



NORTH BORNEO
UNIVERSITY COLLEGE
 DK U001-02(S)

**FACULTY OF AEROSPACE,
 ENERGY & SURVEY**
NAVIGATING TOMORROW'S HORIZONS

**#SHAPING30:
 VISUALISING THE
 IMPOSSIBLE**



VARIOUS STUDY MODE

ODL • FULL-TIME • PART-TIME • MICRO-CREDENTIAL

DIVERSE EDUCATION LEVEL

PHD • MASTER • DEGREE • DIPLOMA • TVET



TOWARDS FULL PLEDGE UNIVERSITY



**FACULTY OF AEROSPACE,
ENERGY & SURVEY**
NAVIGATING TOMORROW'S HORIZON
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**ASSOCIATE PROFESSOR
GS. ALMEEZAN ZAHRY
BIN ACHO**

**Dean,
Faculty of Aerospace,
Energy & Survey,
North Borneo University
College (NBUC)**

Dean's Welcome Message

Assalamualaikum w.b.t and salam sejahtera,

Dear Faculty Members, Students, and Friends of FAES,

It is my great pleasure to welcome you to the inaugural edition of our FAES magazine. This publication stands as a testament to the vibrant community we have cultivated here at the Faculty of Aerospace, Energy & Survey (FAES).

At FAES, we are driven by a relentless pursuit of excellence in education, research, and innovation. Our faculty members are not only dedicated educators but also leading experts in their fields, committed to shaping the future of aerospace, energy, and survey disciplines.

Our mission at FAES is to empower our students with the knowledge, skills, and practical experience needed to thrive in their chosen professions. Whether you are pursuing a Diploma in Aircraft Maintenance Technology, Aviation Management, Geomatics, Geographic Information System, or Plantation, our diverse programs are designed to meet the evolving demands of the industry.

Throughout this magazine, you will discover the rich history of our faculty, our ambitious vision for the future, and the remarkable achievements of our students and alumni. From cutting-edge research initiatives to impactful community outreach programs, FAES continues to make significant contributions to our society.

I extend my gratitude to our faculty members, staff, students, and alumni whose unwavering dedication and passion continue to propel FAES forward. Together, we will continue to push the boundaries of knowledge and innovation, making a lasting impact in our respective fields.

I invite you to explore this magazine and discover the inspiring stories and accomplishments that define our vibrant FAES community.



About us

Our History

The Faculty of Aerospace, Energy & Survey (FAES) has a rich history rooted in NBUC's commitment to excellence in education and research. Established 2013, FAES has grown to become a leading institution in the fields of aerospace, energy, and survey disciplines. Over the years, we have continuously evolved to meet the dynamic demands of these industries, shaping the future of our sectors through innovative education and groundbreaking research.

Our Mission

Our mission at FAES is to educate and inspire the next generation of leaders in aerospace, energy, and survey disciplines. We are dedicated to providing a rigorous academic environment that fosters intellectual curiosity, creativity, and critical thinking. Through our comprehensive programs and state-of-the-art facilities, we prepare students to excel in their careers and contribute meaningfully to society.

Our Vision

Our vision at FAES is to be a global leader in aerospace, energy, and survey education and research. We aspire to cultivate a diverse and inclusive community of scholars, researchers, and practitioners who drive innovation and tackle complex challenges facing our industries and the world. By fostering collaboration and pushing the boundaries of knowledge, we aim to make a lasting impact on the future of aerospace technology, sustainable energy solutions, and geospatial sciences.

Staff Faculty of

AEROSPACE, ENERGY & SURVEY



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Zahry Bin Acho**
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**Mr. Md Khairie Anwar
Bin Mamud**
Lecturer

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Career Services

We will offer the following

Career Counseling

Our dedicated career counseling team is here to support you every step of the way in your professional journey. We offer personalized career guidance to help you identify your strengths, set achievable career goals, and develop a clear pathway to success. Whether you are exploring career options or seeking advice on advancing in your chosen field, our counselors are here to provide expert advice and support.

Internship Opportunities

Gain practical experience and enhance your resume with our extensive internship programs. We partner with leading organizations in the fields of enforcement and governance to offer our students hands-on learning opportunities. These internships provide invaluable industry experience, allowing you to apply classroom knowledge in real-world settings and build professional networks.

Job Placement Support

Our job placement support services are designed to help you transition smoothly from education to employment. We offer a range of resources, including resume and cover letter writing workshops, interview preparation sessions, and job search strategies. Our strong connections with industry employers and our active alumni network provide numerous job placement opportunities for our graduates.





Networking Events

Build your professional network and connect with industry leaders through our regular networking events. These events include career fairs, guest lectures, and alumni meetups, offering you the chance to learn from experienced professionals and explore various career paths. Networking is a crucial aspect of career development, and we strive to create numerous opportunities for you to engage with potential employers and mentors.

Career Development Workshops

Gain practical experience and enhance your resume with our extensive internship programs. We partner with leading organizations in the fields of enforcement and governance to offer our students hands-on learning opportunities. These internships provide invaluable industry experience, allowing you to apply classroom knowledge in real-world settings and build professional networks.

Alumni Mentorship Program

Our Alumni Mentorship Program connects current students with successful alumni who can provide guidance, advice, and support. Mentors share their professional experiences, offer insights into various career paths, and help mentees navigate the challenges of starting their careers. This program fosters meaningful connections and promotes a supportive community of lifelong learners.

For more information, Visit us at:

**Sports, Co-Curricular and
Counseling Department, North
Borneo University College (NBUC).**

Contact: 088-218 230

Email: ashar@nbuc.edu.my

HIGHLIGHTS

spotlight ON FACULTIES



NBUC Facilities



PRESIDENTIAL OFFICE



CAMBRIDGE HALL



NBUC AEROPLANE HANGAR



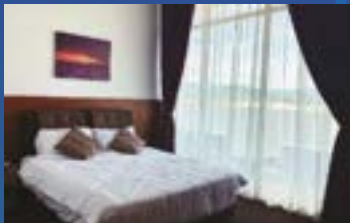
CABIN CREW SIMULATION ROOM



OXFORD THEATER



BORNEO AUDITORIUM



HOTEL SIMULATION ROOM



DINING SIMULATION ROOM



CULINARY SIMULATION AREA



AVIONIC LAB



LIBRARY



CLASSROOM



SEMINAR ROOM



COMPUTER LAB



PASTRY KITCHEN



PHOTO STUDIO



FOOD BANK



GEOKIDZ NURSERY



UNICAFE



HOSTEL

Admission Process

North Borneo University College welcomes and encourages prospective students to consider and choose your learning journey with us. The information is provided to prepare prospective students for enrollment at the Main Campus, 1 Borneo, Kota Kinabalu, Sabah, Malaysia. The steps are simple and easy.

STEP 1: Choose Programmes and Eligibility

CHOOSE YOUR PROGRAMME

You can choose any preferred programs by browsing through the information on the Study@NBUC website page. We offer Diploma levels up to postgraduate level (Master's and Ph.D.) for you to choose from.

CHECK ENTRY REQUIREMENT

Compare your highest academic qualifications with the entry requirement. Admission through APEL is also accepted. For further inquiries, do not hesitate to leave your questions through the Enquiry Form.

FINANCIAL ASSISTANCE

View the list of funding and scholarships to support your tuition fees.

STEP 2: Application Process

ONLINE APPLICATION

Filling in our Online Application will take you less than 5 minutes. Please make sure all the given details are correct before submitting.

PROCESSING

Your application will be processed and you will receive a Conditional Offer Letter (COL) at your email address. Please read the instruction given carefully for further action.

UNCONDITIONAL OFFER LETTER

An unconditional Offer Letter (OL) will be issued once the copy of the academic transcript is received via email or post whichever is easier for you to send.

STEP 3: Offer Acceptance & Registration

UPON ACCEPTANCE/REJECTION/ DEFERMENT OF THE OFFER

Upon receiving the offer letter (OL), please respond to our offer of **admission**:

Accept/Reject the offer:

Fill in the Acceptance Form and submit it to the Admission & Records Unit through the post/email/fax.

If you accept but intend to defer our offer:

Fill in and submit the Deferment Form enclosed, together with the Acceptance Form

Note: These forms should reach us by the stipulated date as stated in the offer letter; otherwise the offer of admission will automatically be revoked.



NORTH BORNEO
UNIVERSITY COLLEGE
DK U001-02(S)

DIPLOMA IN AIRCRAFT MAINTENANCE TECHNOLOGY

JPT: N/525/4/0110 MQA: FA 12582

INTRODUCTION

This comprehensive program combines theoretical knowledge with hands-on training, ensuring you develop the skills required to maintain, repair, and inspect aircraft to the highest safety standards.

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OBJECTIVE PROGRAMME

• Our Diploma in Aircraft Maintenance Technology prepares you for a dynamic career in the aviation industry.



ENTRY REQUIREMENT

• Possesses Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum of credit in three subjects



STUDY DURATION

2.5 years
(2 years 6 months)

CORE COURSE

- Aviation Mathematics
- Aviation Physics
- Electrical Fundamental
- Digital Technique
- Aircraft Material & Hardware
- Basic Maintenance Practices
- System Maintenance Practices
- Human Factor
- Aircraft Maintenance Practices
- Basic Aerodynamics
- Aviation Legislation
- Aircraft Structure & Systems I
- Aircraft Structure & Systems II
- Gas Turbines
- Propellers
- Industrial Training

FUTURE JOB

- Aircraft Maintenance Technician
- Aircraft Maintenance Engineer (Mechanical)
- Aircraft Maintenance Engineer (Avionics)
- Aero Components Repair Technician
- Quality Assurance Inspector
- Airworthiness Inspector
- Technical Service Engineer

BENEFITS AT NBUC



MQA ACCREDITATION



FINANCIAL ASSISTANCE



CONVENIENT CAMPUS



CONTINUOUS EDUCATION



STUDENT ALLOWANCE






SPORTS & ACTIVITIES

*SUBJECT TO TERMS AND CONDITIONS

For more info, contact us:
+6 088 218 230 (Office)

North Borneo University College, Wisma Angkatan Hebat, 1 Borneo, Jalan Sulaman, 88400 Kota Kinabalu, Sabah

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 www.nbuc.edu.my



DIPLOMA IN AVIATION MANAGEMENT

JPT: N/0414/4/0022 MQA: PA 15857

INTRODUCTION

Aviation management plays a pivotal role in ensuring the smooth operation of airlines, airports, and related enterprises worldwide. As aviation continues to evolve, the demand for skilled professionals capable of navigating complex challenges and seizing opportunities grows ever stronger.

**FACULTY OF
AEROSPACE,
ENERGY & SURVEY
(FAES)**

APPLY NOW



OBJECTIVE PROGRAMME

- This program equips you with the knowledge and skills necessary to thrive in various aviation-related roles.



ENTRY REQUIREMENT

- Possesses Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum of credit in three subjects



STUDY DURATION

2.5 years
(2 years 6 months)

CORE COURSE

- Air Cargo Management
- Principles Of Management
- Information Computer Technology
- World Geography
- Aviation Safety & Security
- Aviation Economics
- Airlines And Airport Marketing
- Fundamental Of Aviation Law
- Statistical Analysis
- Radio Aids & Navigator System
- Final Year Project
- Entrepreneurship
- Crew Resource Management
- Industrial Training

FUTURE JOB

- Route Planner
- Human Resources Manager
- Aviation Economic Planner
- Logistics & Warehouse Manager
- Ticketing Manager
- Airport Security Manager
- Air Traffic Controller
- Airline Manager
- Airline Finance Executive
- Airport Front Desk Officer
- Airport Business Planner
- Airline Forecaster

BENEFITS AT NBUC



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**NORTH BORNEO
UNIVERSITY COLLEGE**
DK U001-02(S)

DIPLOMA IN GEOMATICS

JPT: R/581/4/0080 MQA: FA 5346

INTRODUCTION

Geomatics is a dynamic field that integrates cutting-edge technology with spatial data to analyze, visualize, and solve real-world problems. This program is designed for students who are passionate about geography, mapping, and using data to understand our environment.

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ENERGY & SURVEY
(FAES)**

APPLY NOW



OBJECTIVE PROGRAMME

• Student will be exposed to several of the latest measuring as well as data collection and process including map designing. This Diploma accredited by the Sabah Land Surveyors Board.



ENTRY REQUIREMENT

• Passed the Sijil Pelajaran Malaysia (SPM) with credit in three (3) subject including Mathematics and one (1) Science/Technical/Vocational subject with a pass for the English subject.



STUDY DURATION

3 years
(6 Semester)

CORE COURSE

- Introduction to Survey
- Fundamental of GIS
- Fundamental of Remote Sensing
- Advance Mathematics
- Basic Computer
- CAD Drawing
- Dimensional Survey
- Pengajian Islam
- Human and Religion
- English for Communication
- Cadastral Survey I
- Engineering Survey I
- Digital Photogrammetry
- Data Collection & Information System
- Introduction to Survey
- Fundamental of GIS
- GPS Survey
- Cadastral Survey II
- Engineering Survey II
- Mapping
- Land Law & Land Management
- Coordinate Reference System
- Community Services
- GIS/LIS
- Geodetic Survey
- Hydrography
- Survey Adjustment
- Project Management
- Industrial Training
- GPS Survey
- Cadastral Survey II
- Engineering Survey II

FUTURE JOB

- Survey Technician
- Land Surveyor
- Draughtsmen
- Site Surveyor
- Construction Surveyor
- Hydrographic Surveyor
- Sales Support

BENEFITS AT NBUC



MQA ACCREDITATION



FINANCIAL ASSISTANCE



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CONTINUOUS EDUCATION



STUDENT ALLOWANCE



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DIPLOMA IN GEOGRAPHIC INFORMATION SYSTEM

JPT: R/581/4/0080 MQA: FA 5346

INTRODUCTION

Diploma in Geographic Information System (GIS) is an information technology field of practice that acquires, manages, interprets, integrates, displays, analyses, or otherwise uses data focusing on the geographic, temporal, and spatial context.

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APPLY NOW 



OBJECTIVE PROGRAMME

• Diploma in GIS Program aims to produce graduates in the field of geoinformatics to support the needs in handling various geospatial-related developments of the country.



ENTRY REQUIREMENT

• Pass Sijil Pelajaran Malaysia (SPM) with credit in 3 subjects including Mathematics



STUDY DURATION

3 years
(6 Semester)

CORE COURSE

- Introduction to Survey
- Fundamental of GIS
- Fundamental of Remote Sensing
- Advance Mathematics
- Basic Computer
- English for Writing
- CAD Drawing
- Cartography
- Data Communication
- Computer Programming I
- Data Concept
- Digital Photogrammetry
- GPS Survey
- Spatial analysis
- GIS Database
- Natural Resources Management
- Land Law & Land Management
- Computer Programming II
- Community Services
- Geospatial Technology
- Urban & Regional Planning
- Geospatial Survey Camp
- Spatial Data Infrastructure
- Project Management
- Special Project
- Industrial Training

FUTURE JOB

- CAD Drafter
- GIS Technician
- Survey CAD Technician
- Cartographic Technician
- Land Survey Technician
- Remote Sensing Analyst
- Geographic Information System Specialist
- GIS Administrator
- Senior CAD Designer
- GIS Developer
- GIS Analyst
- Geodesist
- Geographer
- LiDAR Analyst

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STUDENT ALLOWANCE





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 www.nbuc.edu.my



DIPLOMA IN Plantation Management

JPT: N/622/4/0024 MQA: PA 13814

INTRODUCTION

Diploma in Plantation Management offers a comprehensive diploma program that equips you with the knowledge and skills needed to thrive in the dynamic and vital field of plantation management.

**FACULTY OF
AEROSPACE,
ENERGY & SURVEY
(FAES)**

APPLY NOW 



OBJECTIVE PROGRAMME

• Our program is designed to provide you with a solid foundation in agricultural practices, plant biology, and the latest techniques for sustainable plantation management.



ENTRY REQUIREMENT

• Possesses Sijil Pelajaran Malaysia (SPM) or its equivalent with a minimum of credit in three subjects;



STUDY DURATION

2.5 years
(2 years 6 months)

CORE COURSE

- Introduction to Crop Husbandry
- Introduction to Soil Science
- Fieldwork 1
- Soil Management
- Farm Management
- Land Survey
- Rubber Industry
- Plant Sciences
- Plant Pathology
- Greenhouse Management
- Organic Farming
- Agriculture Economics
- Agriculture Extension
- Agriculture Engineering
- Fieldwork 2
- Industrial Training

FUTURE JOB

- Plantation Manager
- Cadet Planters
- Chargeman
- Project Manager
- Research Officer
- Assistant Mill Manager
- Public Assistant
- Administrative Officer
- Assistant Administrative Officer
- Mill Supervisor

BENEFITS AT NBUC



MQA ACCREDITATION



FINANCIAL ASSISTANCE



CONVENIENT CAMPUS



CONTINUOUS EDUCATION



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Alumni

#InspirasiNBUC

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ALUMNI NBUC

Nama:
HANNI NORSYAMIMIE AQIRA BINTI TAJUDIN

Alumni program:
DIPLOMA GEOMATIK
NORTH BORNEO UNIVERSITY COLLEGE

Kerjaya kini:
SURVEY DATA PROCESSOR

Nothing is impossible. The word itself tells "I'm possible" - Audrey Hepburn

www.nbuc.edu.my

#InspirasiNBUC

NorthBorneoUC

ALUMNI NBUC

Nama:
DEILYS MODILI

Alumni program:
DIPLOMA GEOMATIK
NORTH BORNEO UNIVERSITY COLLEGE

Kerjaya kini:
SURVEYOR TECHNICIAN

"Kellingi diri anda dengan orang-orang positif, jadikan mereka inspirasi yang mengangkat anda lebih tinggi"

www.nbuc.edu.my



NORTH BORNEO UNIVERSITY COLLEGE

DK U001-02(S)

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088-218 230 / 088-487 230

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