

2023 Prescribed Textbook List

- To avoid purchasing unnecessary textbooks, please refer to your module choices as per your enrolment agreement/contract.
- Take note of the textbooks that may be utilised across modules, so you don't purchase the same textbook twice.
- Note that textbook prices may differ between bookstores.
- *Newer editions of textbooks may be purchased.

Faculty: Information Technology **Qualification:** Bachelor of Science Honours in Information Technology (Robotics)

	Module Code	Module Name	Possible Start Date	Prescribed Textbook Title	Author(s)	Edition*	Publisher	Print ISBN	eBook ISBN
YEAR 2	Induction and Orientation Programme	STOIA1	B00 - n/a T00 - n/a	No Prescribed Textbook	n/a	n/a	n/a	n/a	n/a
	Business Objects Service Oriented Architecture	ITBSA4	B14 - 27 Jan 23 B21 - 21 Apr 23	Service-Oriented Architecture: Analysis and Design for Services and Microservices	Erl T	2	Pearson	9780133858587	9780133858693
	Pattern Recognition in Robotics	ITRRA4	B14 - 27 Jan 23 B21 - 21 Apr 23	Artificial Intelligence for Robotics: Build intelligent robots that perform human tasks using AI techniques	Francis X. Govers	L/E	Packt Publishing	9781788835442	n/a
	Data Mining and Data Administration	ITDAA4	B12 - 27 Jan 23 B23 - 21 Apr 23 B34 - 14 Jul 23	Data mining: The Textbook	Aggarwal. C.C.	1	Springer	9783319141411	9783319141428
	Research Methodology	CORMA4	B4S - 06 Oct 23 B34 - 14 Jul 23 B23 - 21 Apr 23 B12 - 27 Jan 23	Research Matters	Franzel du Plooy-Cilliers, Corne DAVIS and Rose-MARIE Bezuidenhout.	2	Juta & Co	9781485132103	9781485132110
	Digital Image Processing	ITDPA4	B34 - 14 Jul 23 B41 - 06 Oct 23	Understanding digital image processing	Tyagi, Vipin	2018	Taylor & Francis Group	9780367780821	9780134734804
	Research Project	ITRPA4	B34 - 14 Jul 23 B41 - 06 Oct 23	No Prescribed Textbook	n/a	n/a	n/a	n/a	n/a

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