

Upgrade with XMAT

Are you missing the math requirements needed to enter programs such as nursing, business, economics, geography, physical sciences and mathematics? The XMAT sequence is for anyone who wants to upgrade their math education and has not completed Pre-Calculus 11 but wants to pursue math-oriented programs.

Take XMAT and earn three UNBC credits! The XMAT sequence can be used for credit at UNBC and is an introduction to what a university course is like. XMAT also prepares you for entrance into UNBC MATH 115 Pre-Calculus (an equivalent of Pre-Calculus 12). The content is used in many degree programs at university.



For More Info or to Register

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UNBC UNIVERSITY OF NORTHERN BRITISH COLUMBIA

Intermediate Algebra (XMAT)

Fall 2016

CONTINUING STUDIES

Mathematical formulas visible on the banner include:
 $S_3 = \begin{bmatrix} 1 & 0 & 1 \\ 0 & 0 & 1 \end{bmatrix}$
 $\phi = \sqrt{\dots}$
 $\pi \approx 3.1415$
 $(x+y)^2 = (\frac{y}{2})^2$
 $\frac{\Delta x}{\Delta y}$
 $-\frac{3a}{x}$
 $8x = 4 - 3y^2$
 $y = 2x^2 + 3x$
 $e = 2.79$
 $e = \cos x + \tan y$
 X^a
 $\ln = \sqrt{axb}$
 $y = \frac{\Delta x}{\Delta z}$
 $\ln = \sqrt{axb}$
 $\sin \theta = \frac{b}{\dots}$
 $\sum_{n=0}^{\infty} \frac{1}{n!} x^n$

Intermediate Algebra – Module 1

September 21 to October 19
(Monday & Wednesday, 6:00pm-9:00pm)

Topics discussed include real number systems, solving linear equations and inequalities, absolute values, intersections and unions, functions and their graphs, domains and ranges, linear functions, equations of lines, systems of linear equations, and substitution.

Intermediate Algebra – Module 2

October 24 to November 16
(Monday & Wednesday, 6:00pm-9:00pm)

Topics discussed are related to solving systems of equations and factoring polynomials. Techniques for solving systems of equations include graphing, substitution and elimination. Multiplication of polynomials, factoring trinomials and special factoring are explored.

Intermediate Algebra – Module 3

November 21 to December 14
(Monday & Wednesday, 6:00pm-9:00pm)

Topics discussed are related to algebraic expressions and solving equations. Techniques for multiplying, dividing and simplifying algebraic expressions are explored. Radical expressions are studied and used in equations. The quadratic formula is developed.

Course Fee

Program \$300.00

Location

Certificate Prince George Campus

Instructor

Program Jean Bowen

Dates & Times

Program September 21 to December 14, 2016 (3 modules); every Monday and Wednesday from 6:00pm-9:00pm.

“These courses refreshed all my math abilities. I learned several new, easy methods to factor and solve different equations, along with several easy and helpful methods to do adding and subtracting for polynomials, fractions and other math problems. The best part of the course was the instructor, she explained things very well.”

– **Manal Sayed, Biology major**

“For me, math is the hardest subject, but the way the instructor teaches made it easy to understand and I scored very well in exams. XMAT is definitely helping me in Math 115 and it is going to help me in future statistics courses.”

– **Rohit Arora, B.Comm – Accounting major**