

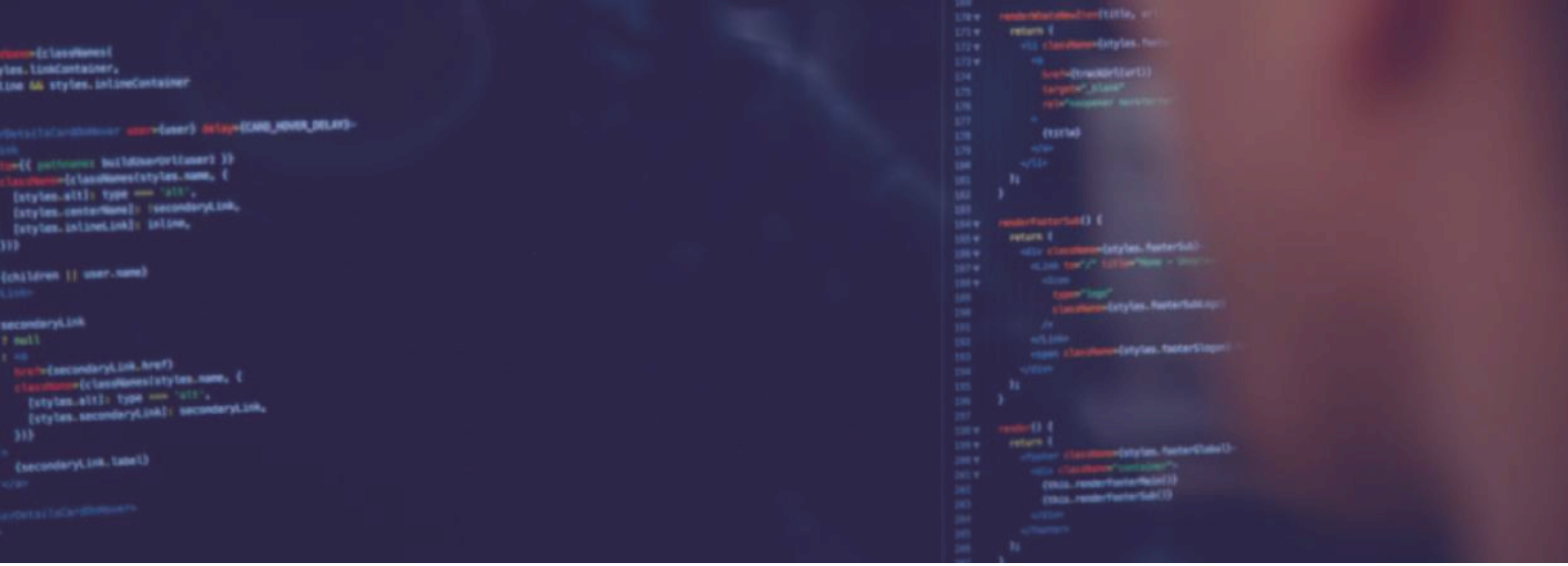
IT PROGRAMMING

courses4me

Would you like to speak to one of our course advisors for further information?

info@courses4me.com.au
www.courses4me.com.au

1300 100 008



Certificate in IT Programming

A comprehensive course to kickstart your career in IT and Programming

Change is fast and inevitable in the IT world. It is required that you obtain fundamental knowledge across a wide range of IT expertise and learn from professionals to stay relevant and keep up with this challenging yet rewarding industry.

The Advanced Certificate in IT Programming covers a wide range of practical subjects like programming languages, computer servicing, Internet and HTML, e-commerce and much more. Upon completion, you will acquire a solid foundation plus the capacity to adapt to change and future-proof a career in IT.

Did you know?

According to the latest government data, the next 5 years will see strong employment growth for Software and Applications Programmers, while ICT Managers are expected to see a strong boost.

About Us

Courses4me is the leader in online education with decades of experience in both public and private education. Our founders have a combined 30 years of expertise in education and training and have joined forces to deliver high-quality, low-cost education to anyone wishing to advance their career.



Accredited by  **ICOES**
International Accreditation

We are proud to announce that all our courses at Courses4Me are accredited by the International Council for Online Educational Standards (ICOES), a respected global organisation dedicated to ensuring the quality of online education. This prestigious accreditation signifies that Courses4Me has met the rigorous standards set by ICOES, solidifying our reputation for delivering excellence in online education worldwide. We are committed to providing high-quality courses and look forward to welcoming students from around the globe to our accredited programs.

Endorsement from  **IARC** | *Quality for Excellence in Education*

All online courses offered by Courses4me are fully endorsed by the International Approval and Registration Centre (IARC), a quality control system for education programs and courses in international education. Based in Queensland, Australia, the IARC's Committee Board of accomplished education professionals work to endorse quality education courses in the international market. The IARC endorsement ensures that Courses4me maintains a high level of respect in academic circles within a range of disciplines in Australia and beyond.

Course Overview



Duration / Study Method

The course will take approximately 600 hrs to complete.

The course is done completely online in your own time and from the comfort of your home. We offer self-paced learning and direct tutor support for each individual student.



Payment Methods

Pay for the course upfront and receive a discount or set up an interest free payment plan today from only \$25 per week



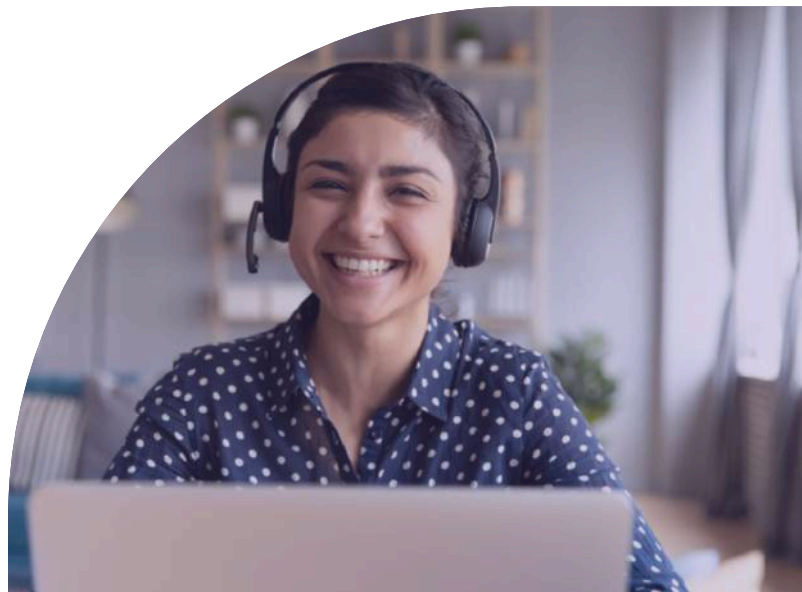
Assessments

Includes case studies, quizzes and written assessments, that are marked with personalised feedback. Problem based learning projects working one on one with your tutor.



Support

All students have unlimited access to their very own professional tutor over the phone or via email.



Career Opportunities

By earning this certificate, learners can confidently seek rewarding employment in various organisations, either as a/an:

- Software Developer
- Mobile App Developer
- IT Consultant
- Programmer

* some career outcomes may require further training and/or qualifications



ACCREDITED BY ICOES AND
FULLY ENDORSED BY IARC



NO PRIOR EXPERIENCE OR
CERTIFICATION NEEDED



FLEXIBLE PAYMENT PLAN
(FROM \$25 PER WEEK)



100% ONLINE, SELF-PACED
LEARNING COURSES



Core Modules

1. Computer Operations

- Hardware Components
- Peripherals
- Operating Systems
- Files & Folders
- Office Applications – Saving Files &
- Disk Management
- Installation Of Software
- Trouble Shooting
- Microsoft Word
- Microsoft Excel
- Microsoft Access

2. Writing a Web Site (HTML)

- Introduction to the Internet and HTML
- The most important HTML Tags
- Simplification through HTML Construction
- Software
- Creating Links
- Loading a Site onto the Internet
- Adding Graphics
- Designing a Web Site that Works
- Advanced Features

3. Visual Basic .Net Programming

- Introduction To Visual Basic
- Code Theory (Part 1)
- Code Theory (Part 2)
- Objects (Part 1)
- Objects (Part 2)
- Application Design

Core Modules

4. ASP.Net

- Introduction
- NET Essentials
- Web Forms
- Web Server Controls
- Form Validation
- Classes and Namespaces
- NET Applications
- Interacting with Databases
- Error Handling
- Email from Your Applications
- Project: Creating an Online Store

5. E-Commerce

- Introduction – what is e-commerce (more than the internet)
- Success and failure – what makes the difference
- Promotional strategies – are different on the internet
- Optimizing web site potential
- Increasing web site exposure
- Automating supply of goods, services and cash flow
- Managing constant change
- Dealing with e-commerce problems

6. SQL

- Introduction to Databases
- Fundamentals of SQL
- Building a database with SQL
- Storing & Retrieving Data
- Advanced SQL database access methods
- Database Security
- Using SQL in applications
- Cursors
- Stored procedures
- Error Handling
- Dynamic SQL
- Advice & Tips

7. Javascript

- Introduction
- JavascriptEssentials I
- Javascript Essentials 2
- Functions
- Events and Event handling
- Advanced Javascript
- Dynamic HTML
- Writing Simple Web Applications
- Pop Ups and Navigation Menus.
- Javascript Applications

8. Photoshop

- Learning the menus
- Working with digital image files
- Understanding the Tool Palette
- Using Layers, Actions and History
- Digital painting, shapes and colours
- Selecting, Resizing, Transforming and Masking
- Adjustments and modifications
- Adding Filters and Styles
- Preparing files for print and web

9. Computer Servicing I

- The Computer Workshop.
- Computer and Workshop safety.
- Hardware Components.
- Different Systems & Basic Disassembly.
- System Assembly.
- Peripherals.
- Installation of software.
- Computer Maintenance.
- Troubleshooting

10. Computer Servicing II

- Introduction to hardware components
- Basic Diagnostic Equipment
- Electric Circuits and Components
- Problem Solving and Fault Analysis
- Diagnostic Testing [A] (Self Tests and Diagnostic Cards)
- Diagnostic Testing [B] (System Board and Memory Tests)
- Software maintenance and troubleshooting
- Disk drives and CD-ROM
- Video and Audio Systems
- Developing a Maintenance Program

11. Computer Servicing III

- Removable storage
- Electronics
- Audio systems
- Video systems
- Laptops and other portable devices
- Diagnosis and regular maintenance
- Networking – an introduction
- The Internet
- Printers

12. Networking Foundations

- Networking Terms, Concepts and Standards
- Network Topology, Architecture and Transmission Media
- Network Components and Hardware
- Network Design and Planning
- Network Upgrading and Project Management
- Network Protection and Maintenance
- Understanding Network Connecting Options
- Installation and Configuration of Network
- Basic TCP/IP Services and Applications



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