



**BACHELOR OF INFORMATION TECHNOLOGY
(Software Design and Development)**

COURSE BROCHURE

Bachelor of Information Technology (Software Design and Development)

Bachelor of Information Technology, Software Design and Development course is the best choice of education to achieve a comprehensive understanding and training in information technology especially in software design and development.

With our many successful years in the field of education, we have come up with a course structure spanning three years, that offers a comprehensive understanding in the proper combination of computing, logical and problem solving skills along with training in the precise techniques, tools and methodologies.

This will enable students to be able to understand the theories and issues in the design, development and implementation of software applications and to advance skills and knowledge for a better understanding about the subject of large-scale software systems development.

ENTRY CRITERIA

Successful Completion of Higher Secondary Education OR

Attainment of a Level 4 qualification in a related field OR

Attainment of a Level 4 Foundation Study Program approved for the specific Diploma program.

Completion of a Level 4 qualification (unrelated), and successful completion of an Cyryx University Preparation Program OR 20 years old, completion of secondary school, 2 years of relevant work experience, and successful completion of an Cyryx University Preparation Program

DURATION: 3 YEARS

CAREER OPPORTUNITIES

- Computer Programmer
- Software Engineer
- Software Manager
- Mobile Application Developer
- Web Developer
- Software Analyst

YEAR 1

- Financial Accounting
- Corporate Communication
- Discrete Mathematics
- Programming Principles
- Computer Networks
- Principles of Software Engineering
- Database Management Systems
- Introduction to Web Design

YEAR 2

- Programming in Java
- Desktop Application I
- Human Computer Interaction
- Leadership & Life Skills
- Research Methodologies
- Operating System Concepts
- Object Oriented Programming using C++
- Object Oriented Analysis & Design
- E-Commerce
- Project I

YEAR 3

- Advanced Java
- IT Project Management & Quality Assurance
- Desktop Application II
- Industrial Internship
- Cloud Computing Concepts
- Advanced Database Management System
- Fundamentals of the Constitution
- Project II



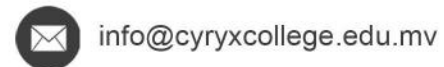
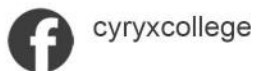
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