standards
- It maintains a functional & up-to-date Aero laboratory with tools based on what's used by industry
- It has achieved a high level of accreditation from local supervisory agencies
- It's vying for international accreditation



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# 220+

BS Aero Students

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# 76 years

Of operations

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# 1000+

Alumni working  
Locally & abroad

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## What is Aeronautical Engineering?

Aeronautical engineering is a multidisciplinary program that covers the design, construction, testing, and operation of aircraft and other vehicles flying within the earth's atmosphere.

Aeronautical Engineers are the primary people involved to ensure that the design is made into reality as well as to make sure that it operates properly and within the bounds of the regulatory bodies.

If you see an aircraft, don't just think of the pilots or flight attendants, those machines wouldn't fly without the engineers who designed and built them.