

A Closer Look

Applied Higher Education in the Netherlands

Academic Bio

- ❖ 2004 – Bachelor, Aeronautics and Astronautics, Institute of Technology Bandung
- ❖ 2008 – Master, Aeronautics and Astronautics, Institute of Technology Bandung
- ❖ 2018 – PhD, Aerospace Engineering, Delft University of Technology

Competency:

Aircraft Flight Dynamics

Aircraft Configuration Design

Flight Control

Flight Simulation

System Identification and Modelling

The Learning Path

| Year | Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 |
|------|-------------------|-----------|-------------------|-----------|
| 1 | Theme 1 | Theme 2 | Theme 3 | Theme 4 |
| 2 | Theme 5 | Theme 6 | Theme 7 | Theme 8 |
| 3 | Minor/ Internship | | Minor/ Internship | |
| 4 | Specialisation | | Thesis | |

Application- Based Curriculum



Case studies



Project work



Portfolio instead of exams

International Program



PARTIAL AND FULLY
ENGLISH PROGRAMS



MINOR PROGRAM



EXCHANGE
PROGRAM

Internship and Minor Programme

Third year

Company
internship of 20
weeks

Minor program
of one semester

Free to choose
the topic of the
minor

Free to follow the
internship/minor
abroad

Industry Partnership

Internship
and
graduation
topics

Applied
research
partnership

Real life
case
studies

Study
materials

Online and Hybrid Education during the Pandemic

Emergency distant education

Online classes and limited on-site practical

Hybrid classes

Learning Management System



The Life After

- ❖ Professional Career 74% (working alumni)
- ❖ Continuing Education 18%

Concluding Remarks

- ❖ Customised education
- ❖ A practical approach of the theory
- ❖ Application to the professional world
- ❖ Moving towards blended learning

