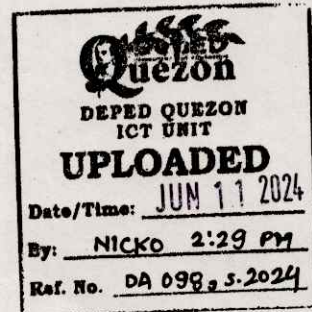




Republic of the Philippines
Department of Education
Region IV-A
SCHOOLS DIVISION OF QUEZON PROVINCE



DIVISION ADVISORY NO. 098, s. 2024

June 6, 2024

In compliance with DepEd Order (DO) No. 8. s. 2023,
this advisory is issued not for endorsement as per DO 28, s. 2001,
but only for the information of DepEd officials,
personnel/staff, and the concerned public.
(Visit www.deped.gov.ph.)

**INVITATION TO MATHTEXT 2024: TEACHER TRAINING ON AXIOMATIC
GEOMETRY**

The Institute of Mathematical Sciences and Physics, University of the Philippines Los Baños, invites interested participants to take part in the **MATHTEXT 2024: Teacher Training on Axiomatic Geometry** on **July 10 – 12, 2024**.

Participation of teachers from public and private schools will be purely voluntary and will not hamper instructional time in compliance with the provision of DepEd Order No. 22, s. 2003 titled "Implementing Guidelines on the School Calendar and Activities for the School Year 2023-2024" and DepEd Order No. 9, s. 2005 titled "Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith" and the policy on off-campus activities stated in DepEd Order No. 66 s. 2017.

This is also subject to no-collection policy as stated in Section 3 of Republic Act No. 5546 also known as "An Act Prohibiting the Sale of tickets and/or the Collection of Contribution for Whatever Project or Purpose from the Teachers of Public and Private Schools, Colleges, and Universities (Ganzon Law)".

For further queries/ questions, please contact **Maica Krizna A. Gavina, D.Sc.**, Head, Extension Committee of the Mathematical Division, Institutes of Mathematical Sciences and Physics UP Los Baños through Mobile No. **09273937487**, and email address at mathtex.uplmath@gmail.com.

cid-ims/jam/rqn/06/06/2024

DEPEDQUEZON-TM-SDS-04-011-003



Address: Sitio Fori, Brgy. Talipan, Pagbilao, Quezon
Trunkline #: (042) 784-0366, (042) 784-0164,
(042) 784-0391, (042) 784-0321

MATHTEX 2024 Axiomatic Geometry Training Invitation to Quezon DepEd Division Office

mathtex.uplbmath@gmail.com <mathtex.uplbmath@gmail.com>

Mon 2024-05-20 10:52 AM

To:DEPED QUEZON <quezon@deped.gov.ph>

4 attachments (5 MB)

MathTEX-2024-Rationale-objectives-description-and-program.pdf; 01_MathTex Pubmat 1.jpg; 01_MathTex Pubmat 2.jpg; 01_MathTex Pubmat 3.jpeg;

ROMMEL C. BAUTISTASuperintendent, Division Office of Quezon
Department of Education
Sitio Fori, Brgy. Talipan, Pagbilao, Quezon

Dear Superintendent Bautista,

I hope this email finds you well.

I am Dr. Maica Krizna A. Gavina, a faculty member at the Institute of Mathematical Sciences and Physics, University of the Philippines Los Baños. I am writing to you on behalf of our institute to extend an invitation to you and the schools under your jurisdiction to attend the **MATHTEX 2024: Teacher Training on Axiomatic Geometry**.

The event will be held from **July 10-12, 2024** at the **Mathematics Building, University of the Philippines Los Baños**, and we are excited to offer this training to high school mathematics teachers in your province. This training is aimed at enhancing their understanding and teaching methods in Axiomatic Geometry, a critical area of mathematics education that helps in developing students' analytical and critical thinking skills. The details of the training such as the rationale, objectives, and schedule of activities for the event are enclosed with this email.

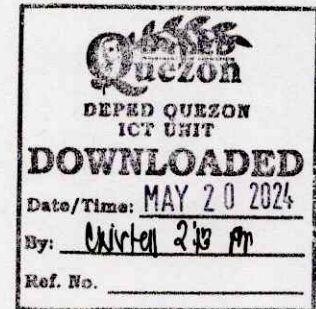
Due to limited slots, we are implementing a selection process after **pre-registration** on our portal: <https://bit.ly/3xYkwuy>. Pre-registration is part of a screening process and does not guarantee a spot in the program. We will consider factors such as teaching philosophy, commitment to professional development, and eagerness to engage with the content when selecting participants.

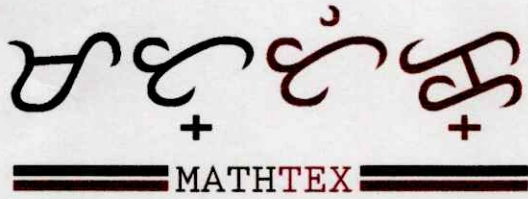
Teachers selected for the training will receive an email notification with instructions for final registration. An early bird registration fee of PHP 3,500 is available until June 17, 2024. After this date, registration remains open until July 3, 2024, at the standard fee of PHP 4,000. The fee covers various costs associated with the training including meals, seminar materials, speaker fees, and other resources.

We would be grateful if you could share this invitation with the schools and educators within your division. Attached to this email are the relevant publicity material you can disseminate along with this email.

Thank you for considering this invitation, and we look forward to the opportunity to work with the educators in your province to further their professional development in mathematics.

Sincerely,

MAICA KRIZNA A. GAVINA, D.Sc.Head, Extension Committee of the Mathematics Division
Institute of Mathematical Sciences and Physics
University of the Philippines Los Baños



MATHTEX 2024: Training on Axiomatic Geometry

July 10-12, 2024

University of the Philippines Los Baños

Description: MATHTEX 2024 is a three-day intensive training on Axiomatic Geometry covering topics such as axiomatic systems and proofs of geometric theorems. Lectures will be delivered by experienced professors of mathematics at the Institute of Mathematical Sciences and Physics, University of the Philippines Los Baños. Each lecture will be followed by breakout sessions where the participants will be given time to apply what they learned by answering exercises under the supervision of equally knowledgeable facilitators.

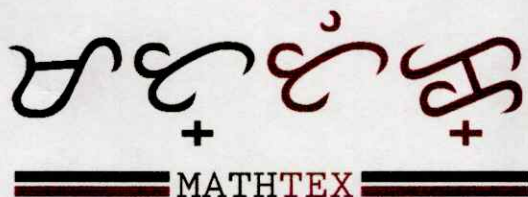
Rationale: The MATHTEX, an acronym for Mathematics Teachers Exchanges, has been a project of the UPLB Mathematics Division since 2012. This project aims to address essential needs within high school mathematics education by focusing on three core objectives. Firstly, it seeks to enhance the teaching 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 topics among high school teachers.

MATHTEX 2024 focuses on Axiomatic Geometry. This specific area of geometry has been tagged as difficult, in terms of teaching and learning aspects. As proving geometric theorems develops the critical and analytical skills of the students, delivering lessons in axiomatic geometry with both conceptual and pedagogical expertise is ideal. Moreover, proficiency in axiomatic geometry is necessary to being confident and effective educators for the students. This will also help participants appreciate the importance of postulates, theorems, and proofs in different fields and equip them with competencies in geometry that are possibly required by the paths they will take in higher education.

Target Participants: Teachers and Senior High School and College Education Students

Objectives: At the end of MATHTEX 2024, the participants are expected to apply content knowledge and pedagogy on the least mastered areas in Axiomatic Geometry including:

- (1) Axiomatic systems; and
- (2) Proofs of geometric theorems involving lines and angles, polygons, and circles.



MATHTEX 2024: Training on Deductive Geometry

July 10-12, 2024

University of the Philippines Los Baños

SCHEDULE OF ACTIVITIES

	TIME	ACTIVITIES
DAY 1 July 10, 2024 Thursday	8:00 - 8:30	Opening Program
	8:30 - 9:00	Pre-Test
	9:00 - 10:00	Popular Talk <i>Speaker: AEC Domingo</i>
	10:00 - 10:50	Lecture 1: Foundations Explored: Navigating Axiomatic Systems in Geometry <i>Lecturer: ALB</i>
	10:50 - 11:05	Break
	11:05 - 12:00	Lecture 1 (continuation)
	12:00 - 1:00	Lunch Break
	1:00 - 3:00	Lecture 2: Lines and Angles Angle Alchemy: Unveiling the Seductive Secrets of Lines, Axioms, Theorems, and Proofs <i>Lecturer: MJVC</i>
	3:00 - 3:15	Break
	3:15 - 5:00	Break-out Session 1
	6:00 - 9:00	Welcome Dinner and Socials
DAY 2 July 11, 2024 Friday	8:00 - 8:30	Recap and Energizer
	8:30 - 10:00	Lecture 3: Triangles and Quadrilaterals Tri-Quad Tango: Notion and Axioms <i>Lecturer: MLDDL</i>
	10:00 - 10:15	Break
	10:15 - 11:30	Lecture 3: Triangles and Quadrilaterals Tri-Quad Tango: Theorems and Proofs <i>Lecturer: MLDDL</i>
	11:30 - 1:00	Lunch Break
	1:00 - 4:00	Break-out Session 2
DAY 3 July 12, 2024 Saturday	8:00 - 8:30	Recap and Energizer
	8:30 - 10:00	Lecture 4: Circles Circling the Cosmos: Exploring the Wonders of Circles <i>Lecturer: JCCD</i>
	10:00 - 10:15	Break
	10:15 - 11:30	Lecture 4 (continuation)
	11:30 - 12:30	Lunch Break
	12:30 - 3:30	Break-out Session 3
	3:30 - 4:00	Post-Test
	4:00 - 4:30	Closing Program



MATHTEX 2024:

Training on Axiomatic Geometry

Organized by
Mathematics Division
Institute of Mathematical Sciences and Physics
University of the Philippines Los Baños

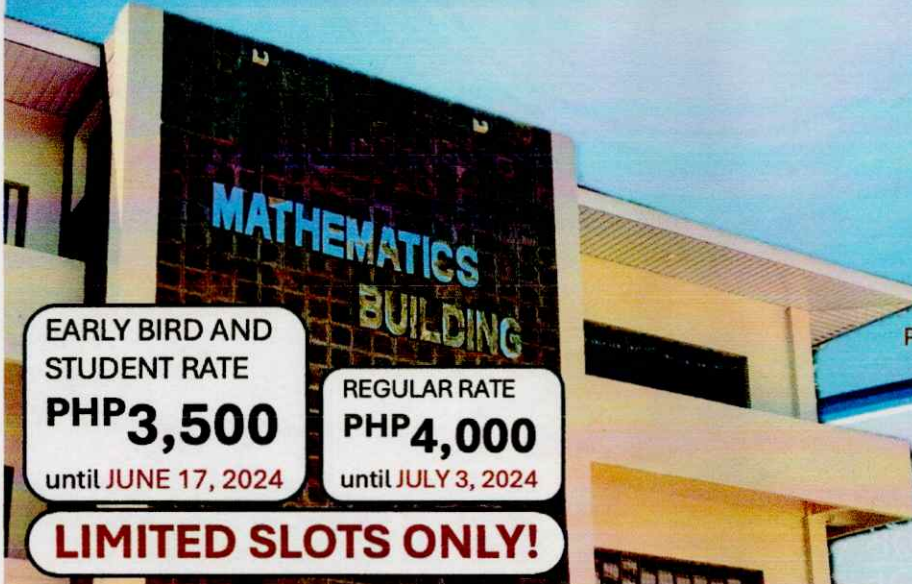
July 10-12, 2024
Mathematics Building Room 100,
UP Los Baños

In partnership with
Filipino Science Hub and
Mathematical Society of the Philippines - Calabarzon



SCAN TO
PRE-REGISTER

or go to <https://bit.ly/3xYkwuy>
Pre-registration period is until **May 24, 2024**



EARLY BIRD AND
STUDENT RATE
PHP 3,500
until **JUNE 17, 2024**

REGULAR RATE
PHP 4,000
until **JULY 3, 2024**

LIMITED SLOTS ONLY!



For Inquiries:
mathtex.uplbmath@gmail.com



09273937487



MATHTEX 2024



Training on Axiomatic Geometry

Organized by the **UPLB Institute of Mathematical Sciences and Physics**

July 10-12, 2024
Mathematics Building Room 100,
UP Los Baños

In partnership with **Filipino Science Hub and MSP - Calabarzon**

- A three-day intensive training on Axiomatic Geometry covering topics such as **axiomatic systems** and **proofs of geometric theorems**.
- Each lecture will be followed by **breakout sessions** where the participants will apply what they learned under the **supervision of knowledgeable facilitators**.

Objectives

The participants are expected to apply content knowledge and pedagogy on the least mastered areas in Axiomatic Geometry including

- Axiomatic systems; and
- Proofs of geometric theorems involving lines and angles, polygons, and circles.

Scope and Title of Lectures

- **Foundations Explored:**
Navigating Axiomatic Systems in Geometry
- **Angle Alchemy:**
Unveiling the Seductive Secrets of Lines, Axioms, Theorems, and Proofs
- **Tri-Quad-Tango:**
Theorems and Proofs
- **Circling the Cosmos:**
Exploring the Wonders of Circles

Lecturers and Speakers

Experienced professors of mathematics at the Institute of Mathematical Sciences and Physics, University of the Philippines Los Baños



Alleli Ester C. Domingo, MSc



Ariel L. Babierra, PhD



Mark Jayson V. Cortez, PhD



Mark Lexter D. De Lara, PhD



Jessa Camille C. Duero, MSc

Early Bird & Student Rate **PHP 3,500**
Until June 17, 2024

Regular Rate **PHP 4,000**
Until July 3, 2024



Scan to Pre-Register
or go to <https://bit.ly/3xYkwuy>
Open to teachers, and BSEd students.
Limited Slots Only!
Pre-registration period is until May 24, 2024



MATHTEX 2024:



Training on Axiomatic Geometry

Organized by the **UPLB**
**Institute of Mathematical
Sciences and Physics**

July 10-12, 2024
Mathematics Building Room 100, UP Los Baños

In partnership with
**Filipino Science Hub and
MSP - Calabarzon**



Need financial support for registration fee?

- Filipino Science Hub will sponsor the registration fee of a **limited** number of participants.
- However, transportation and accommodation allowance will **NOT** be covered.



How to apply for financial support?

- Scan the QR code below or go to <https://bit.ly/3xYkwuy> and fill-out the pre-registration form.
- In the last item of Section 2, select "Funding support from the organizers."



How to know the result of application?

- A member of the registration committee will inform you via email.
- For inquiries, you may contact the organizers via the details provided below.

Early Bird & Student Rate **PHP 3,500**
Until June 17, 2024

Regular Rate **PHP 4,000**
Until July 3, 2024



Scan to Pre-Register
or go to <https://bit.ly/3xYkwuy>
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For inquiries:

mathtex.uplbmath@gmail.com
 09273937487