STADIO
HIGHER EDUCATION

BACHELOR OF INFORMATION TECHNOLOGY IN WEB DESIGN AND DEVELOPMENT

NQF 7 | MIN. 375 CREDITS | SAQA ID: 117900 | MIN. 3 YEARS
MODE OF DELIVERY: CONTACT LEARNING

CAMPUSES	
BELLVILLE (CAPE TOWN)	CENTURION (PRETORIA)

DESCRIPTION

In this programme students will be equipped with knowledge of the most current industry standard and cutting edge web development technologies, including web-based marketing enabling them to become part of one of the fastest growing sectors of the creative industry. It relates closely to the knowledge economy where all individuals, companies and organisations depend on information for effective decision-making. The programme was designed around fundamental, conceptual and applied competence in this context. At the exit point the students will be able to design web sites including interactive designs and multi-media. A large portion of the programme consists of coding including developing in HTML, CSS, JavaScript, ASP and PHP. Furthermore, students will acquire knowledge of Mobile App development and database-supported web applications. Students will graduate with a cutting edge portfolio that will reward them in an excellent career in online/web-based communication. Career opportunities are extensive given that computer-based information systems are almost universal. Graduates are likely to find employment as a Website and applications developer, Games Developer, SEO Specialist, Social Media manager, and many more.

ADMISSION REQUIREMENTS

- a Senior Certificate (SC) with degree endorsement
- a National Senior Certificate (NSC) with a minimum of 50% in four 20-credit subjects and a minimum of 30% in English Home Language or First Additional Language; **OR**
- a National Senior Certificate – Vocational Level 4 (NC(V)) with a minimum of 60% in three fundamental subjects including English; and minimum 70% in four vocational subjects; **OR**
- a cognate Higher Certificate (NQF 5), Advanced Certificate (NQF 6) or Diploma (NQF 6).

ADDITIONAL ADMISSION REQUIREMENT

- A minimum of 50% for Mathematics
OR
- A minimum of 70% for Mathematical Literacy
OR
- A minimum of 50% for Information Technology (not CAT).

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OTHER ACCESS PATHWAYS

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MATURE AGE EXEMPTION

MINIMUM SYSTEM REQUIREMENTS

- Wi-Fi: Reliable broadband Internet access (Wi-Fi is available on all of our campuses, but you may prefer access from home as well).
- Web browser: Edge/Chrome/Safari/Opera/FireFox.
- Computer/Laptop: A current Windows or Apple Mac computer/laptop capable of running the Office 365 software. Office 365 includes Word, Excel, PowerPoint and Outlook.
- PDF Viewer: The free Adobe Acrobat software.
- Scanning documents: Ability to scan and upload documents (typically from your cellphone or smart phone).
- Email/cellphone for notification and communication.
- Communication: A cellphone or smartphone for receiving notifications and communication.

SCHOOL OF INFORMATION TECHNOLOGY

CURRICULUM OUTLINE

YEAR	1st YEAR	2nd YEAR	3rd YEAR
Compulsory (All)	Computational Thinking and Introduction to Programming CTIP152 (20 credits)	Data and Decision-making DDM162 (10 credits)	Content Management Systems CMS372 (15 credits)
	Induction to Business Studies IBS152 (10 credits)	Information Systems 2 INF262 (15 credits)	Information Systems 3 INF372 (15 credits)
	Information Security for IS Practitioners ISP152 (10 credits)	Statistics STA162 (10 credits)	Mobile Application Development A MADA372 (25 credits)
	Information Systems 1 INF152 (15 credits)	Web Animation Scripting WAS262 (15 credits)	Mobile Application Development B MADB372 (20 credits)
	Introduction to Databases IDB152 (10 credits)	Web Development 2A WEBA262 (20 credits)	Introduction to Research RES372 (15 credits)
	Introduction to Web Programming IWP152 (15 credits)	Web Development 2B WEBB262 (20 credits)	Web Development Project WDP371 (35 credits)
	Object Oriented Programming OOP152 (15 credits)	Web Development 2C WEBC262 (20 credits)	
	Web Design A WDA152 (15 credits)	Web Marketing WEBM262 (15 credits)	
	Web Design B WDB152 (15 credits)		
CREDITS PER YEAR	125	125	125

* Some of the modules are semesterised and will be communicated at Registration

CAREER OPPORTUNITIES

UX DESIGNER	WORDPRESS DEVELOPER
CONTENT MANAGER	SOCIAL MEDIA MANAGER
WEBSITE DEVELOPER	MOBILE GAME DEVELOPER
FRONT-END DESIGNER	SEO SPECIALIST/CONSULTANT
DATABASE DEVELOPER	WEB APPLICATION DEVELOPER