Your ticket to soar in aviation

The affordability of air travel has led to a significant growth in the air carrier industry thus creating a huge demand for aircraft maintenance staff.

Suitably qualified personnel especially those allowed to certify aircraft airworthiness command **high salaries** and are highly sought-after.

Designed to fill the demand created by the **booming aviation and travel industries worldwide**, students from Nilai U’s programmes will be trained in the essentials of servicing and maintaining modern aircrafts.
**Milestones**

**NOV 2007**
Launch of the Diploma in Aircraft Maintenance Engineering featuring the EASA Part 66 Category B1-1 Modules by YBM Tengku Dato' Seri Azlan Ibni Sultan Abu Bakar, Deputy Minister of Transport Malaysia.

**AUGUST 2010**
First cohort of students graduate with 90% of the class scoring distinctions.

**MAY 2012**
Launch of the Advanced Diploma validated by Kingston University UK as a top-up for the grant of a BSc (Hons) Aircraft Engineering from Kingston University UK.
“Too many students seem to think that getting a European Aviation Safety Agency (EASA) license is the be all, end all. Of course, getting the license is very important. That will take three to five years working experience. But getting a degree is only an additional year and I am confident that employers will notice someone with a degree when interviewing potential candidates.”

Eng Soon Min
Current student
Advanced Diploma in Aircraft Engineering

Oscar Tneh
Distinction, Class of 2011
Diploma in Aircraft Maintenance Engineering

“I joined this programme as I believe there are great career opportunities in this field. Nilai U’s dedicated lecturers and facilities certainly helped me achieve my aim of getting a distinction.

I strongly recommend students who are technically minded and good with their hands to check out Nilai U’s Diploma in Aircraft Maintenance Engineering.”

COURSE PATHWAY

SPM / O-Level or equivalent

Diploma in Aircraft Maintenance Engineering &
EASA Part 66 Category B1-1 Examinations
2½ years full time (6-month industrial attachment with our industry partners)

Advanced Diploma in Aircraft Engineering
1 year full time
BSc (Hons) Aircraft Engineering from Kingston University

EASA Part 66 Category B1-1 LICENSE

CREDIT TRANSFERS

The Nilai U Diploma in Aircraft Maintenance Engineering is recognised for credit transfers to the following universities:

- Institute of Technology Carlow, Ireland
- Glyndwr University, UK
- University of The West of England, Bristol, UK
- University of Glamorgan, UK
- Swinburne University of Technology, Australia

HEALTH REQUIREMENTS

APPLY TO THE AIRCRAFT MAINTENANCE ENGINEERING PROGRAMMES

All offers are subject to the student being certified by a medical practitioner as fit to be accepted into the programme and not having any of the following medical/physical condition:

COLOUR BLINDNESS // HEARING DEFECTS // ASTHMA
# Diploma in Aircraft Maintenance Engineering

<table>
<thead>
<tr>
<th>PROGRAMME LEVEL</th>
<th>NILAI U PROGRAMMES</th>
<th>MINIMUM ENTRY REQUIREMENTS</th>
<th>DURATION (YEARS)</th>
<th>INTAKE</th>
</tr>
</thead>
</table>
| DIPLOMA         | Diploma in Aircraft Maintenance Engineering | o SPM / O-Level – 3 credits including Mathematics, English and a Science subject  
o Successful completion of the Certificate in Aircraft Maintenance Engineering or other relevant fields from a polytechnic or other providers of higher education recognised by the Malaysian Government with a CGPA of 2.00. | 2½ | JAN MAY OCT |

## MINIMUM ENGLISH ENTRY REQUIREMENT (For International Students Only)

<table>
<thead>
<tr>
<th>IELTS</th>
<th>TOEFL</th>
<th>GCE/GCSE O-LEVEL</th>
<th>NILAI UNIVERSITY IEP</th>
</tr>
</thead>
</table>
| BAND 5.0 | PAPER BASED : 500  
COMPUTER BASED : 61 | MINIMUM GRADE E | SUCCESSFULLY COMPLETED (OR EXEMPTED) |

Only when stated as an entry requirement, a minimum Grade C is then needed for English. For other qualifications, please consult our education counsellors.

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# Advanced Diploma in Aircraft Engineering

<table>
<thead>
<tr>
<th>PROGRAMME LEVEL</th>
<th>NILAI U PROGRAMMES</th>
<th>MINIMUM ENTRY REQUIREMENTS</th>
<th>DURATION (YEARS)</th>
<th>INTAKE</th>
</tr>
</thead>
</table>
| ADVANCED DIPLOMA | Advanced Diploma in Aircraft Engineering | o Nilai U Diploma in Aircraft Maintenance Engineering  
o EASA Part 66 License in Category 'B'  
o Diploma (in a related field) Pass and a pass in SPM English subject* | 1 | JAN MAY |

## MINIMUM ENGLISH ENTRY REQUIREMENT (For All Students)

<table>
<thead>
<tr>
<th>SPM 1119</th>
<th>IELTS</th>
<th>TOEFL</th>
<th>GCE/GCSE O-LEVEL</th>
<th>NILAI UNIVERSITY IEP &amp; ENGLISH REQUIREMENT COURSES</th>
</tr>
</thead>
</table>
| CREDIT   | BAND 6.0 | PAPER BASED : 550  
COMPUTER BASED : 79 | MINIMUM GRADE C | SUCCESSFULLY COMPLETED (OR EXEMPTED) |

For other qualifications, please consult our education counsellors.

*Note:*
Applicants with an equivalent qualification to the Nilai U Diploma in Aircraft Maintenance Engineering may take the Nilai U Advanced Diploma in Aircraft Engineering. However, their eligibility for the Kingston award will be determined by Kingston University on a case-by-case basis and the candidate will be informed in writing prior to registering for the programme.
Dr Peter Barrington, Head of Kingston University’s School of Aerospace and Aircraft Engineering, outlines the benefits of completing this one year, top-up degree programme.

**Why choose Nilai U as your partner in offering this degree?**

We are only interested in working with quality partners. Kingston University must be assured of the standards applied. We have already visited Nilai U three times and are very happy with what we have seen. There is a good match in terms of aircraft engineering subject areas. The key factor is that Nilai U conducts its EASA exams through CAAi which makes us very confident in the standard of knowledge. In addition, the quality systems that Nilai U do have in place and its experience of working with a number of foreign universities made it particularly reassuring to us.

**Please explain how this degree works?**

Kingston University offers a three-year BSc (Hons) in Aircraft Engineering. Students do a two-year foundation degree at one of our five partner institutions in the UK and they do the final year at Kingston University. Our Foundation Degree is based on the EASA B licence syllabus which is very similar to Nilai U’s diploma programme. There are some differences between the programmes and we are introducing a bridging module to cover these aspects.

So Nilai U’s Diploma programme plus the bridging modules is equivalent to Kingston University’s Foundation programme. Students then only need to do a one-year top up to get the degree.

According to the Malaysian Qualifications Agency (MQA) specifications, one year of post diploma study entitles students to an Advanced Diploma.

But in the UK context, it is an Honours degree. This means graduates will receive both an advanced diploma from Nilai U and a BSc (Hons) in Aircraft Engineering from Kingston University. If students successfully complete the programme with a second class honours, they can progress on to post-graduate studies in the UK.

**Can a student proceed to do this Degree in Aircraft Engineering if s/he has completed a Diploma in a differing engineering field?**

No. This is because the articulation agreement between Nilai U and Kingston University requires a match of curriculum. Both Nilai U’s diploma and Kingston’s Foundation programmes in this field are based on Part 66 of the EASA syllabus. However, if a student has done an aircraft maintenance engineering programme at a different institution and wants to do the top up degree programme, we will have to evaluate it on an individual basis to ensure they have covered the same curriculum to the same exacting standards.

“"This is a highly rewarding and can be a very lucrative career. Having a degree will certainly help a person better perform the job and ensure upwards mobility.”

- Dr Peter Barrington
Can Nilai U students opt to finish their degree in the UK after completing Nilai U’s Diploma in Aircraft Maintenance Engineering?

The top up degree is available to those who have completed Nilai U’s Diploma in Aircraft Maintenance Engineering and the bridging modules. To go to the UK, a student will need to complete the bridging modules and also pass an English proficiency test as well. It’s a lot less expensive to complete the degree programme at Nilai U.

If someone wanted the experience of doing one year in the UK, the more sensible option would be to complete the honours degree at Nilai U, then proceed to do the MSc in Aircraft Engineering at Kingston University.

In your opinion, how will students benefit by continuing their studies to degree level?

The basic EASA diploma is about getting the license which is a key qualification which allows the person to sign off on aircraft airworthiness. This top up degree is more to move people on to supervisory roles within the industry. It is about managing a team and having the ability to deal with uncertain issues.

Initially, employers will be keen to know if a person has obtained their EASA licence. But they will also need people to lead the team and the degree holder will come across as more confident and knowledgeable. Doing a degree is with long term career options and rewards in mind.

A UK degree is internationally recognised and this allows the person to move around easier. It must be said, there’s not a lot of point in getting the degree if there is no intention of getting the EASA license. How a person sequence that is up to them.

For many people, it is easier to get the education done and then move towards getting the experience necessary for the license. It is quite hard to come back and do a degree after having worked for a few years.

What would you say to prospective students and their parents about joining this field?

The aircraft maintenance industry is highly regulated. The number of people required can be predicted quite easily and there is solid evidence to show that the demand is going to keep growing.

This is also a highly rewarding field to be in. A person is essentially going to be responsible for aircraft worth hundreds of millions of dollars and whether or not it leaves the ground. Most importantly, it is about the safety of the persons who will be on the flight. It can be a very lucrative career. Having a degree will certainly help a person better perform the job and ensure upwards mobility.

“ It is easier to get the education done and then move towards getting the experience necessary for the license.”

- Dr Peter Barrington
“The lecturers at Nilai U are very experienced and really care about the students. They are very patient but also keen to instil a sense of discipline among us as well.”

Nency Philip Selvaraju

“This is a great programme as it is a combination of theory and practical knowledge. Your studies are not purely memorising textbooks as we also get to work with our hands. This makes it a lot more interesting.”

Hemamalini Murugan

“Nilai U’s programme is great because its syllabus prepares us for the all-important EASA exams. There is also a pathway to a degree in aircraft engineering. Everything is designed to prepare us for a great career in this field.”

Deenadayalini Retnam
NILAI U &
EASA PART 66 CATEGORY B1-1 EXAMINATIONS

The Aircraft Maintenance Engineering programme at Nilai University incorporates in its syllabus the internationally recognised European Aviation Safety Agency (EASA) Part 66 Category B1-1 syllabus.

This means students will study for both a diploma as well as for the EASA exams using the very same course notes.

A license holder is permitted to certify the air-worthiness of an aircraft. This is after one has been subject to maintenance of aircraft structure, power points, mechanical and electrical systems.

Replacement of avionic line’s replaceable units and simple tests to prove their serviceability is also under the purview of the license holder.

About EASA
The European Aviation Safety Agency (EASA) is the core agency of a new, cost-efficient regulatory system in Europe and is a stringent watch dog which ensures all its partner agencies worldwide are similarly well organised.

EASA is responsible for the airworthiness standards for the majority of civil aircrafts registered in European Union member states. (www.easa.eu)

Our students have been accepted at the following companies for on-the-job training:

- AirAsia Bhd
- AirAsia X Sdn Bhd
- Awan Inspirasi Sdn Bhd
- Berjaya Air Sdn Bhd
- CTRM Aviation Sdn Bhd
- Eurocopter Malaysia Sdn Bhd
- Executive Jets Asia Sdn Bhd
- GE Engine Services Malaysia Sdn Bhd
- Hornbill Skyways Sdn Bhd
- Island Aviation Series Ltd
- KLM Royal Dutch Airlines
- Maldivian Air Taxi (Pte.) Ltd
- MASwings Sdn Bhd
- Sepang Aircraft Engineering Sdn Bhd
- SR Aviation Sdn Bhd
- Systematic Aviation Services Sdn Bhd
WHY NILAI U?

ENRICHMENT FOR LIFE
105-acre award-winning campus is dedicated to a sole mission – to bring out the best in you.

We are committed to providing a life-enriching experience that will challenge and stimulate not only the mind and body but also to nurture the soul of the human spirit.

IDEAL LOCATION
Strategically located in the bustling township of Putra Nilai, we are a short 35-minute drive from Kuala Lumpur City Centre and 20 minutes from the Kuala Lumpur International Airport.

The Nilai University
BLUEPRINT FOR SUCCESS

- **STRONG COURSES**
  Programmes combine a strong base of courses in the chosen field of study.

- **CHARACTER BUILDING**
  Course modules to nurture professional development and character building.

- **HOLISTIC DEVELOPMENT**
  Co-curriculum involvement to promote self-confidence, independence and resourcefulness.

- **INDUSTRY INTERNSHIP**
  Provides practical experience at a supervised field site to complement theoretical learnings.
Nilai U is one of the few institutions equipped with a hangar complete with a King Beech Turbine aircraft and a Beechjet 400A aircraft for students to further hone their skills.

Also included in the 5,000+ sq ft hangar are state-of-the-art lecture rooms and workshops.

Students are placed on a six-month on-the-job-training module as part of the programme, to provide confidence and exposure when stepping into real working environments.

“The university with a resort hotel & golf club.”
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Email: marketing@nilai.edu.my
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Email: yappinsim@gmail.com

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