



New Math Admission Requirements

The BC Secondary School Mathematic curriculum is changing starting September 2010, and it is appropriate to change admission standards and course pre-requisites involving secondary school math courses. The following changes for admission and pre-requisite purposes have been approved by Okanagan College Education Council.

These new pre-requisites will come on stream for Okanagan College starting potentially in 2011, with more in 2012 and everyone for 2013. Mature students will have access to the old pre-requisites for some time.

Program	New Math Requirement	Present Math Requirement
Portfolio 1 – Arts/Foundational programs		
Diploma in Environmental Studies	<p>Environmental Arts option, a minimum of 50% in any of Foundations of Mathematics Grade 11, Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education Or Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.</p> <p>Environmental Management option, a minimum of 50% in either Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 50% in either Foundations of Mathematics Grade 12 or the equivalent Provincial Level Adult Basic Education mathematics course. Or Okanagan College Mathematics 12 Challenge Exam minimum of 64%.</p>	Principles of Math 11, or an equivalent Advanced Level Adult Basic Education Mathematics course or a minimum score of 16/25 on the mathematics diagnostic test. Students wishing to take MATH 112 should complete the necessary course prerequisites.
Portfolio 2 – Business Administration/Commercial Aviation		
Bachelor of Business Administration	A minimum of 60% in any of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, or the equivalent Provincial Level Adult Basic Education mathematics course.	A minimum grade of 85% in Applications of Mathematics 12 or a minimum grade of 60% in Principles of Mathematics 12.

Business Administration Diploma/Certificates	A minimum of 60% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, Apprenticeship and Workplace Mathematics Grade 11, or the equivalent Advanced Level Adult Basic Education Math Course	Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics; or a minimum of 70% in Introductory Mathematics 11; or a minimum of 60% in Applications of Mathematics 11. or the equivalent Advanced Level Adult Basic Education mathematics course or a minimum score of 70% on a basic business mathematics assessment.
Office Administration Certificates (all)	A minimum of 60% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, Apprenticeship and Workplace Mathematics Grade 11, or the equivalent Advanced Level Adult Basic Education mathematics course or a minimum score of 70% on a basic business mathematics assessment.	A minimum of 67% in Applications of Mathematics 11 or equivalent or an Advanced Level Adult Basic Education Mathematics course or a minimum score of 70% on a basic business mathematics assessment
Advanced Culinary Arts Diploma	A minimum of 60% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11.	Principles of Mathematics 11; or a minimum of "B" in Introductory Mathematics 11; or a minimum of "C+" in Applications of Mathematics 11.
Commercial Aviation Diploma	A minimum of 60% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11.	Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics; or a minimum of 70% in Introductory Mathematics 11; or a minimum of 60% in Applications of Mathematics 11.
Portfolio 3 – Science, Technology, and Health and Social Development		
Analytical Chemistry Technologist Diploma	A minimum of 67% in Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 60% in Pre-calculus Grade 12 or the equivalent Provincial Level Adult Basic Education mathematics course, or a minimum of 50% in Foundations of Mathematics Grade 12, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	A minimum grade of 67% in Principles of Mathematics 11 or equivalent Advanced Level ABE Mathematics course; or a minimum grade of 60% in Principles of Mathematics 12 or equivalent Provincial Level ABE Mathematics course or Applications of Mathematics 12; or a minimum grade of 60% in Okanagan College's MATH 120. Students without this requirement may write a Math 11 challenge exam administered by Okanagan College and must receive a minimum grade of 64%.
Associate of Science Degree	A minimum of 50% in Pre-calculus Grade 12, or an equivalent Provincial Level Adult Basic Education Mathematics course, or an equivalent course. Students	Principles of Mathematics 12, or an equivalent Provincial Level Adult Basic Education Mathematics course, or an equivalent course.

	<p>who do not satisfy the Mathematics entrance requirement will be admissible to the first year of the Associate of Science program, subject to the following conditions:</p> <ol style="list-style-type: none"> 1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in CHEM 111, MATH 112, PHYS 111, and COSC 111 is therefore prohibited. 2. Students who do not satisfy the Mathematics entrance requirement are strongly advised to register in Okanagan College MATH 120 (Pre-Calculus). Successful completion of this course will satisfy the Mathematics entrance requirement. 3. Students must successfully complete the Mathematics entrance requirement, as stated above, in their first year of studies. <p>Secondary School Calculus: Students enrolling for the first time at Okanagan College who have completed or are registered in a secondary-school calculus course are eligible to write the UBC-SFUUVic-UNBC Calculus Examination. Students who receive a minimum of 50% in this examination will be given the option of either receiving credit for MATH 112 with a grade equal to the grade obtained on the examination, or taking MATH 112 for credit.</p>	<p>Applications of Mathematics 12 is not acceptable. Students who do not satisfy the Mathematics entrance requirement will be admissible to the first year of the Associate of Science program, subject to the following conditions:</p> <ol style="list-style-type: none"> 1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in CHEM 111, MATH 112, PHYS 111, and COSC 111 is therefore, prohibited. 2. Students who do not satisfy the Mathematics entrance requirement are strongly advised to register in MATH 120 (PreCalculus). Successful completion of this course will satisfy the Mathematics entrance requirement. 3. Students must successfully complete the Mathematics entrance requirement, as stated above, within their first year of studies. <p>Secondary School Calculus: Students enrolling for the first time at Okanagan College who have completed or are registered in a secondary-school calculus course are eligible to write the UBC-SFUUVic-UNBC Calculus Examination. Students who pass this examination with a grade of 50% or better will be given the option of receiving credit for MATH 112 with a grade equal to the grade obtained on the examination or taking MATH 112 for credit.</p>
Bachelor of Computer Information Systems	<p>A minimum of 67% in Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 60% in either Pre-calculus Grade 12 or Foundations of Mathematics Grade 12 or the equivalent Provincial Level Adult Basic Education mathematics course, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.</p>	<p>A minimum grade of 67% in Principles of Mathematics 11 or equivalent Advanced Level Adult Basic Education mathematics, course or a minimum grade of 60% in either Principles of Mathematics 12 or Applications of Math 12 or an equivalent Provincial Level Adult Basic Education mathematics course, or a minimum grade of 60% in Okanagan College's MATH 120, or a minimum grade of 64% on the Math 11 challenge exam administered by Okanagan College.</p>
Computer Information Systems Diploma	<p>A minimum of 67% in Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 60% in either Pre-calculus Grade 12 or Foundations of Mathematics</p>	<p>A minimum grade of 67% in Principles of Mathematics 11 or equivalent Advanced Level Adult Basic Education mathematics, or a minimum grade of 60% in either Principles of Mathematics 12 or Applications of Math</p>

	Grade 12 or the equivalent Provincial Level Adult Basic Education mathematics course, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	12 or an equivalent Provincial Level Adult Basic Education mathematics, or a minimum grade of 60% in Okanagan College's MATH 120, or a minimum grade of 64% on the Math 11 challenge exam administered by Okanagan College.
Human Kinetics Diploma	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or the equivalent Advanced Level Adult Basic Education mathematics course.	Principles of Mathematics 11 or an equivalent Advanced Level ABE Mathematics course
Civil Engineering Technology	A minimum of 67% in Pre-calculus Grade 11, or a minimum of 60% in either Pre-calculus Grade 12 or Foundations of Mathematics Grade 12, or a minimum of 60% in Okanagan College MATH 120. One of the Grade 12 mathematics courses is recommended. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	A "C+" grade or better in Principles of Mathematics 11, or a "C" grade or better in Principles of Mathematics 12 or Applications of Mathematics 12, or a minimum 60% grade in Okanagan College's MATH 120. Principles of Mathematics 12 or Applications of Mathematics 12 are recommended. Students without this requirement may write a Math 11 challenge exam administered by Okanagan College and must receive 64% grade or better. The mathematics requirement must be successfully completed no more than seven years prior to enrolment in the program.
Electronic Engineering Technology	A minimum of 60% in Pre-calculus Grade 12, or a minimum of 67% in Pre-calculus Grade 11, or a minimum of 60% in Okanagan College MATH 120. Pre-calculus Grade 12 is recommended. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	A "C+" standing or better in Principles of Mathematics 11, or a "C" standing or better in either Principles of Mathematics 12 or Applications of Mathematics 12, or a minimum 60% standing in Okanagan College's MATH 120. Principles of Mathematics 12 or Applications of Mathematics 12 are recommended. Students without the mathematics requirement may write a Math 11 challenge exam administered by Okanagan College and must receive 64% grade or better.
Mechanical Engineering Technology	A minimum of 60% in Pre-calculus Grade 12, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy either of these requirements may write the Okanagan College Mathematics 12 Challenge Exam and must receive a minimum of 64%.	A minimum grade of C in either Principles of Mathematics 12 or Applications of Mathematics 12, or a minimum 60% grade in Okanagan College's MATH 120. Students without this requirement may write a Math 12 challenge exam administered by Okanagan College and must receive 64% grade or better.

Network & Telecommunications Engineering Technology	A minimum of 67% in Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 60% in either Pre-calculus Grade 12 or Foundations of Mathematics Grade 12 or the equivalent Provincial Level Adult Basic Education mathematic course, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	A "C+" standing in Principles of Mathematics 11, or a "C" standing in either Principles of Mathematics 12 or Applications of Mathematics 12, or a minimum 60% standing in Okanagan College's MATH 120. Applications of Mathematics 12 or Principles of Mathematics 12 is recommended. Students without the mathematics requirement may write a Math 11 challenge exam administered by Okanagan College and must receive 64% grade or better.
Water Quality & Environmental Engineering Technology	A minimum of 67% in Pre-calculus Grade 11, or a minimum of 60% in Pre-calculus Grade 12, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	A "C+" grade or better in Principles of Mathematics 11, or a "C" grade or better in Principles of Mathematics 12 or Applications of Mathematics 12, or a minimum 60% grade in Okanagan College's MATH 120. Students without this requirement may write a Math 11 challenge exam administered by Okanagan College and must receive 64% grade or better.
Practical Nursing Certificate	A minimum of 67% in Pre-calculus Grade 11 or a minimum of 70% on the Okanagan College Mathematics Competency Test for Nursing.	Principles of Mathematics 11 with a minimum grade of 60% or a minimum score of 60% on the OC Mathematics Competency Test for Nursing.
LPN Access Program	A minimum of 67% in Pre-calculus Grade 11 or a minimum of 70% on the Okanagan College Mathematics Competency Test for Nursing.	Not available.
Courses		
ASTR 110	A minimum of 50% in Pre-calculus Grade 12.	Mathematics 12
ASTR 111	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11 is strongly recommended.	Mathematics 11 is strongly recommended
ASTR 112	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11 is strongly recommended.	Mathematics 11 is strongly recommended

ASTR 121	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11 is strongly recommended. A minimum of 50% in one of ASTR 110, 111, or 112 is also recommended.	Mathematics 11 and ASTR 110 or 111 are strongly recommended
ASTR 122	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11 or Apprenticeship and Workplace Mathematics Grade 11 is strongly recommended. A minimum of 50% in one of ASTR 110, 111, or 112 is also recommended.	Mathematics 11 and ASTR 110, 111 or 112 are strongly recommended
CHEM 111	A minimum of 60% in Pre-calculus Grade 12 or the equivalent.	A minimum grade of 60% in Principles of Mathematics 12 or its equivalent.
CHEM 112	A minimum of 50% in Pre-calculus Grade 12 is strongly recommended.	Principles of Mathematics 12 is strongly recommended.
CHEM 115	A minimum of 50% in Pre-calculus Grade 12 is strongly recommended.	Principles of Mathematics 12 is strongly recommended
COSC 111	A minimum of 67% in Pre-calculus Grade 11 or the equivalent Advanced Level Adult Basic Education mathematics course, or a minimum of 60% in either Pre-calculus Grade 12 or Foundations of Mathematics Grade 12 or the equivalent Provincial Level Adult Basic Education mathematics course, or a minimum of 60% in Okanagan College MATH 120. Applicants who do not satisfy any of these requirements may write the Okanagan College Mathematics 11 Challenge Exam and must receive a minimum of 64%.	Minimum grade of 67% in Principles of Mathematics 11 (or ABE Mathematics 011) or a minimum grade of 60% in Principles of Mathematics 12 (or ABE's Principles of Math 012) or Applications of Mathematics 12, or a minimum grade of 60% in Okanagan College's MATH 120, or a minimum grade of 64% on the Mathematics 11 challenge exam administered by Okanagan College. Principles of Mathematics 12 or Applications of Mathematics 12 are recommended.
HKIN 121	A minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or the equivalent Advanced Level Adult Basic Education mathematics course.	Principles of Mathematics 11 or an equivalent Advanced Level Adult Basic Education Mathematics course
MATH 111	A minimum of 50% in either Pre-calculus Grade 11 or Foundations of Mathematics Grade 12.	Principles of Mathematics 11
MATH 112	A minimum of 67% in either Pre-calculus Grade 12 or	A minimum grade of C+ (67%) in Principles of

	an equivalent Adult Basic Education Provincial Level Mathematics course, or a minimum of 50% in Okanagan College MATH 120.	Mathematics 12 or a minimum grade of 67% in an equivalent Adult Academic and Career Preparation Provincial level Mathematics course or a passing grade in Okanagan College's MATH 120.
MATH 114	Admission to the Bachelor of Business Administration degree program or the Business Administration Diploma program, or a minimum of 50% in either Pre-calculus Grade 11 or Foundations of Mathematics Grade 12.	Principles of Mathematics 11, or Applications of Mathematics 11 with a minimum 'C+' grade or Introductory Mathematics 11 with a minimum 'B' grade
MATH 116	A minimum of 50% in either Pre-calculus Grade 12 or Okanagan College MATH 120.	Principles of Mathematics 12 or MATH 120. The Mathematics department strongly recommends a minimum grade of "C+" (67%) in Principles of Mathematics 12.
MATH 120	A minimum of 67% in Pre-calculus Grade 11	Principles of Mathematics 11 with a minimum grade of "C+" (67%)
MATH 160	A minimum of 50% in any of Apprenticeship and Workplace Mathematics Grade 11, Foundations of Mathematics Grade 11, or Pre-calculus Grade 11.	No prerequisites
PHYS 111	A minimum of 67% in Pre-calculus Grade 12 or the equivalent Provincial Level Adult Basic Education Mathematics course, or a minimum of 50% in Okanagan College MATH 120. A minimum of 50% in Physics 12 or a minimum of 73% in Physics 11 is also required.	Principles of Mathematics 12 with a minimum grade of 70% or MATH 120 with a minimum grade of 60%.
PHYS 112	A minimum of 50% in either Pre-calculus Grade 12 or Okanagan College MATH 120.	Principles of Mathematics 12 or MATH 120.
STAT 121	A minimum of 50% in either Pre-calculus Grade 11 or Foundations of Mathematics Grade 12, or permission of the Department.	Principles of Mathematics 11
STAT 124	Admission to the Bachelor of Business Administration	Principles of Mathematics 11, or Applications of

	degree program or the Business Administration Diploma program, or a minimum of 50% in either Pre-calculus Grade 11 or Foundations of Mathematics Grade 12.	Mathematics 11 with a minimum 'C+' grade or Introductory Mathematics 11 with a minimum 'B' grade
CIEN 145	This prerequisite has been removed at the request of the department.	Minimum grade of 64% in Mathematics 11 or Applied Mathematics 12
WQT 115	This prerequisite has been removed at the request of the department.	Mathematics 11.
Portfolio 4 – Trades and Apprenticeship		
Trades Technology Teacher Education Diploma	A minimum of 60% in Apprenticeship and Workplace Mathematics Grade 12, or a minimum of 50% in either of Foundations of Mathematics Grade 11 or Pre-calculus Grade 11.	A minimum grade of 60 percent in one of: Principles of Mathematics 11 or Applications Mathematics 11
AME-M	Not required; this is a Northern Lights College program so they will have to determine prerequisite	A minimum 65% (C+) in both Mathematics 11 and Physics 11 and a passing grade in the ABLE form E exam
Continuing Studies		
Audio Engineering & Music Production	A minimum of 50% in Apprenticeship and Workplace Mathematics Grade 10 or an equivalent Intermediate Level Adult Basic Education Mathematics course.	Mathematics 10
Home Inspection	A minimum of 60% in one of: Foundations of Mathematics and Pre-calculus Grade 10, Apprenticeship and Workplace Mathematics Grade 10, or an equivalent Intermediate Level Adult Basic Education Mathematics course. Foundations of Mathematics and Pre-calculus Grade 10 is preferred.	A minimum grade of 60% in Mathematics 10 or equivalent Intermediate Level ABE Mathematics course or ABLE exam with a minimum score of 26/40.
Pharmacy Technician	A minimum of 60% in one of: Foundations of Mathematics Grade 12, Pre-calculus Grade 12, or an equivalent Provincial Level Adult Basic Education Mathematics course. Applicants who have not satisfied either of these requirements within the last seven years may write the Okanagan College Pharmacy Technician Mathematics Competency Test and must	A minimum grade of 60% in Principles of Mathematics 12 or an equivalent Provincial Level ABE Mathematics course. If this course has not been successfully completed within the last seven (7) years, the applicant must pass the Pharmacy Technician Mathematics Competency Test.

	receive a minimum of 50%.	
Residential Building Drafting Technician	A minimum of 60% one of Apprenticeship and Workplace Mathematics Grade 10, Foundations of Mathematics and Pre-calculus Grade 10, or an equivalent Intermediate Level Adult Basic Education Mathematics course or an ABLE exam with a minimum score of 26/40. Foundations of Mathematics and Pre-calculus Grade 10 is preferred.	A minimum grade of 60% in either Mathematics 10 or an equivalent Intermediate Level ABE Mathematics course or ABLE exam with a minimum score of 26/40
Special Needs Worker	Prerequisite has been dropped.	Math 10 or ABLE E test score of 25/40 or better in the math component.
Education Assistant Certificate	A minimum of 60% in either Foundations of Mathematics and Pre-calculus Grade 10 or an equivalent Intermediate Level Adult Basic Education Mathematics course, or completion of an assigned proficiency exam with a minimum score of 70%.	A minimum grade of 60% in Principles of Math 10 or equivalent, completed within the last seven years, or completion of an assigned proficiency exam with a minimum score of 70%.
Hearing Assistant Certificate	A minimum of 67% in either Pre-calculus Grade 11 or an equivalent Advanced Level Adult Basic Education Mathematics course.	A minimum grade of 67% in Essentials of Mathematics 11, or equivalent, or successful completion of Principles of Mathematics 11 or an equivalent Advanced Level Adult Basic Education Mathematics course.