

COMPUTER ENGINEERING COURSE EQUIVALENTS 1998 Edition

University of	Alberta	University of	f Calgary
98-Comp-Al EE 340 &	Electronics Electronics: Active Devices	ENEL 463	Electronic Devices and Circuits
EE 350 &	Electronics: Analog Circuits	& ENEL 465	Analog Integrated Electronics
EE 570	Large Signal and Pulse Circuits	& ENEL 565	Digital Integrated Electronics
98-Comp-A2 EE 280 & EE 380 & EE 480	Digital Systems Design Introduction to Digital Electronics Introduction to Microprocessors Advanced Digital Logic Design	ENEL 353 & ENEL 453	Digital Circuit Design Digital Systems Design
98-Comp-A3 EE 380	Computer Architecture Introduction to Microprocessors	ENEL 515	Processor Architecture
98-Comp-A4 CMPUT 201	Program Design and Data Stru Practical Programming Methodology	Computing for Engineers II	
& CMPUT 204	Algorithms I	& ENEL 495	Data Structuresfor Engineers
98-Comp-A5 CMPUT 379	Operating Systems Operating System Concepts I	ENEL 597	Operating Systems for Engineers
98-Comp-A6 CMPE 313	Software Engineering Software Engineering	ENEL 553	Engineering Software Engineering

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98-Comp-B1 CMPE 382	Advanced Computer Architect Computer Organization and Architectures	ture	No Course Equivalent
98-Comp-B2 EE 653	Principles of VLSI Integrated Circuit Design	ENEL 567	CMOS VLSI Engineering
98-Comp-B3 CMPUT 291 & CMPUT 391	Data Bases and File Systems Introduction to File and Database Management Database Management Systems	CPSC 461 & CPSC 471	File Processing Data Base Management Systems
98-Comp-B4 CMPUT 301 & CMPUT 431	Computer Graphics User Interfaces and Software Design Introduction to Computer Graphics	ENEL 555	Visualization Methods for Engineers
98-Comp-B5 CMPUT 313	Computer Communications Telecommunications and Computers	CPSC 441	Computer Communications
98-Comp-B6 EE 462 & EE 565	Control Systems for Comp. Eng. Introduction to Robotics	cs ENEL 541 & ENMF 505	Control Systems II Robotics
98-Comp-B7 EE 438 & EE 539	Digital Signal Processing Introduction to Signal Theory and Processing Digital Filter Design and Implementation	ENEL 593	Digital Filters
98-Comp-B8	Computer Integrated Manufac No Course Equivalent	turing ENMF 415 & ENMF 509	Integrated Manufacturing Systems I Integrated Manufacturing Systems II

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98-Comp-B9 Artificial Intelligence and Expert Systems					
CMPUT 366	Artificial Intelligence Applications	CPSC 533	Artificial Intelligence		
98-Comp-B1	0 Distributed Systems				
	No Course Equivalent		No Course Equivalent		
98-Comp-B1	1 Advanced Software Design				
CMPE 313 &	Software Eng.	CPSC 550	System Software Design and Development		
CMPUT 560	Software Eng.		Development		

Revised April 2005