

CIQS - BC SYLLABUS: BCIT MATRIX COMPARISON

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CIQS SYLLABUS		BCIT BRIDGING COURSES		BCIT ABT PROGRAM - PART TIME STUDIES COURSES		BCIT CEC PROGRAM		BCIT ABT PROGRAM - FULL TIME EQUIVALENT COURSES		BCIT CONSTRUCTION MANAGEMENT PROGRAM	
Level 100:		Level 100:		Level 100:		Level 100:		Level 100:		Level 100:	
C101	Construction Science	BLDT 2041	Basic Construction Design Principals	CIVL 1120 BLDC 3050	Statics Building Envelope Performance			BLDG 1600 BLDG 2100 BLDG 4200	Building Structures I Intro. To Bldg Science Construction 4 (Acoustics added into course)		
A102	Construction Technology I	BLDT 2051	Construction Materials & Assembly	BLDC 1050	Materials & Methods I	BLDC 1050	Materials & Methods 1	BLDG 1050	Construction Materials and Processes I		
A103	Measurement of Construction Work I	BLDT 1041	Basic Estimating with Computer Applications	DRFT 1000 BLDC 1300 BLDC 1205	Arch. Drafting Estimating I Construction 1B	BLDC 1300 BLDT 1041	Estimating 1 Basic Estimating w/Computer Appl'ns.	BLDG 1000 BLDG 2305	Building Drafting Estimating 1 (renamed & merged w/3300)		
A104	Surveying Principals & Applications	SURV 5108	Fundamentals of Surveying	BLDC 1200,1205 BLDC 2200,2205	Construction 1A & 1B Construction 2A & 2B	BLDT 1021 BLDC 1050 CIVL 3230	Construction Drawings Materials & Methods 1 Civil Construction Estimating	BLDG 1200	Construction 1 (Survey Skills added here)		
C105	Introduction to Computers	BLDT 1071	Introduction to Computers in Construction					BLDG 3450	Computer Applications for Buildings (moved to 2nd yr)		
C106	Economics I			BLDC 2150	Intro. To Construction Economics	ECON 1150	Economic Issues	BLDG 2150	Intro. To Economics for Buildings	CMGT 7330	Finance for Construction Managers
C107	Introduction to Canadian Business Law	BLDT 2011	Construction Documents & Contracts	BLDT 2011	Construction Documents & Contracts			BLDG 3251	Construction Contracts	CMGT 7420	Construction Law
C108	Basic Business & Technical Communications	BLDT 1051	Technical Writing & Communication Skills	COMM 1103 COMM 1106	Intro. To Business Technical Communications	BLDT 1051 COMM 1103	Technical Writing & Communication Intro to Business & Technical Comm.	COMM 1140	Technical Communications for Buildings I	CMGT 7535 CMGT 7800 CMGT 7840 CMGT 8700	Leadership & Interpersonal Skills Project Reports Technical Presentations Project Proposals
Level 200:		Level 200:		Level 200:		Level 200:		Level 200:		Level 200:	
A201	Construction Technology II			BLDC 2050	Materials & Methods II	BLDC 2050	Materials & Methods 2	BLDG 2050	Construction Materials and Processes II		
A202	Measurement of Construction Work II	BLDT 2091	Construction Estimating			BLDC 2300	Estimating 2	BLDG 2305	Estimating 1 (renamed & merged w/2300)		
C203	Construction Cost Accounting							BLDG 4050	Economics - Construction Operations II	CMGT 7330	Finance for Construction Managers
C204	Construction Contracts			BLDT 2011	Construction Documents & Contracts	BLDT 2011	Construction Documents & Contracts	BLDG 3251	Construction Contracts	CMGT 7420	Construction Law
C205	Construction Management	BLDT 2021	Basic Project Management Skills					BLDG 4050	Economics - Construction Operations II	CMGT 7100	Project Controls I
C206	Economics II							BLDG 3050	Economics - Construction Operations I	CMGT 7330	Finance for Construction Managers
A207	Construction Technology III			BLDC 2050	Materials & Methods II	BLDC 3150	Materials & Methods 3	BLDG 2050 ELEX 1810 MSYS 3880	Construction Materials and Processes II Electrical Systems HVAC Systems		
A208	National Building Code			BLDG 1830 BLDC 1200,1205	BCBC Part 3 Intro Technical 1A & 1B	BLDC 1500 BLDC 1825	BC Building Code Part 9 BC Building Code Part 3	BLDG 1200 BLDG 4500	Building Construction I Codes & Regulations		
Level 300:		Level 300:		Level 300:		Level 300:		Level 300:		Level 300:	
A301	Measurement of Construction Work III					BLDC 3300	Estimating 3	BLDG 4250	Construction Specs.		
A302	Measurement of Construction Work - Practical Exam			BLDG 3840	Computer Construction Estimating	BLDC 3400	Pricing & bidding	BLDG 3305	Estimating 2 (4303 merged w/3300 & renamed)		
A303	Pricing & Bidding Procedures					BLDC 3400	Pricing & bidding	BLDG 3305 BLDG 4305	Estimating 2 (3300 renamed and merged w/4303) Computer Based Estimating		
C304	Contract Administration			BLDT 2011	Construction Documents & Contracts			BLDG 3251	Construction Contracts	CMGT 7420	Construction Law
C305	Construction Cost Control							BLDG 4050	Economics - Construction Operations II	CMGT 8435	Construction Enterprise Management
C306	Measurement & Pricing of Civil Works					CIVL 3230	Civil Construction Estimating	CMGT 7110	Project Controls II	CMGT 7100	Project Controls I
C307	Construction Scheduling	BLDT 2061	Computer Applications in Construction			BLDT 2061	Computer Applications in Construction	BLDG 4400	Computer Applications in Construction Mgmt.	CMGT 8040	Building - Civil Services
C308	Cost Planning							BLDG 2150 BLDG 3050	Intro. To Economics Economics - Construction Operations I	CMGT 7100	Project Controls I
C309	Development Economics							BLDG 2150 BLDG 3050 BLDG 4050	Intro. To Economics Economics - Construction Operations I Economics - Construction Operations II	CMGT 8050	Budgeting/ Conceptual Estimating

***Under the CIQS accredited Quantity Surveying Program - to meet Part (A) Academic Requirements of the PQS route, candidates need to have the following criteria:**

- Completed the ABT program in either Construction Operations or Construction Economics
- Complete the CMGT degree program with all three QS electives - Civil Measurement, Conceptual Estimating and Risk Management (note: Risk Management is a stand-alone BCIT course of which there is currently no equivalent CIQS course)