

Mike Angelo A. Aloba

✉ maaloba@up.edu.ph

☎ (+63) 956 124 4085

📍 Sariaya, Quezon

🌐 [Mike Angelo Aloba](#)

TEACHING EXPERIENCES



Science, English and Mathematics Enrichment Program (SEMEP) 2021

UPLB DOST Scholars' Society

First Semester, A.Y. 2021 - 2022

- o Mathematics Review Modules Content Creator
- o Headed the creation of several review materials and powerpoints from Algebra, Trigonometry to Basic Calculus.
- o Created tutorial videos for the Trigonometry Section.



Science, English and Mathematics Enrichment Program (SEMEP) 2022

UPLB DOST Scholars' Society

First Semester, A.Y. 2022 - 2023

- o Physics Review Modules Content Creator
- o Headed the creation of several lecture videos from Vectors to Basics of Modern Physics
- o Created own tutorial videos on how to answer problems about electricity and magnetism.



LRC PEER Tutor for MATH 25, PHYS 71 and CMSC 12

UPLB Learning Resource Center

First Semester, A.Y. 2022 -2023

- o Created module handouts, presentations and practice questions on MATH 25.
- o Tutored a total of 94 students in MATH 25, both group and individual peer tutorial sessions, from different colleges in UPLB.

EDUCATION



University of the Philippines Los Baños

BS Mathematics and Science Teaching
Major in Physics

July 2020 – present

- o University Scholar (First Semester, A.Y. 2020 - 2021)
- o College Scholar (Second Semester, A.Y. 2020 -2021)
- o University Scholar (First Semester, A.Y. 2021 - 2022)
- o College Scholar (Second Semester, A.Y. 2021 - 2022)
- o Secretary, UPLB DOST Scholars' Society (Second Semester, A.Y. 2021-2022)
- o Resident Member, UPLB DOST Scholars' Society (November 2020 - present)
- o DOST Scholar under RA 7687 (June 2020 - present)



St. Joseph Academy of Sariaya, Quezon Senior High School

STEM Strand

June 2018 – June 2020

- o Graduated with High Honors
- o Working Scholar Award
- o Councilor, Supreme Student Government

SKILLS

Basic VPython Programming for Physics Education
VPython is used to visualize vectors and scalars, motion of projectiles, analysis of coordinates and motion of idealized particles.

Word Processing, Excel and Powerpoint Skills

With knowledge on how to operate simple operations, layouting and editing using MS Word, Excel, and Powerpoint

Basic Python Programming

With knowledge on basic python programming. Python is used to visualize numerical calculations both in Math and Physics.

Tutoring and Teaching Skills

Passionate about teaching and learning as a two-way process between the teacher and the students.

CERTIFICATIONS, WORKSHOPS and STATEMENT OF ACCOMPLISHMENTS

- o Tracker Video Analysis for Classical Mechanics Experiments Workshop, Samahang Pisika ng Pilipinas
Issued September 2021
- o Introduction to Python Programming, University of Michigan through Coursera for Students
Issued October 2021
- o Python Programming, DataCamp Pro
Issued July 2022
- o Accomplished 20 online courses in DataCamp Pro through a scholarship brought by UP Diliman Learning Resource Center related about statistics and probability using R.
Issued 2021-2022

SUMMARY OF TEACHING PHILOSOPHY

My teaching philosophy boils down to concentration on the teachers' accessibility, focus on conceptual learning, emphasizing importance of students' engagement, honing practical skills, and continuous professional learning as a student. I believe I do not know anything, and I am not infallible but I am always willing to learn and share something new, knowing that although I cannot please everyone, I know myself, that I will always do my best to the best of my ability.