

2018 PRESCRIBED BOOK LISTS WITH * ESTIMATED PRICES

*Prices are provided by Van Schaik Bookstore and are subject to change. Herewith a link to their online store with the most recent prices: <https://www.vanschaik.com/> Version 2.0
June 2018

All prescribed books for modules offered in 2019 is under review, please consult the 2019 book list when available

Faculty:		Applied Science								
Department:		IT								
Qualification name:		Bachelor of Science in Computer Science								
YEAR 1										
Module Name	Module Code	Sem	Textbook title	Author	Edition	Publisher	Print ISBN	Print Price	eBook ISBN	eBook Price
Business English	SSBE111	1	No textbook							
Computer Science 1A	ITCS111	1 or 2	Foundations of Computer Science	Forouzan		Cengage Learning	9781408088418	R 677.50	9781473706132EB	R 485.00
Computer Skills	ITSK110	1	MyLab IT with eText	Gaskin		Pearson UK	Direct Purchase	TBC	No eBook	n/a
Generic Algorithm Design	ITGA111	1	Problem Solving & Programming Concepts: International Edition, 9/E	Sprankle	9	Pearson UK	9780273752219	R 903.50	9781292013978EB	R 826.00
Information Systems 1A	ITIS111	1	Fundamentals of Information Systems	Stair	9	Cengage Learning	9781305082168	R 702.50	9781473736580EB	R 522.00
Mathematics 1A	ITMT111	1	Calculus Early Transcendentals	Stewart	7	Cengage Learning	9780538498876	R 752.95	9781408089545EB	R 559.00
Software Development 1A	ITSD112	1	C++ Programming Design Including Data Structures	Malik	7	Cengage Learning	9781285852751	R 878.50	9781408090183EB	R 615.00
Advanced Information & Computer Skills	ITAS110	2	Navigating Information Literacy	Bothma	5	Pearson SA	9781776101818	R 450.50	9781776101634	TBC
Computer Science 1B	ITCS121	2	Systems Architecture	Burd	7	Cengage Learning	9781305080195	R 702.95	No eBook	n/a
Discrete Maths	ITDM121	2	Discrete Mathematics with Applications	Epp	4	Cengage Learning	9780495826163	R 727.95	No eBook	n/a
Information Systems 1B	ITHC121	2	Designing Interactive Systems: A Comprehensive Guide to HCI, UX & Interaction Design, 3/E	Benyon	3	Pearson UK	9781447920113	R 1 129.50	9781292013848	TBC
Mathematics 1B	ITMT121	2	Same as ITMT111 / Calculus Early Transcendentals	Stewart	8	Cengage Learning	9781305272378	R 752.95	TBC	TBC
Software Development 1B	ITSD122	2	Same as ITSD112							
Electives on discretion of Dean										
Introduction to Mathematics A	FPBM011	1	CU Intro to Maths Revised 2E PI/CTI	Various (Compiled text)	CU: 2	Pearson UK	9781782367970	R 688.50	No eBook	n/a
Mathematics for Degree Studies	FPMS021	2	Introduction to Mathematics for Degree Studies	Various (Compiled text)	CU	Pearson UK	9781782366553	R 819.95	No eBook	n/a
YEAR 1 TOTAL ESTIMATED PRICE: R										
YEAR 2										
Module Name	Module Code	Sem	Textbook title	Author	Edition	Publisher	Print ISBN	Print Price	eBook ISBN	eBook Price
Computer Science 2A	ITCS211	1	Raspberry Pi Computer Architecture Essentials	Dennis		Packt Publishing	9781784397975	R 918.50	No eBook	n/a
			Raspberry Pi development kit			RS-Components		TBC	No eBook	n/a
DataBases 2A	ITDB211	1	Database Systems: A Practical Approach to Design, Implementation, and Management, Global Edition, 6/E	Connolly	6	Pearson UK	9781292061184	R 988.50	9781292061849	TBC
Information Systems 2A	ITIS211	1	Systems Analysis and Design	Shelly	10	Cengage Learning	9781305494602	R 727.95	9781473744837EB	R 541.00
Software Development 2A	ITSD212	1	Same as ITSD112							
Choose 1 of the following two modules.										
Introduction to Financial Accounting	COIF111	1	AQS Questions for students	Cornelius & Weyers	2018	Lexis Nexis	9 780 409 128 611	TBC	9 780 409 126 532	TBC
Human Resource Management	COHR111	1	Basic Psychology for Human Resource Practitioners	Kruger	2	Juta & Co	9781485102755	R 500.50	9781485104711	TBC
Computer Science 2B	ITCS221	2	Computer Networking 7/E GE	Kurose	7	Pearson UK	9781292153599	R 846.95	9781292153605	TBC
DataBases 2B	ITDB221	2	Oracle 12c: SQL	Casteel		Cengage Learning	9781305251038	R 752.95	No eBook	n/a
Information Systems 2B	ITIS221	2	Information Technology Project Management	Schwalbe	7	Cengage Learning	9781285452340	R 727.95	9781473705616EB	R 541.00
Software Development 2B	ITSD222	2	Same as ITSD112							
YEAR 2 TOTAL ESTIMATED PRICE: R										
YEAR 3										
Module Name	Module Code	Sem	Textbook title	Author	Edition	Publisher	Print ISBN	Print Price	eBook ISBN	eBook Price
Project	ITPR300	Year	No textbook							
Software Development 3A	ITSD301	Year	Developing RESTful Services with JAX-RS 2.0, WebSockets, and JSON	Kalali		McGraw-Hill	9781782178125	R 882.95	No eBook	n/a
			Intro to Java Programming, Comprehensive Version, Global Edition, 11/E	Liang	11	Pearson UK	9781292221878	TBC	No eBook	n/a
Software Development 3B	ITSD303	Year	Electronic commerce	Schneider	12	Cengage Learning	9781305867819	R 727.95	9781473746985EB	R 541.00
			Learning PHP, MySQL & JavaScript: With JQuery, CSS & HTML5	Nixon	4	O'Reilly Media	9781491918661	R 952.95	No eBook	n/a
Computer Science 3A	ITCS311	1	Understanding Operating systems	Mchoes	8	Cengage Learning	9781305674257	R 733.95	No eBook	n/a
Information Systems 3A	ITIS311	1	Systems Analysis and Design in a Changing World	Satzinger		Cengage Learning	9781305117204	R 702.95	9781473737266EB	R 522.00
Information Systems 3B	ITIS320	2	No textbook							
Computer Science 3B	ITCS321	2	Principles of Information security	Whitman	6	Cengage Learning	9781337102063	R 790.00	TBC	TBC
YEAR 3 TOTAL ESTIMATED PRICE: R										