

British Columbia Institute of Technology (BCIT)

(please note that all exemptions are under review, and may change without notice)

Students (not necessarily graduates) of the Bachelor of Technology in Geomatics of BCIT shall be exempted from writing the following examinations if they have passed the courses outlined below with an **average grade of at least 60%**

CBEPS EXAM	EFFECTIVE DATES	BCIT COURSE MATRIX
C1- Mathematics	May 31, 2001 to May 1, 2021	MATH 1511 Technical Mathematics for Geomatics MATH 2511 Calculus for Surveying MATH 3511 Matrix Methods for Survey MATH 4511 Statistics for Survey (<i>or Statistics for Geomatics</i>)
C2 - Least-Squares Estimation and Data Analysis	May 31, 2001 to May 30, 2006	SURV 4663 Adjustment of Survey Measurements SURV 1164 Field Surveying I SURV 1161 Surveying Computations I SURV 2261 Surveying Computations II
	May 8, 2006 to August 24, 2013	SURV 4663 Adjustment of Survey Measurements
	May 2, 2005 to August 24, 2008	GEOM 8352 Advanced Topics in Adjustments and Statistical Testing
	August 25, 2008 to May 1, 2021	GEOM 8353 Special Topics in Adjustments (<i>renumbered GEOM 6140 Advanced Topics in Precision Surveying, January 2018</i>)
C3 - Advanced Surveying	May 31, 2001 to May 30, 2006	SURV 3362 Geodetic Positioning I SURV 4462 Geodetic Positioning II
	May 2, 2005 to August 24, 2008	GEOM 8362 High Precision Surveying
	August 25, 2008 to May 1, 2021	GEOM 8363 Advanced Topics in Precision Surveying (<i>renumbered GEOM 7150 Advanced Topics in Precision Surveying, fall 2017</i>)
C4 – Coordinate Systems and Map Projections	May 2, 2005 to May 1, 2010	SURV 3363 Mathematical Cartography SURV 3350 Thematic Mapping 1 SURV 4450 Thematic Mapping 2
	May 8, 2006 to May 7, 2011	SURV 3363 - Mathematical Cartography SURV 1163 Surveying CAD 1 SURV 3365 Surveying CAD 2 SURV 4473 Surveying CAD 4
	May 2, 2005 to May 1, 2010	GEOM 7307 Advanced Digital Mapping
	May 2, 2011 to May 1, 2013	SURV 3363 Mathematical Cartography & SURV 3366 Geodesy I
	May 1, 2013 to May 1, 2021	SURV 3363 Mathematical Cartography & GEOM 7362 Geodetic Positioning I

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C5 – Geospatial Information Systems	December 1, 2006 to November 30, 2011	GEOM 7132 Spatial Database Systems I GEOM 8132 Spatial Database Systems II
	May 2, 2011 to May 1, 2014	GEOM 7101 Land Information Systems GEOM 7132 Spatial Database Systems I GEOM 8132 Spatial Database Systems II
	May 2, 2014 to May 1, 2021	SURV 4480 Introduction to GIS GEOM 7101 Land Information Systems (<i>renumbered to GEOM 5105</i>)
C6 - Geodetic Positioning	May 2, 2005 to May 1, 2011	GEOM 7301 Satellite Positioning I (<i>or GEOM 8162 Geodetic Positioning II after Jan. 1, 2011</i>) GEOM 7362 Geodesy II (<i>or GEOM 7362 Geodetic Positioning I after Jan. 1, 2011</i>) GEOM 8310 Hydrographic Surveying and Oceanography
	May 2, 2011 to May 1, 2021	GEOM 7362 Geodetic Positioning I (<i>renumbered GEOM 5120 Geodetic Positioning I</i>) GEOM 8162 Geodetic Positioning II (<i>renumbered GEOM 6120 Geodetic Positioning II</i>)
C7 - Remote Sensing and Photogrammetry	May 31, 2001 to May 30, 2006	SURV 2267 Photogrammetry SURV 3368 Introduction to Digital Mapping & Remote Sensing GEOM 7307 Advanced Digital Mapping GIST 8118 Remote Sensing
	May 2, 2005 to May 1, 2010	SURV 2267 Photogrammetry 1 SURV 3351 Digital Mapping 1 SURV 3387 Photogrammetry for Digital Mapping 1 SURV 4451 Digital Mapping 2 SURV 4487 Photogrammetry for Digital Mapping 2
	December 1, 2006 to November 30, 2011	SURV 2267 Photogrammetry GEOM 7307 Advanced Digital Mapping GIST 8118 GIS Remote Sensing
	May 2, 2011 to May 1, 2021	GEOM 7307 Advanced Digital Mapping (<i>renumbered GEOM 8165 Advanced Digital Mapping</i>) GIST 8118 GIS Remote Sensing (<i>renumbered GEOM 8185 GIS Remote Sensing</i>)
C8 - Cadastral Studies	May 31, 2001 to May 1, 2019	GEOM 7330 Cadastral Surveys and Land Registration Systems (<i>renumbered GEOM 7155 Cadastral Surveys and Land Registration Systems</i>)
C9 - Survey Law	May 31, 2001 to May 1, 2014	GEOM 8332 Survey Law
	January 2, 2015 to May 1, 2020	GEOM 7330 Cadastral Surveys and Land Registration Systems GEOM 8332 Survey Law (<i>renumbered GEOM 8175 Survey Law</i>)
C10 - Land Use Planning and Economics of Land Development	May 2, 2005 to May 1, 2021	GEOM 7350 Land Use Planning (<i>renumbered GEOM 5115 Land Use Planning</i>)

C11 - Business Practices and the Profession	May 2, 2005 to May 1, 2016	BUSA 7250 Management Skills and Applications BLAW 3100 Business Law ECON 1150 Economic Issues
	May 2, 2016 to May 1, 2021	BUSA 7250 Management Skills and Applications BLAW 3100 Business Law ECON 1150 Economic Issues GEOM 7330 Cadastral Surveys and Land Registration Systems (<i>renumbered GEOM 7155 Cadastral Surveys and Land Registration Systems</i>)
C12 - Hydrographic Surveying	May 2, 2005 to May 1, 2021	GEOM 8310 Hydrographic Surveying and Oceanography (<i>renumbered GEOM 8195 Hydrographic Surveying</i>)
E1 - Spatial Databases & Land Information Systems	May 2, 2016 to May 1, 2021	SURV 4480 Introduction to GIS GEOM 7101 Land Information Systems GEOM 7132 Spatial Database Systems 1 GEOM 8132 Spatial Database Systems 2