Session 1 : Course Introduction

Precalculus: A Problem-Solving Approach

JING ARQUERO

University of the East - Manila
C.M. Recto Ave., Manila, Philippines

Session Outline

1. Course Overview
2. Goals & Skills
3. Marking System
4. Requirements
5. Classroom Policies
6. References

Course Overview

Precalculus

A higher mathematics bridging program.

- Analytic Geometry
- Trigonometry
- Mathematical Induction

REQUISITES

- Algebraic Fractions & Rationalization
- Factoring Techniques & Completing the Square
- Plotting & Graphing on the Cartesian Plane

Goals & Skills

Course Goals

- Give Meaning to what had been learned
- Understand what had been learned
- Apply what had been learned in real-life

Skills Development

- Critical Thinking & Problem-Solving Skills
- Creativity, Flexibility & Self-Direction
- Scientific, Cultural & Economic Awareness

Marking System

25% Written Works

- Seatwork & Homework
- Laboratory & Quizzes

45% Performance Tasks

- Tasks, Journal & Notebook
- Attendance, Behavior & Participation

30% Examinations

- Prelims, Midterms & Finals
- Remediation, *if applicable*

Requirements

- Book, *if available*
- Math Notebook, *preparedimmediately*
- Ruler, Pencil & Colored Pens
- Portfolio Folder, *Task No. 2*
- Physical Scientific Calculator
- Graphing Calculator, *preferably GeoGebra*

Classroom Policies

Classroom Officers

- Offer assistance & mediate on class affairs
- Help maintain classroom discipline

Late Submissions

- Excuse slips noted by class adviser
- Deduction of five points per day of delay

General Policies

- Consultations occur a week before posting
- Total Silence during lecture-discussions

References

DOCUMENTATION

This slide presentation is made with LaTeX. The source code is available at: `https://github.com/redundies/ueshsprecal`