Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION
SCHOOLS DIVISION OFFICE OF MUNTINLUPA CITY

MAY 24 2024

Advisory No. 095, s. 2024
May 23, 2024
In compliance with DepEd Order (DO) No. 8, S. 2013
This advisory is issued for the information of DepEd officials, personnel/staff, as well as the concerned public.

MATHTEX 2024: TEACHER TRAINING ON AXIOMATIC GEOMETRY

Attached is a letter from Dr. Maica Krizna Gavina, D.Sc., Head of the Extension Committee of the Mathematics Division at the Institute of Mathematical Sciences and Physics, University of the Philippines, Los Baños Laguna dated May 20, 2024, on the above-captioned title, the contents of which are self-explanatory, for the information and guidance of all concerned.

Participation of learners and teachers from public schools shall be purely voluntary and will not hamper instructional time in compliance with the provisions of DepEd Order (DO) No. 34, s. 2022 titled School Calendar and Activities for the School Year 2022-2023 and DO 9, s. 2005 titled Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith and the policy off-campus activities stated in DO 66, s. 2017.

Moreover, schools are reminded of the "No Collection and No Selling of Tickets Policy" stipulated in DepEd Order Nos. 19 and 40, s. 2008 and RA Nos. 4206 and 5546.

VIOLETA M. GONZALES CESO VI
Assistant Schools Division Superintendent
Officer–In–Charge
Office of the Schools Division Superintendent

LGQ / MATHTEX 2024
095 /May 23, 2024 AD-2024-095

CID

Gmail

SDO Muntinlupa <sdo.muntinlupa@gmail.com>

MATHTEX 2024 Axiomatic Geometry Training Invitation to Muntinlupa City DepEd Division Office

1 message

mathtex.uplbmath@gmail.com <mathtex.uplbmath@gmail.com> Mon, May 20, 2024 at 10:35 AM
To: sdo.muntinlupa@gmail.com

EVANGELINE P. LADINES
Superintendent, Division Office of Muntinlupa City
Department of Education
Laguerta St., Tensuan Site, Poblacion, Muntinlupa City

RECEIVED BY:
EVELYN N. DINGAL
Admin Officer II - Records Unit
Date: 5-20-24 5:00 pm

Dear Superintendent Ladines,

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.

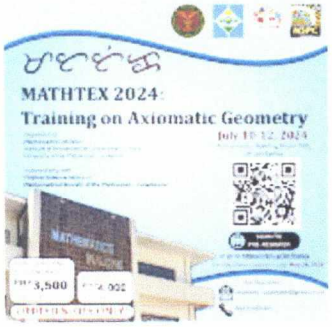
We would be grateful if you could share this invitation with the schools and educators within your division. Attached to this email are the relevant publicity material you can disseminate along with this email.

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

4 attachments



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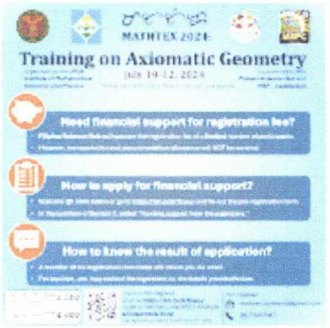

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MathTEX-2024-Rationale-objectives-description-and-program.pdf
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MATHTEX 2024:

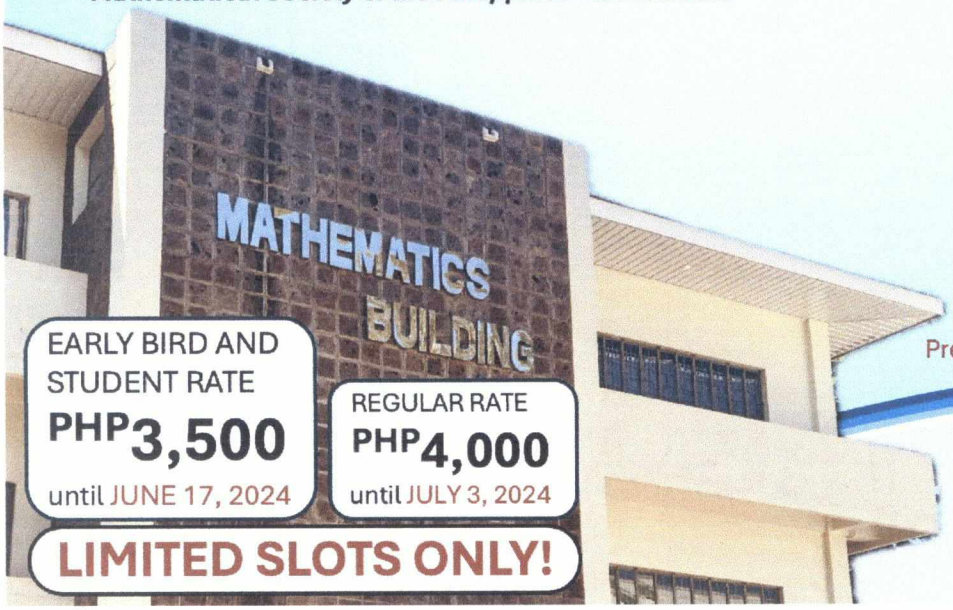
Training on Axiomatic Geometry

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

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

July 10-12, 2024

Mathematics Building Room 100,
UP Los Baños



EARLY BIRD AND STUDENT RATE
PHP3,500
until JUNE 17, 2024

REGULAR RATE
PHP4,000
until JULY 3, 2024

LIMITED SLOTS ONLY!

SCAN TO PRE-REGISTER

or go to **https://bit.ly/3xYkwuy**

Pre-registration period is until **May 24, 2024**

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***

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***
Open to teachers, and BSEd students.
Limited Slots Only!
Pre-registration period is until May 24, 2024

For inquiries:

mathtex.uplbmath@gmail.com
09273937487

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** *Speaker: AEC Domingo*
	10:00 - 10:50	**Lecture 1:** Foundations Explored: Navigating Axiomatic Systems in Geometry *Lecturer: ALB*
	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 *Lecturer: MJVC*
	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 *Lecturer: MLDDL*
	10:00 – 10:15	*Break*
	10:15 - 11:30	**Lecture 3: Triangles and Quadrilaterals** Tri-Quad Tango: Theorems and Proofs *Lecturer: MLDDL*
	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 *Lecturer: JCCD*
	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