NewBridge GRADUATE INSTITUTE

SCHOOL OF ENGINEERING, IT & DESIGN

Computer Programming and Web Development (Level 1)

Learn to code. Solve problems. Build digital solutions.

Programme | 1 Year Full-Time | International Certification Pathway

WHAT IS THIS PROGRAMME?

The Computer Programming and Web Development programme develops the coding, problem solving and technical skills needed to create software and digital solutions.

You'll gain practical experience across multiple programming languages and web technologies while building a strong foundation for future opportunities in software development and technology.

WHY CHOOSE THIS PROGRAMME?

1. Build in-demand programming and web development skills used across industries.
2. Develop practical coding experience through hands-on projects and real-world challenges.
3. Learn multiple programming languages and technologies that support future specialisation.
4. Prepare for globally recognised certification opportunities that strengthen your professional profile.

GRADUATE WITH PROOF.

Graduate with proof, not just a qualification, through NGI Accelerate, which enables you to build additional certifications and a stronger professional profile while you study.

CAREER OPPORTUNITIES

- Junior Computer Programmer
- Web Developer
- Database Administrator
- Systems Developer
- Systems Analyst
- IT Consultant
- Software Support Technician
- Technology Entrepreneur

IS THIS PROGRAMME RIGHT FOR YOU?

- Are you curious about how software and technology work
- Do you enjoy solving problems and thinking logically
- Do you want to learn practical coding skills
- Are you interested in web development and software development
- Do you enjoy building, creating and experimenting

NewBridge Graduate Institute is registered with the Department of Higher Education and Training as a private higher education institution under the Higher Education Act No. 101 of 1997. Registration no: 2001/HE07/003

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Apply online:
www.ngi.ac.za

Speak to an advisor

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KEY AREAS OF STUDY

- Programming in Python (PCEP)
- Python for Data Analytics 101
- Programming in HTML (WDE)
- Programming in C++ (CPE)
- Programming in Java Script (JSE)

SKILLS YOU'LL DEVELOP

- Programming
- Web Development
- Problem Solving
- Software Development
- Technical Project Skills
- Digital Literacy

ADMISSION REQUIREMENTS

Preferably Grade 12 or an equivalent qualification

OR

Applicants with aptitude and interest in computing may also be considered

Alternative admission pathways are available.

BAC Accredited
Recognised for internationally benchmarked quality.

NewBridge Graduate Institute is proud to be accredited by the British Accreditation Council (BAC), an internationally recognised independent body that accredits institutions meeting rigorous global standards of academic and operational excellence. This accreditation confirms NGI's commitment to delivering quality education and fostering a supportive learning environment.

For students and parents, this means the assurance of studying at a trusted, globally recognised institution. BAC accreditation affirms NGI's commitment to international standards of quality, strengthening confidence in the education students receive and supporting pathways to further study and career success locally and internationally.

This also aligns with NGI's existing positioning of BAC as an international accreditation that provides additional assurance of ***quality, governance and academic standards.***