



SECONDARY SCHOOL MATH ENTRANCE REQUIREMENTS ALL PROGRAMS

Program Name	Selkirk College Minimum Requirements	Selkirk College Recommended Requirements	Industry Training Authority (ITA) Requirements	Selkirk College Math Requirement (as of September 2013)
Access to Practical Nursing (APN)	Grade 12 graduation or GED Vancouver Community College (VCC) math assessment exam	Grade 12 graduation or GED Vancouver Community College (VCC) math assessment exam	N/A	Foundations of Math 12 with a grade of "C" or better.
Advanced Medical Transcription (AMT)	N/A	N/A	N/A	N/A
Associate of Arts-Chinese Medicine	Principles of Math 11 with a grade of "C" or better	Principles of Math 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Foundations 11 or Math 50 with a grade of "C" or better
Associate of Arts-Elementary Education	Not listed	N/A	N/A	Minimum of Foundations 11 or Pre-Calculus 11 with a grade of "C" or better
Associate of Arts-English	Not listed	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-General	Dependent on courses chosen for degree	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-History	Not listed	N/A	N/A	Dependent on courses chosen for degree
Associate of Arts-Peace Studies	Principles of Math 11 with a grade of "C" or better	N/A	N/A	Foundations 11 or Pre-Calculus 11 with a grade of "B" or better
Associate of Arts-Psychology	Not listed	N/A	N/A	Dependent on courses chosen for the degree
Associate of Arts-Writing Studies	Not listed	N/A	N/A	Dependent on courses chosen for the degree
Associate of Science-	Principles of Math 12 with a	N/A	N/A	Pre-Calculus 12 with a grade

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Biochemistry	grade of "C+" or better			of "C+" or better
Associate of Science-Biology	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Associate of Science-General	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Aviation – Professional Pilot	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Bachelor of Science in Nursing Degree (BSN)	Principles of Math 11 or Applications of Math 12 with a grade of "C+" or better.	Principles of Math 11 or Applications of Math 12 with a grade of "C+" or better.	N/A	Foundations of Math 12 or Pre-Calculus 11 with a grade of "C+" or better.
Bachelor of Geographic Information Systems (BGIS)	N/A	N/A	N/A	N/A
BC Electrical Code	N/A	N/A	N/A	N/A
Business Administration	Principles of Math 11 or Applications of Math 12 or equivalent with a grade of "C+" or better	N/A	N/A	Foundations of Math12 or Pre-Calculus 11 with a grade of "C+" or better
Carpentry Foundation / Apprenticeship	Principles of Math 10 or Applications of Math 11 or Essentials of Math 12 with a grade of "C" or better	N/A	Grade 10 or equivalent English 10 Math 10 & Science 10 Preferred: Grade 12	Apprenticeship Workplace 11 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Chemistry 110	Principles of Math 11 or Math 50 with a grade of "C" or better	Principles 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Pre-Calculus 12 or Math 51 or Math 60 recommended
Chemistry 122	Principles of Math 11 or Math 50 with a grade of "C" or better	Principles 12 or Math 51 recommended	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Pre-Calculus 12 or Math 51 or Math 60 recommended
Chemistry 50	Math 49; Math 50 should be taken concurrently	N/A	N/A	Math 49 or equivalent; Math 50 should be taken concurrently

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Classroom and Community Support Worker (CCSW)	N/A	N/A	N/A	N/A
Clay	N/A	N/A	N/A	N/A
Computer Science 100	Math 12 or Math 51 or Math 130 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Foundations 12 or Math 51 or Math 60 with a grade of "C" or better
Digital Arts and New Media	Principles of Math 11 or Applications of Math 11 or Essentials of Math 11 with a grade of "C+" or better.	Principles of Math 11 with a grade of "C+" or better.	N/A	Foundations 11 with a grade of "C" or better.
Early Childhood Care and Education (ECCE)	N/A	N/A	N/A	N/A
Electrical Foundation / Apprenticeship	Principles of Math 11 or Applications of Math 12 with a grade of "C" or better	Principles of Math 12 recommended	Grade 12 or equivalent	Apprenticeship Workplace11 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Engineering - Two Year Applied Science Program	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "B" or better
Engineering - One Year Applied Science Bridging Program	Principles of Math 12 with a grade of "A" or better	N/A	N/A	Pre-Calculus 12 with a grade of "A" or better
Esthetics	N/A	N/A	N/A	N/A
Fibre	N/A	N/A	N/A	N/A
Fine Woodworking (Joinery)	Principles of Math 11 or Applications of Math 11 or Essentials of Math 11 with a grade of "C" or better	Applications of Math 11 recommended	Grade 10 or equivalent English 10 Math 10 and Science 10 Preferred: Grade 12	Apprenticeship Workplace11 or Foundations 10 or Pre-Calculus 10, with a grade

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				of "C" or better
Fine Woodworking (Joinery)	Principles of Math 11 or Applications of Math 11 or Essentials of Math 11 with a grade of "C" or better	Applications of Math 11 recommended	Grade 10 or equivalent English 10, Math 10 and Science 10 Preferred: Grade 12	Apprenticeship Workplace12 or Foundations 11 or Pre-Calculus 11, with a grade of "C" or better
Forestry (FOR)	Principles of Math 11 with a grade of "C+" or better, or Applications of Math 11 with a grade of "B" or better.	Principles of Math 11 with a grade of "C+" or better.	N/A	Foundations 11 with a grade of "C+" or better.
General Mechanics (Auto Service & Heavy Duty / Commercial Transport)	Principles of Math 10 or Applications of Math 11 or Essentials of Math 12 with a grade of "C" or better	Principles of Math 12 or Applications of Math 12 recommended	Auto: Grade 12, English 12, Algebra 11, Trade Math 11, Physics 11 or Science & Technology 11. Heavy Duty: Grade 10 or equivalent including Eng 10, Math 10 & Science 10 Preferred: Grade 12 Completion of Module 1 (pre-employment Foundation Program) or successful challenge of Module 1 examination Commercial Transport: same as HD including Module 1 completion	Apprenticeship Workplace11 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Geography 130	Principles of Math 11 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Foundations 11 with a grade of "C" or better
Gerontology	Registered Nurse (RN0 or Licenced Practical Nurse (LPN)	N/A	N/A	N/A
Golf Club Operations Online Certificate (GCOOL)	N/A	N/A	N/A	N/A
Hairdressing	N/A	N/A	N/A	N/A

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Health Care Assistant (HCA)	Math 10 with a grade of "C+" or better.	Math 10 with a grade of "C+" or better.	N/A	Common 10 with a grade of "C+" or better.
Human Services Diploma (HSER)	N/A	N/A	N/A	N/A
Independent Digital Film	N/A	N/A	N/A	N/A
Integrated Environmental Planning (IEP)	Principles of Math 11 with a grade of "C+" or better, or Applications of Math 11 with a grade of "B" or better.	Principles of Math 11 with a grade of "C+" or better.	N/A	Foundations 11 with a grade of "C+" or better.
International Business	Degree or diploma program	N/A	N/A	Degree or diploma program
Jewellery and Small Object Design	N/A	N/A	N/A	N/A
Liberal Arts Diploma-Peace Studies	Not listed	N/A	N/A	Dependent on courses chosen for diploma
Liberal Arts Diploma-Writing Studies	Not listed	N/A	N/A	Dependent on courses chosen for the diploma
Mathematics 100	Principles of Math 12 with grade of "C+" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C+" or better
Mathematics 112	Principles of Math 12	N/A	N/A	Pre-Calculus 12
Mathematics 140	Principles of Math 12 or Math 51 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C+" or better;
Mathematics 180	Math 11 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Foundations 11 with a grade of "C" or better
Mathematics 181	Math 11 with a grade of "B" or better; Math 12 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Foundations 11 with a grade of "B" or better; Pre-Calculus 12 or Foundations 12 with a grade of "C" or better

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Mathematics 50	Math 49	N/A	N/A	Math 49 or equivalent
Mathematics 51	Math 11 or Math 50 with a grade of "C" or better	N/A	N/A	Pre-Calculus 11 or Math 50 with a grade of "C" or better; Foundations 11 with written permission of the instructor and School Chair
Metal Certificate	N/A	N/A	N/A	N/A
Metal Fabricator	Principles of Math 10 or Applications of Math 11 or Essentials of Math 12 with a grade of "C" or better	Applications of Math 11 recommended	Grade 10 or equivalent English 10 Math 10 & Science 10 Preferred: Grade 12	Apprenticeship Workplace11 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Millwright / Machinist Apprenticeship	Principles of Math 10 or Applications of Math 11 or Essentials of Math 12 with a grade of "C" or better	Principles of Math 12 or Applications of Math 12 recommended	Millwright (Industrial Mechanic) Grade 10 or equivalent English 10 Math 10 & Science 10 Preferred: Grade 12 Machinist Grade 10 or equivalent English 10 Math 10 & Science 10 Preferred: Grade 12	Apprenticeship Workplace11 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Music and Technology, Contemporary	N/A	N/A	N/A	N/A
Nursing Unit Clerk (NUCL)	N/A	N/A	N/A	N/A
Office Management Diploma	Principles of Math 11 or equivalent with a grade of "C+" or better	N/A	N/A	Foundations of Math12 or Pre-Calculus 11 with a grade of "C+" or better
Pharmacy Technician (PTEC)	Principles of Math 11 or Applications of Math 12 with a grade of "C" or better.	Principles of Math 11 or Applications of Math 12 with a grade of "C" or better.	N/A	Foundations of Math 12 or Pre-Calculus 11 with a grade of "C" or better.
Physics 102	Principles of Math 12 or Math 51 with a grade of "C" or better	N/A	N/A	Pre-Calculus 12 or Math 51 or Math 60 with a grade of "C" or better

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Physics 50	Math 50 or equivalent	N/A	N/A	Math 50 or equivalent; Math 50 may be taken concurrently with Physics 50
Plant Operator Program	Principles of Math 10 or Applications of Math 10 or Essentials of Math 11 with a grade of "C" or better		N/A	Apprenticeship Workplace10 or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better
Professional Cook Training (COOK)	Grade 10 Mathematics	Mathematics 10	Mathematics 10	Apprenticeship 10
Recreation, Fish and Wildlife (RFW)	Principles of Math 11 with a grade of "C+" or better, or Applications of Math 11 with a grade of "B" or better.	Principles of Math 11 with a grade of "C+" or better.	N/A	Foundations 11 with a grade of "C+" or better.
Refrigeration Plant Operator	N/A	N/A	N/A	N/A
Renewable Energy Certificate (RET)	Principles of Math 11 with a grade of "C+" or better, or Applications of Math 11 with a grade of "B" or better.	Principles of Math 11 with a grade of "C+" or better, or Applications of Math 11 with a grade of "B" or better.	N/A	Foundations 11 with a grade of "C+" or better.
Resort and Hotel Management (RHOT)	N/A	N/A	N/A	N/A
Ski Resort Operations and Management (SROM)	N/A	N/A	N/A	N/A
Skilled Exploratory Program (STEP) for Women	N/A	N/A	N/A	N/A
Social Service Worker (SSW)	N/A	N/A	N/A	N/A
Statistics 105	Principles or Applications 11 with a grade of "C+" or better	N/A	N/A	Foundations 11 or Pre-Calculus 11 with a grade of "C+" or better
Two Year Applied Science Program-Engineering	Principles of Math 12 with a grade of "C+" or better	N/A	N/A	Pre-Calculus 12 with a grade of "C+" or better
Welding	Principles of Math 10 or	Applications of Math 11	Grade 10 or equivalent	Apprenticeship Workplace11

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	Applications of Math 11 or Essentials of Math 12 with a grade of "C" or better	recommended	English 10 Math 10 & Science 10 Preferred: Grade 12	or Foundations 10 or Pre-Calculus 10, with a grade of "C" or better