POLITEKNIK BRUNEI

SCHOOL OF INFORMATION & COMMUNICATION TECHNOLOGY

Level 5 Diploma in
Applications Development

"This programme aims to equip aspiring developers with the essential knowledge and practical skills needed to thrive in the rapidly evolving landscape of application development. Through a balanced blend of theoretical concepts and hands-on experiences, we strive to foster creativity, critical thinking, and problem-solving abilities in our students. By the end of this program, you will be prepared to contribute meaningfully to the development of cutting-edge software solutions."

Career Opportunities

Applications Developer, Software Engineer, Mobile App Developer, UX/UI Designer, Project Manager, Database Administrator, IT Consultant, Systems Analyst, Web Developer

Further Studies Opportunities

Bachelor degree in IT related field such as Computer Science, Software Engineering, or related disciplines or other related field as well as professional certifications in specific programming languages, project management, or user experience design

Programme Duration: 2.5 Years Full time

Year 1, Semester 1

Module Title	Module Type
Pendidikan Islam	Core
Mathematics for ICT	Core
Communication Skills	Core
Health, Safety, Security and Environment	Core
Computer Systems Architecture	Essential

Year 1, Semester 2

Module Title	Module Type
Pengajian Melayu Islam Beraja	Core
Entrepreneurship Basics	Core
Database Design and Implementation	Essential
Introduction to Programming	Essential
Systems Analysis and Design	Essential

Year 2, Semester 3

Module Title	Module Type
IT Project Management	Essential
User Experience Design	Essential
Application Programming	Specialised
Mobile Application and Development	Specialised
IT Project Management	Essential

Year 2, Semester 4

Module Title	Module Type
Final Year Project (IT Project)	Essential
Development Operations	Essential
Information Systems Management	Specialised

Year 2, Semester 5

Module Title	Module Type
Internship	Core
Elevate	Core

Throughout 2.5 years programme	
Enrichment	Core