

CANADIAN BOARD OF EXAMINERS FOR PROFESSIONAL SURVEYORS

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EXEMPTION POLICY FROM WRITING CBEPS EXAMINATIONS

Introduction

Exemptions to writing some or all CBEPS examinations are granted to candidates who have graduated from an accredited University degree program or from a Technical Institute diploma program that has been granted equivalencies.

Universities:

- University exemptions are based on the program accreditation carried out by the Canadian Council of Land Surveyors
- In order to receive an exemption a candidate must have graduated from the program and obtained their degree.

Technical Institutes:

- Exemptions to CBEPS examinations for graduates of technical colleges are generally based upon the results of an application by the college to the CBEPS for equivalencies. Upon review of the application, the CBEPS can exempt graduates of the colleges programs from writing certain Schedule I and II examinations.
- Equivalencies granted to colleges are valid for 5 years from the effective date unless there are substantial course changes.
- Unless mentioned otherwise, in order to receive an exemption, the minimum pass mark on any required single course is 60% and where more than one course is required for the equivalent CBEPS examination, the average of the marks must be 60% or more.

All candidates who have graduated from a surveying or geomatics program at an accredited university or technical college that has been granted equivalencies five years or longer prior to making application for CBEPS exemptions will be evaluated on a case-by-case basis. The information to be provided to the Registrar in order to allow the CBEPS to make such an evaluation is outlined in the application policy.

The Board may exempt a candidate from writing an examination in any subject set out in Schedules I and II, if the candidate demonstrates to the satisfaction of the Board that the candidate has sufficient knowledge to be eligible for such an exemption.

Universities and Technical Institutes having received accreditation

The following tables list universities and technical colleges whose graduates are exempt from some or all CBEPS Schedule I and/or II examinations. The tables, under each institute, list exempted examinations, effective date of the exemption, the necessary course or courses that the candidate must have taken at the institute and finally lists whether the course is within the institute's degree or diploma program. In general, the CBELS Evaluation Committee will approve exemptions if courses are taken up to five years prior the listed Effective Dates.

University of Calgary (U of C): Graduates of U of C’s Geomatics Engineering program shall be exempted from writing all Schedule I and II examinations provided they have passed the elective courses outlined on the following matrix:

CBEPS EXAM	EFFECTIVE DATE	EQUIVALENT COURSE	PROGRAM
Schedule II -3 Survey Law	August 31, 2005	ENGO 579 – Survey Law	Degree
Schedule II – 2 Hydrographic Surveying and Oceanography	August 31, 2005	ENGO 545 – Hydrography	Degree
Schedule II - 4 Land Use Planning and Environmental Planning	August 31, 2005	ENGO 581 – Land Use Planning	Degree
Schedule II - 6 Business: Law, Administration and Economics	August 31, 2005	BFEN 395 – Business Law For Strategic Decision Makers	Degree

University of New Brunswick (UNB): Graduates of UNB’s Geomatics Engineering program shall be exempted from writing all Schedule I and II examinations if they have taken the “Cadastral” option (this is mentioned on the candidate transcript). If not, they are required to write examinations II-3 and II-4. The accreditation ends on September 1, 2007.

Northern Alberta Institute of Technology (NAIT): Graduates of NAIT’s Geomatics Engineering Technology program shall be exempted from writing the following examinations:

CBEPS EXAM	EFFECTIVE DATE	NAIT COURSE MATRIX	PROGRAM
Schedule I-1 Mathematics	October 29, 2002	EXEMPTED	Diploma
Schedule I-3 Advanced Surveying	October 29, 2002	EXEMPTED	Diploma
Schedule I-6 Map Projections and Cartography	October 29, 2002	EXEMPTED	Diploma

Graduates of NAIT’s Geomatics Engineering Technology program shall be exempted from writing the following examinations if they have passed the courses outlined hereon with an **average grade of at least 60%:**

CBEPS EXAM	EFFECTIVE DATE	NAIT COURSE MATRIX	PROGRAM
Schedule I-2 Least Square Estimation & Data Analysis	December 5, 2005	GET 421 Geodesy GET 411 Field Methods IV ASM 332 Technical Mathematics II	Diploma
Schedule II-1 Geodetic Positioning	December 5, 2005	ASP 176 Physics GET 211 Field Methods II GET 311 Field Methods III GET 225 Global Positioning Systems GET 421 Geodesy	Diploma

Schedule II-4 Land Use Planning & Environmental Management	December 5, 2005	GET 431 Subdivision Planning GET 241 Photogrammetry	Diploma
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Southern Alberta Institute of Technology (SAIT): Graduates of SAIT's Geomatics Engineering Technology program shall be exempted from writing the following examinations:

CBEPS EXAM	EFFECTIVE DATE	SAIT COURSE MATRIX	PROGRAM
Schedule I-1 Mathematics	October 29, 2002	If took the 'Surveying' or 'Mapping' options	Diploma
Schedule I-2 Least Squares Estimation and Data Analysis	October 29, 2002	If took the 'Surveying' or 'Mapping' options	Diploma
Schedule I-3 Advanced Surveying	October 29, 2002	If took the 'Surveying' option	Diploma
Schedule I-4 Applied Photogrammetry & Remote Sensing	October 29, 2002	If took the 'Mapping' option	Diploma
Schedule I-6 Map Projections and Cartography	October 29, 2002	If took the 'Surveying' or 'Mapping' options	Diploma

Red River College (RRC): Graduates of RRC's Geomatics Technology program shall be exempted from writing the following examinations if they have passed the courses outlined hereon with an **average grade of at least 60%:**

CBEPS EXAM	EFFECTIVE DATE	RRC COURSE MATRIX	PROGRAM
Schedule I -1 Mathematics	May 21, 2004	CIV-2102 – Algebra and Trigonometry CIV-2202 - Calculus & Statistics	Diploma
Schedule I - 3 Advanced Surveying	May 21, 2004	CIV-2107 - Surveying CIV-2233 - Theory & Use CIV-2235 - Survey Computations CIV-2247 - Roadway Design 1 CIV-2335 - Survey Computations CIV-2336 – Control Surveys CIV-2347 - Roadway Design 2	Diploma
Schedule I - 7 Cadastral Studies	May 21, 2004	CIV-2333 - Legal Surveys	Diploma
Schedule II - 3 Survey Law	May 21, 2004	CIV-2333 -Legal Surveys	Diploma
Schedule II - 5 Land Information Systems	May 21, 2004	CIV-2234- Fundamentals of GIS CIV-2334 - Remote Sensing & Digital Photo	Diploma

Schedule II - 6 Business: Law, Administration and Economics	May 21, 2004	CIV- 2201 - Project Administration CIV-2301 - Economics/Management CIV-2333 - Legal Surveys	Diploma
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British Columbia Institute of Technology (BCIT):

Graduates in the **two-year Diploma** of Technology program up to **May of 2004** shall be exempted from the following examinations if **grade average of 60%** over the shown courses:

CBEPS EXAM	EFFECTIVE DATE	BCIT COURSE MATRIX	PROGRAM
Schedule I –1 Mathematics	May 31, 2001	MATH 1511 - Technical Mathematics for Geomatics MATH 2511 - Calculus for Surveying MATH 3511 - Matrix Methods for Survey MATH 4511 - Statistics for Survey	Diploma
Schedule I –2 Least Squares Estimation and Data Analysis	May 31, 2001	SURV 4663 – Adjustment of Surveying Measurements SURV 1164 – Field Surveying 1 SURV 1161 – Surveying Computations 1 SURV 2261 – Surveying Computations 2	Diploma
Schedule I - 3 Advanced Surveying	May 31, 2001	SURV 3362 – Geodetic Positioning 1 SURV 4462 – Geodetic Positioning 2	Diploma
Schedule I – 6 Map Projections and Cartography	May 31, 2001	SURV 3363 - Mathematical Cartography	Diploma

Graduates in the **three-year Diploma** of Technology program up to **May of 2004** shall be exempted from the following examinations if **grade average of 60%** over the shown courses:

CBEPS EXAM	EFFECTIVE DATE	BCIT COURSE MATRIX	PROGRAM
Schedule I –4 Applied Photogrammetry & Remote Sensing	May 31, 2001	SURV 2267 – Photogrammetry I SURV 3368 – Introduction to Digital Mapping & Remote Sensing GEOM 7307 – Advanced Digital Mapping GIST 8118 – Remote Sensing	Diploma
Schedule I –7 Cadastral Studies	May 31, 2001	GEOM 7330 – Cadastral Surveys & Land Registration Systems	Diploma
Schedule II –3 Survey Law	May 31, 2001	GEOM 8332 – Survey Law	Diploma

Students (not necessarily graduates) of the Bachelor of Technology in Geomatics of BCIT in 2004 or after shall be exempted from writing the following examinations if they have passed the courses outlined hereon with an **average grade of at least 60%**:

CBEPS EXAM	EFFECTIVE DATE	BCIT COURSE MATRIX	PROGRAM
Schedule I –1 Mathematics	May 2, 2005	MATH 1511 - Technical Mathematics for Geomatics MATH 2511 - Calculus for Surveying MATH 3511 - Matrix Methods for Survey MATH 4511 - Statistics for Survey	Diploma
Schedule I –2 Least Squares Estimation and Data Analysis	May 2, 2005	GEOM 8352 - Advanced Topics in Adjustments and Statistical Testing OR SURV 4663 Adjustment of Survey Measurements	Degree Diploma
Schedule I - 3 Advanced Surveying	May 2, 2005	GEOM 8362 - High Precision Surveying	Degree
Schedule I - 4 Remote Sensing and Applied Photogrammetry	May 2, 2005	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	Diploma
Schedule I – 6 Map Projections and Cartography	May 2, 2005	SURV 3363 - Mathematical Cartography SURV 3350 - Thematic Mapping 1 SURV 4450 - Thematic Mapping 2 OR SURV 3363 - Mathematical Cartography SURV 1163 – Surveying CAD 1 SURV 3365 - Surveying CAD 2 SURV 4473 - Surveying CAD 4 OR GEOM 7307	Diploma Diploma Degree
Schedule I - 7 Cadastral Studies	May 2, 2005	GEOM 7330 - Cadastral Surveys and Land Registration Systems	Degree
Schedule II – 1 Geodetic Positioning	May 2, 2005	GEOM 7301 - Satellite Positioning 1 GEOM 7362 - Geodesy 2 GEOM 8310 - Hydrographic Surveying and Oceanography	Degree
Schedule II – 2 Hydrographic Surveying and Oceanography	May 2, 2005	GEOM 8310 - Hydrographic Surveying and Oceanography	Degree
Schedule II – 3 Survey Law	May 2, 2005	GEOM 8332 - Survey Law	Degree
Schedule II – 4 Land Use Planning and Environmental Planning	May 2, 2005	GEOM 7350 - Land Use Planning	Degree

Schedule II – 6 Business: Law, Administration and Economics	May 2, 2005	BUSA 7250 Management Skills and Applications BLAW 3100 Business Law ECON 1150 Economics	Degree
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College of the North Atlantic (CoNA): Graduates of CoNA shall be exempted from writing the following examinations if they have passed the courses outlined hereon with an average **grade of at least 60%**:

CBEPS EXAM	EFFECTIVE DATE	CoNA COURSE MATRIX	PROGRAM
Schedule I - 4 Remote Sensing and Applied Photogrammetry	September 2001	SU 2500 Photogrammetry & SU 1570 Remote Sensing	Diploma
Schedule I – 5 Spatial Data Base Management Systems (Informatics)	September 2001	Items I-5, I-6 & II-5 are considered together so exemption is granted for all three items if candidate earned at least 70% in all of the equivalent courses at CoNA. SU 1530 Digital Mapping	Diploma
Schedule I – 6 Map Projections and Cartography	September 2001	Items I-5, I-6 & II-5 are considered together (see I–5). SU 1500 Cartography & SU 3300 Geodesy & Map Projection	Diploma
Schedule II – 4 Land Use Planning and Environmental Planning	September 2001	CA 2900 Municipal Engineering, EN 1100 Environmental Science, & GE 1200 Geology	Diploma
Schedule II - 5 Land Information Systems	September 2001	Items I-5, I-6 & II-5 are considered together (see I–5). SU 1440 GIS I & SU 1441 GIS II	Diploma

College of Geographic Sciences (COGS): Graduates of COGS shall be exempted from writing the following examinations if **they** have passed the courses outlined hereon with an average **grade of at least 60%**:

CBEPS EXAM	EFFECTIVE DATE	COGS COURSE MATRIX	PROGRAM
Schedule I –2 Least Squares Estimation and Data Analysis	September 2000 September 2001 to 2003	GETG 1001 Statistics & GETG 1010 Adjustments OR GETG 5001 Statistics & GETG 6010 Adjustments	Diploma
Schedule I - 3 Advanced Surveying	September 2000 to 2003	With subject II.1	Diploma

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Schedule I – 5 Spatial Data Base Management Systems (Informatics)	September 2000 to 2003	With subject II.5	Diploma
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Schedule I – 6 Map Projections and Cartography	September 2000 September 2001 September 2002 & 2003	SUTN 1003 Mapping Concepts, SUTN 1009 Digital Mapping & Projections, & GETG 1002 Geodesy & Map Projections OR SUTN 1003 Mapping Concepts, SUTN 1009 Digital Mapping & Projections, & GETG 5002 Geodesy & Map Projections OR SUTN 1003 Mapping Concepts, SUTN 2009 Digital Mapping & Projections, & GETG 5002 Geodesy & Map Projections	Diploma
Schedule I - 7 Cadastral Studies	September 2001 September 2002 & 2003	With subject II.3 OR SUTN 1013 Legal Principles & GETG 6020 Surveying Profession	Diploma

Schedule II – 1 Geodetic Positioning	September 2000 September 2001 September 2002 & 2003	SUTN 1007 Surveying 2, SUTN 1017 Astronomy & GPS, GETG 1002 Geodesy & Map Projections, GETG 1024 The Global Positioning System, GETG 1028 Fieldwork III, & GETG 1032 Survey Methods OR SUTN 1007 Surveying 2, SUTN 1019 Astronomy & GPS, GETG 5002 Geodesy & Map Projections, GETG 5024 GPS, GETG 6028 Fieldwork II, & GETG 6032 Survey Methods OR SUTN 2019 Astronomy & GPS, GETG 5002 Geodesy & Map Projections, GETG 5024 GPS, GETG 5027 Fieldwork I, GETG 6028 Fieldwork II, & GETG 6032 Survey Methods	Diploma
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Schedule II - 3 Survey Law	September 2000 September 2001 September 2002 & on	SUTN 1013 Legal Principles, & GETG 1020 Survey Profession OR SUTN 1013 Legal Principles, & GETG 6020 Survey Profession No exemption	Diploma
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Schedule II - 5 Land Information Systems	September 2000	SUTN 1009 Digital Mapping & Projections, GETG 1002 Geodesy & Map Projections, & GETG 1030 Geographic Information Systems OR	Diploma
	September 2001	SUTN 1009 Digital Mapping & Projections, GETG 5002 Geodesy & Map Projections, & GETG 5030 Geographic Information Systems OR	
	September 2002 & 2003	SUTN 2009 Digital Mapping & Projections, GETG 5002 Geodesy & Map Projections, & GETG 5030 Geographic Information Systems	