

ABOUT US

Cosmopolitan College of Commerce and Technology Sendirian Berhad (CCCT) was established in August 2004 in response to a growing demand for quality Human Resource development services in Brunei. Our focus is to strategically manage training, staff development and educational experiences, to create a valuable and effective staff member; rather than just another person with a course completion certificate.

OUR VISION

“To be the leader in providing quality human resource development to the world”

OUR MISSION

Understanding and integrating the educational, training and development needs of the students and managing them to produce future managers of the world.



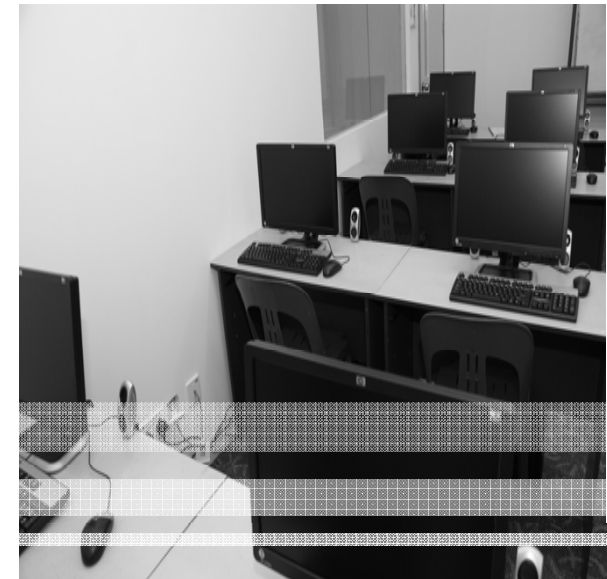
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COSMOPOLITAN COLLEGE OF COMMERCE AND TECHNOLOGY



HIGHER NATIONAL DIPLOMA IN
COMPUTING



Approved by BDTVEC
(Brunei Darussalam Technical and
Vocational Education Council)

HIGHER NATIONAL DIPLOMA IN COMPUTING

APPLICATION PROCEDURES

The intake for the HND Computing Programme is every May and November of the year.

STANDARDS OF ADMISSION

Pertinent documents should be submitted for assessment and verification.

CCCT will get the final approval from the accrediting authority (BDTVEC).

ENTRY REQUIREMENTS

- 4 'O' level credits in English Medium subjects (including English, Malay, and Mathematics) + 1 'A' level pass in an English Medium subject,
- OR
- BDTVEC National Diploma with acceptable grades,
- OR
- Other equivalent qualifications acceptable to BDNAC and BDTVEC,
- OR
- 4 'O' level credits + LCCI Level 3 diploma, **AND** Employment with Private or Public sector

RATIONALE & OBJECTIVES

To develop an awareness of the needs of information processing within an organization and to demonstrate the application of computer technology (ICT) in meeting the needs for information processing within Negara Brunei Darussalam

To equip the students with the skills, techniques, and strategies in order for them to be successful practitioners in the field of ICT.

CURRICULUM

Core Subjects:

Programming Concepts

This subject lays the foundations of good programming practice which includes program design, coding to standards, the importance of documentation, and the need for program maintenance.

Programming Practice

This subject involves learning and application of the C Programming Language, introduction to Microsoft Access, and Web Page Design.

Information Systems & Environment

This subject provides an essence of the basic functional areas of a business and the levels of information necessary to achieve organizational objectives.

Systems Analysis & Design

The emphasis of this unit is in the systems analysis and systems design phase of the systems development life cycle.

Statistical & Accounting Methods

The aim of this study is to enhance skills and understanding of financial controls and accounting procedures to enable the student to contribute effectively in organization and to apply the accounting decision making with the extensive use of information technology.

Computer Systems

This unit aims to develop an understanding of the basic structure and organization of a single user computer system.

Intro to Computer Communication

The aim of this course is to build up the foundation for computer networks and data communications by introducing basic communications and the fundamentals of computer networking.

Advanced Programming

This subject introduces the student to the principles of object-oriented programming using the Java Programming Language, or any other languages deemed suitable.

Database Management Systems

This study looks at database application development in an organizational and business context and investigates the relational DBMS used in developing the application.

Systems Design Project

This subject will require the student to utilize the knowledge and skills in designing and implementing a computer-based solution to a real problem.

Network Administration & Management

This unit will introduce to the students the fundamental and technical knowledge of network administration & management theories, statutes, and regulations.

Essential Subjects:

Computer Data Communications

This subject delivers to the students a more comprehensive and advanced concepts of computer data communications.

Computer Networks

The aim of this study is for students to gain a better understanding of network architecture and some common protocols like Internet TCP/IP and applications like Telnet, World Wide Web, etc.

Elective Subjects:

Software Engineering

This unit provides fundamental knowledge on software development principles.

Information Systems Design

This subject enables the students to systematically approach the design and implementation of computer-based systems.

Interface Design Principles

Thru this subject, students learn the appropriate use of colour, animation, screen metaphor, navigational devices, visual and audio feedback.

Multimedia Web Authoring Thru this subject, students learn to produce interactive web pages that have multimedia content.

Total Unit Hours: 1360Hours
Duration: 3 Years (Part- Time)
Time: 6pm-9pm