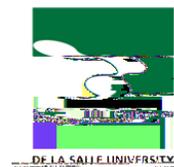




DE LA SALLE UNIVERSITY
College of Science
Department of Mathematics



ITMATH1 – Algebra for BS IT Students

Prerequisite:

Prerequisite to: ITMATH2

Instructor: _____

Contact details: _____

Consultation Hours: _____

Class Schedule and Room: _____

Course Description

This course covers the number system, fundamental concepts and theorems of algebra, algebraic expressions like polynomials, fractions and radicals, solution(s) of linear and quadratic equations and linear inequalities, different methods of solving systems of linear equations and solution to system of linear inequalities.

Learning Outcomes

On completion of this course, the student is expected to present the following learning outcomes in line with the Expected Lasallian Graduate Attributes (ELGA)

ELGA	Learning Outcome
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FOR
EXEMPTED
STUDENTS
(w/ou/800 1 1

	Variable 4.2 Linear Inequality in Two Variables 4.3 Systems of Linear Inequalities in 2 Variables		Lecture and Discussion Practice Exercises
	FINAL EXAMINATION	(2 hrs)	

References

- Kauffman, J.E. and Schwitters, K.L. (8th edition 2013)** *College Algebra*,
Cengage Learning Asia Pte Ltd
- Barnett, R.A., Ziegler, M.R. and Byleen, K.E. (2008) *College Algebra with Trigonometry*. Boston:
McGraw Hill Higher Education.
- Bittinger, M.L., Beecher, J.A., Ellenbogen, D.J., and Penna, J.A. (2009) *Algebra and Trigonometry:
Graphs and Models (4th Edition)*. Boston: Pearson/Addison Wesley.
- Blitzer, R. (2007) *Algebra and Trigonometry (3rd Edition)*. Upper Saddle River, NJ: Pearson/Prentice
Hall.
- Larson, R. (2009) *College Algebra with Applications for Business and the Life Sciences*. Boston,