

St. James – Room 430A ext. 4053  
Waterfront – Room 538 (library, lower level) ext. 5743  
Casa Loma – Room C344 (enter through library) ext. 4047  
<http://www.georgebrown.ca/tlc>



## Tutoring and Learning Centre Student Referral Form - MATHEMATICS

Date: _____
Student Name: _____ Student ID: _____
Course: _____ Referring Instructor: _____

*The TLC staff and peer tutors help students with skill improvement in the areas listed below.*  
**To the Instructor:**  
*Please check the areas of main focus for the student or specify an area not listed under "Other".*  
**To the Student:**  
*Please bring this completed referral form to any TLC location. We look forward to learning with you!*

### Arithmetic

- Operations with whole numbers
- Operations with integers
- Operations with decimals
- Operations with fractions
- Ratios and Percent
- Unit conversions
- Order of operations
- Calculator operations (incl. BAII Plus)

### Algebra & Introductory Calculus

- Expanding and collecting like terms
- Solving one-variable equations
- Solving systems of linear equations
- Solving quadratic equations
- Completing the square
- Factoring polynomials
- Solving inequalities
- Limits
- Derivatives

### Trigonometry

- Basic trigonometric ratios
- Solving triangles
- Sine law and/or Cosine law
- Trigonometric identities
- Trigonometric functions

### Linear Algebra

- Vectors
- Determinants
- Matrices

### Financial Mathematics

- Break-even analysis
- Discounts
- Simple interest (and applications)
- Compound interest (and applications)
- Equivalent values
- Annuities
- Loan amortization tables

### Nursing Mathematics

- Calculation of oral medications
- Calculation of dosage by weight
- Calculation of liquids for injection
- Calculation of IV drip rates

### Probability and Statistics

- Measures of central tendency
- Measures of dispersion
- Probability rules
- Binomial distribution
- Normal distribution
- Student's *t* distribution

**OTHER** (Please, specify.)

<b>Comments:</b>          
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