

Computing Dept Booklist 2012-13

Course	Sem	Lecturer	Book	Status
COMP1126 Introduction to Computer Science I	Sem 1	Dr G.Mansingh	online	
	Sem 2	Dr G.Mansingh	online	
COMP1127 Introduction to Computer Science II	Sem 1	Mr C.Busby-Earle	online	
	Sem 2	Mr C.Busby-Earle	online	
COMP1220	Sem 1	Dr AG Hamilton-Taylor	Digital Planet: Tomorrow's Technology and You, Complete, latest Intl Ed	
	Sem 2	Dr AG Hamilton-Taylor	Beekman, ISBN: 9780132091534	HR
COMP1161 (was CS11R) Intro to Object-Oriented Programming	Sem 1	Mr E.Ferguson	Java Software Solutions: Foundations of Program Design, latest	P
	Sem 2	Mr E.Ferguson	John Lewis and William Loftus. Addison Wesley, 2008. ISBN-10: 0321532058	
COMP1210 Mathematics for Computer Science	Sem 1	Mr C.Beckford	Discrete Mathematics (latest Edition) by Richard Johnsonbaugh	P
	Sem 2		Prentice Hall. ISBN-10: 0131593188	
COMP2201 (was CS20S) Discrete Mathematics for Computer Science	Sem 1	Mr C.Beckford	Discrete Mathematics (latest Edition) by Richard Johnsonbaugh	P
			Prentice Hall. ISBN-10: 0131593188	
COMP2211 (was CS20R) Analysis of Algorithms	Sem 2	Dr C Coore	Computer Algorithms, latest ed Author : Sara Baase, Allen Van Gelder ISBN : 0-201-61244-5	P
			Introduction to Algorithms, Cormen, Thomas H.; Leiserson, Charles E.; Rivest, Ronald L. MIT Press and McGraw-Hill. ISBN 0-262-03141-8	HR
COMP2230 (was CS21R) Computer Architecture and Organization	Sem 2	Mr P.Gaynor	Structured Computer Organization by Andrew S. Tanenbaum, Sixth Edition	HR
			The Essentials of Computer Organisation and Architecture Linda Null and Julia Lobur, Jones and Bartlett Publishers.	HR
COMP2140 (was CS22Q) Software Engineering	Sem 1	Dr. E.K. Mugisa	Software Engineering by Ian Sommerville, latest ed * Publisher: Addison Wesley * ISBN-10: 0321313798	P
COMP2240 (was CS23Q) Computer Organization	Sem 2	Mr E.Ferguson	The Essentials of Computer Organization and Architecture Linda Null, Julia Lobour	P

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Course	Sem	Lecturer	Book	Status
			Jones & Bartlett Pub; latest edition, ISBN-13: 978-0763737696	
COMP2190 (new course) Net-Centric Computing	Sem 1		Computer Networking: A Top-Down Approach, 6/E James F. Kurose and Keith W. Ross, Addison Wesley, 2012, ISBN-13: 978-0132856201	P
INFO2180 (was COMP3180/CS24W) Web Design & Programming I	Sem 1	Mr David Bain	online	
COMP2170 (was CS28Q)	Sem 2	Dr. E.K. Mugisa	None	
COMP3100 (was CS31A) Operating Systems	Sem 1		Operating Systems Internals and Design Principles, 6th Ed Author: William Stallings ISBN-13: 978-0-13-600632-9	P
COMP3150 (was CS32Q) Computer Networking and Communication	Sem 1	Dr Daniel Fokum	Computer Networking: A Top-Down Approach 6/E James F. Kurose and Keith W. Ross, Addison Wesley, 2012, ISBN-13: 978-0132856201	P
COMP3160 (was CS32R) Computer & Network Security	Sem 2	Mr C.Busby-Earle	Computer Security: Principles and Practice (latest ed) William Stallings and Lawrie Brown Prentice Hall.	P
COMP3160 (was CS33Q) Introduction to Artificial Intelligence	Sem 1	Dr G.Mansingh	Artificial Intelligence: Modern Approach (latest ed) by Stuart J. Russell, Peter Norvig. Prentice Hall, ISBN 0131038052	P
COMP3651 (was CS34Q) Language Processors	Sem 1	Dr. D.Coore	Programming Language Processors in Java: Compilers and Interpreters. David A. Watt, Deryck F. Brown. Prentice Hall	HR
INFO3180 (was COMP3180/CS34W) Web Design & Programming II	Sem 2	Mr David Bain	online	
COMP3160 (was CS35A) Database Management Systems	Sem 2	Dr D. Fokum	Database Systems: The Complete Books (2nd Edition) H. Garcia-Molina, J. D. Ullman, and J. Widom, Prentice Hall, ISBN-13: 978-0131873254	P
COMP3110 (was CS35Q) Information Systems in Organisations	Sem 2	Mr C.Beckford	Management Information Systems: Managing The Digital Firm, latest ed Kenneth Laudon and Jane Laudon	P

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COMP3170 (was CS35R) User Interface Design	Sem 1	Dr AG Hamilton-Taylor	Interaction Design: Beyond Human-Computer Interaction, 3rd ed. Jennifer Preece, Yvonne Rogers, Helen Sharp. Wiley, 2010.	P
COMP3701 (was CS37R) Theory of Computation	Sem 2	Dr. D.Coore	Introduction to the Theory of Computation, latest ed. Michael Sipser. PWS Publishing	P
COMP3800 (was CS38Q) Real-Time Embedded Systems	Sem 1	Mr P.Gaynor	Embedded Systems Design, Author:Arnold Berger. ISBN: 9781578200733	P