



COLLEGE OF ARTS AND SCIENCES
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

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INSTITUTE OF MATHEMATICAL SCIENCES
National Center of Excellence in the Basic Sciences

23 February 2026

CECILIA E. VALDERAMA (OIC)
Schools Division Superintendent
Division of Bulacan
Region III

RE: Request to encourage and invite the Math teachers to attend the MATHTEX 2026

Dear Dr. Valderama:

DepEd-SDO of Bulacan Office of the SDS!
RECEIVED
FEB 23 2026
By: [Signature]
Time: 1:11

Republic of the Philippines
DEPARTMENT OF EDUCATION
Schools Division Office of Bulacan
ADVISORY
No. 24, s. 2026
To: [] PUBLIC [] PRIVATE [] PSDS
[] ELEMENTARY [] JUNIOR HIGH SCHOOL [] SENIOR HIGH SCHOOL
[] ELEMENTARY SCHOOL PRINCIPALS / SCHOOL HEADS
[] SECONDARY SCHOOL PRINCIPALS / SCHOOL HEADS
For information.
CECILIA E. VALDERAMA, PhD, CESO V
Schools Division Superintendent
Office of the Schools Division Superintendent

Greetings! The Institute of Mathematical Sciences (IMS) of the University of the Philippines Los Baños (UPLB) will conduct **MATHTEX 2026: Teacher Training on Algebra** from **23 to 25 April 2026** at the Mathematics Building, IMS, UPLB. Faithful to its commitment to developing mathematics education and instruction, IMS has been staging MATHTEX as one of its annual public service activities for more than a decade now.

This year's teacher training aims to strengthen the teachers' content knowledge and pedagogy on Algebra, particularly equations and inequalities, functions, sequences and series. These topics take a big chunk in the K-12 mathematics curriculum across different grade levels and are proven to be essential topics that students must master both in basic and higher education. MATHTEX 2026 partially addresses the need for targeted professional development for high school mathematics teachers by improving the conceptual understanding of the teacher participants while introducing them with pedagogical strategies that they can use in their own classrooms. The training also fits with the newly implemented MATATAG curriculum by the Department of Education. This curriculum introduces Junior High School students to different types of equations, functions, sequences and series, and problem solving involving these mathematical objects. Moreover, the training will be done face-to-face to align with the current set-up of schools in the Philippines. We envision that this year's MATHTEX will be invaluable for high school teachers as they prepare to teach the said topics in the upcoming years, thereby developing "Filipino learners who are mathematically proficient and critical problem solvers."

In this regard, we kindly request your office to **encourage and invite Math teachers** to attend MATHTEX 2026 through the issuance of a letter of invitation to all mathematics educators in SDO Bulacan. To cover essential expenses including meals (lunch and snacks), seminar materials, professional fees, and logistical arrangements, a registration fee of PHP 2,500 (early bird)/PHP 3,000 (regular) will be collected from each participant. We are currently applying for CPD points for the training. We will keep you posted on the result of the application.

Along with this email, you may find the rationale, objectives, schedule of activities, publication material, and registration link for the training. For further inquiries, you may contact us through email at imsmathtex.uplb@up.edu.ph. Thank you very much and we are looking forward to your positive response.

Very truly yours,

JOHN MARK T. LAMPOS
Chair, MATHTEX 2026 Steering Committee

NEIL JEROME A. EGARGUIN, PhD
Director, IMS



**MATHTEX 2026: Teacher Training on
Algebra**
April 23-25, 2026
**Institute of Mathematical Sciences
University of the Philippines Los Baños**

Description: MATHTEX 2026 is a three-day intensive training on Basic Algebra covering equations and functions, and their applications in various fields of interest. Esteemed mathematics professors will deliver lectures from the Institute of Mathematical Sciences (IMS), University of the Philippines Los Baños (UPLB). Breakout sessions where the participants will be given time to apply what they learned by answering exercises under the supervision of equally knowledgeable facilitators will also be included in the training.

Rationale: The Mathematics Teachers Exchanges (MATHTEX) has been a project of the Institute of Mathematical Sciences of UPLB (formerly known as the Institute of Mathematical Sciences and Physics) since 2012. This project aims to address essential needs within high school mathematics education by focusing on its three core objectives. Firstly, it seeks to enhance the teaching skills of teachers, as this is pivotal in fostering a more engaging and effective learning environment for students. Secondly, the project aims to establish a collaborative platform for high school teachers to share their best practices in teaching mathematics. Lastly, MATHTEX focuses on advancing the mastery of mathematical concepts among high school teachers.

This year, MATHTEX focuses on equations, functions, and applications. These topics take a big chunk in the K-12 mathematics curriculum across different grade levels and are proven to be essential topics that students must master both in basic and higher education. However, several teachers have expressed difficulty in delivering these topics in the classroom due to various reasons such as student comprehension gaps, difficulty in visualizing real-life applications of equations and functions- leading to a lack of relevance, complexity of topics that require advanced pedagogical skills, lack of sufficient teaching and learning materials, and lack of teacher's preparedness. One way to bridge these gaps is to provide teachers with enhanced training in understanding the said topics and offer effective strategies to teach higher-order thinking skills in the K-12 curriculum. MATHTEX 2026 partially addresses the need for targeted professional development for high school mathematics teachers by improving the conceptual understanding of the teacher participants while introducing them with pedagogical strategies that they can use in their own classrooms. Moreover, MATHTEX 2026 will be done face-to-face to align with the current set-up of schools in the Philippines.

MATHTEX 2026 also fits with the newly implemented MATATAG curriculum by the Department of Education. This curriculum introduces Junior High School students to different types of equations, functions, sequences and series, and problem solving involving these mathematical objects. This year's MATHTEX will be invaluable for high school teachers as they prepare to teach these topics in the upcoming years, thereby developing "Filipino learners who

are mathematically proficient and critical problem solvers," the main goal of the MATATAG Curriculum.

Target Participants: High School Teachers and Pre-service Teachers

Objectives: At the end of MATHTEX 2026, the participants are expected to apply content knowledge and pedagogy on fundamental concepts in and applications of algebra such as equations, functions, sequences and series.

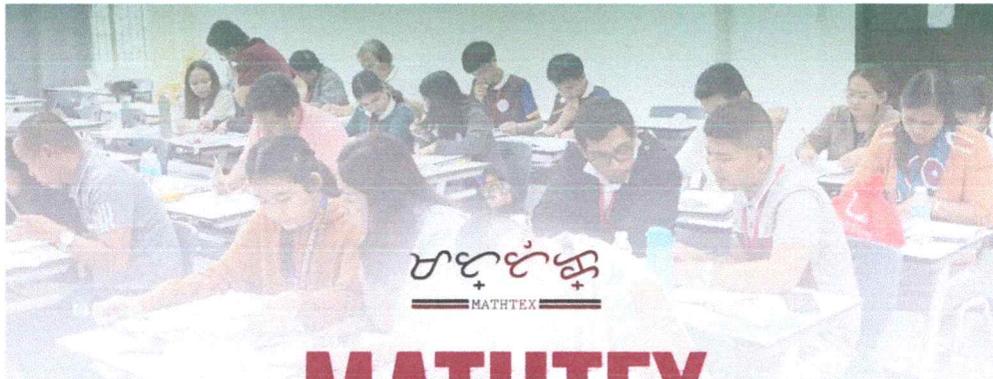


**MATHTEX 2026: Teacher Training on
 Algebra**
April 23-25, 2026
Institute of Mathematical Sciences
University of the Philippines Los Baños

SCHEDULE OF ACTIVITIES

DATE	TIME	ACTIVITIES
DAY 1 April 23, 2026 Thursday	7:00 – 8:00	Registration and Distribution of Kits
	8:00 – 8:30	Opening Program
	8:30 – 9:00	Pre-Test
	9:00 – 10:00	Popular Talk: <i>Problem- Based Learning and Problem Posing</i> (1 hr) <i>Speaker: Joseph Ma. Steven Cabalo</i>
	10:00 – 10:15	Break
	10:15 – 12:00	Lecture 1: Balance, Boundaries, and Beyond: Teaching and Learning Equations and Inequalities (1 hr and 45 mins) <i>Speaker: Romsto R. Pajarillo</i>
	12:00 – 1:00	Lunch Break
	1:00 – 2:30	Lecture 1: Balance, Boundaries, and Beyond: Making Sense of Equations and Inequalities (1 hr and 30 mins) <i>Speaker: Romsto R. Pajarillo</i>
	2:30 – 2:45	Break
	2:45 – 5:30	Break-out Session 1 (2 hrs and 45 mins)
DAY 2 April 24, 2026 Friday	8:00 – 8:15	Recap and Energizer
	8:15 – 9:45	Lecture 2: Inputs, Outputs, and Insights: Rethinking Algebraic Functions (1 hr and 30 mins) <i>Speaker: Rina A. Mabilangan</i>
	9:45-10:00	Break
	10:00 - 11:30	Lecture 2: Inputs, Outputs, and Insights: Teaching and Learning Algebraic Functions (1 hr and 30 mins) <i>Speaker: Rina A. Mabilangan</i>
	11:30 – 1:00	Lunch Break

	1:00 – 4:00	Break-out Session 2 <i>(3 hrs)</i>
	4:00 – 5:00	Sponsors' Presentations*
DAY 3 April 25, 2026 Saturday	8:00 – 8:15	Recap and Energizer
	8:15 – 9:45	Lecture 3: Growth, Patterns, and Trends: Exploring Transcendental Functions, Sequences, and Series <i>(1 hr and 30 mins)</i> <i>Speaker: Anthony L. Cueno</i>
	9:45-10:00	<i>Break</i>
	10:00 – 11:30	Lecture 3: Growth, Patterns, and Trends: Teaching and Learning Transcendental Functions, Sequences, and Series <i>(1 hr and 30 mins)</i> <i>Speaker: Anthony L. Cueno</i>
	11:30 – 12:30	<i>Lunch Break</i>
	12:30 – 4:00	Break-out Session 3 <i>(2 hrs and 30 mins)</i>
	4:00 – 4:30	Post-Test and Evaluation
	4:30 – 5:00	Closing Program





MATHTEX 2026

Teacher Training on Algebra

APRIL 23 - 25, 2026
MATHEMATICS BUILDING, UP LOS BAÑOS

Registration Fee

- **Early Bird Rate:** Php 2500 until March 22, 2026
- **Regular Rate:** Php 3000 until April 17, 2026

Scan to register!



Register now!

   University of the Philippines Los Baños
College of Arts and Sciences
Institute of Mathematical Sciences

In partnership with 

Link to FB Post: <https://www.facebook.com/share/p/17wniyZuag/>

REGISTRATION IS NOW OPEN!

We warmly invite you to participate in MATHTEX 2026: Teacher Training on Algebra, an on-site training happening on April 23 to 25, 2026 at the Mathematics Building, UPLB.

The three-day training is open to all professional and pre-service high school teachers who wish to deepen their understanding of algebra and enhance their classroom practice.

Registration Fee:

Early Bird rate - PhP 2500 (on or before March 22)

Regular rate - PhP 3000

This registration fee is inclusive of the training materials, lunch, and AM and PM snacks for all three days.

To register, scan the QR code in the poster or click the link below:

<https://tinyurl.com/MATHTEX2026RegistrationForm>

Registration is open until April 17, 2026. We look forward to learning with you at MATHTEX 2026!